

Oglala Lakota College

Piya Wiconi
Box 490, Kyle, SD 57752
455-6000
FAX 455-2787

Pass Creek College Center

Box 630, Allen, SD 57714
455-2757
FAX 455-2428

Oglala Lakota Nursing Program

Box 861, Pine Ridge, SD 57770
867-5856
FAX 867-5724

Pejuta Haka College Center

Box 370, Kyle, SD 57752
455-2450
FAX 455-2671

Eagle Nest College Center

Box 476, Wanblee, SD 57577
462-6274
FAX 462-6105

Pine Ridge Village College Center

Box 439, Pine Ridge, SD 57770
867-5893
FAX 867-1241

East Wakpamni College Center

Box 612, Batesland, SD 57716
288-1834
FAX 288-1828

Oglala College Center

Box 19, Oglala, SD 57764
867-5780
FAX 867-1243

LaCreek College Center

Box 629, Martin, SD 57551
685-6407
FAX 685-6887

Wounded Knee College Center

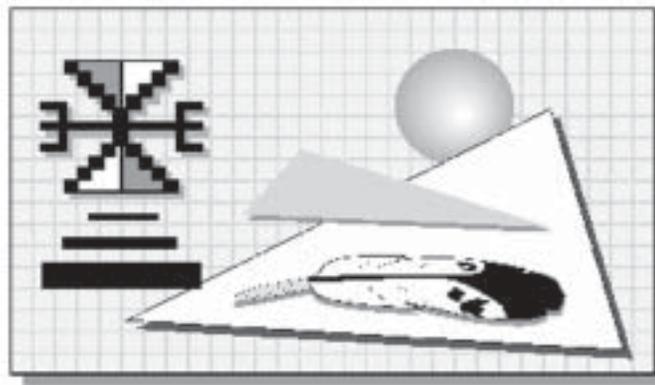
Box 230, Manderson, SD 57756
867-5352
FAX 867-1245

Pahin Sinte College Center

Box 220, Porcupine, SD 57772
867-5404
FAX 867-1242

He Sapa Learning Center

127 Knollwood Dr., Rapid City, SD 57709
342-1513
FAX 342-8547



Board of Trustees

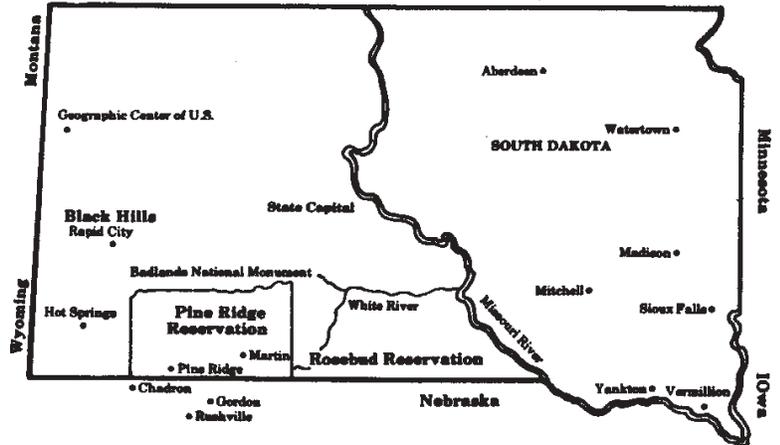
Representatives of the Oglala Sioux Tribe

Eileen Janis Tribal President's Representative
 Tom Conroy, Jr. Tribal Education Committee Representative

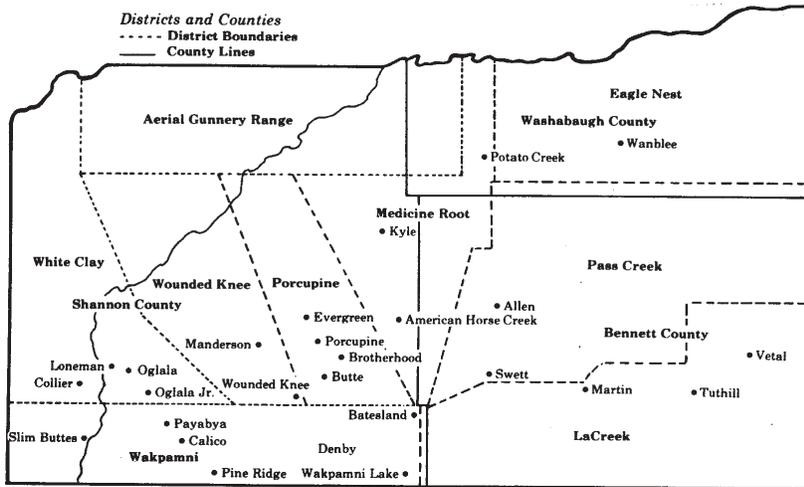
Representatives Elected by Districts

Dennis Brewer	Pine Ridge Village
Pete Red Willow	Eagle Nest
Bennett Sierra	East Wakpamni
Newton Cummings	LaCreek
Lamoine Pulliam	Pahin Sinte
Phoebe Tallman	Pass Creek
Dennis King	Pejuta Haka
Ernie Little	White Clay
Emma Plume-Clifford	Wounded Knee
Trina Lone Hill	Student Representative
Gerald One Feather	Council of Elders

South Dakota



Pine Ridge Indian Reservation



District College Centers

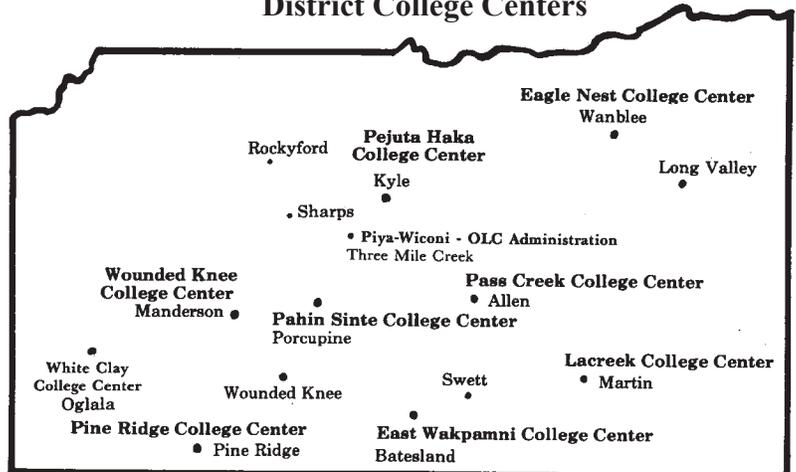


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THE CATALOG

The catalog is designed as a guide to the programs, policies and procedures of Oglala Lakota College. The student or community member has the responsibility of becoming knowledgeable about the requirements and behavior expected of people who utilize the college.

The Oglala Lakota College catalog opens with an introduction which includes the Board of Trustees, maps of South Dakota, the Pine Ridge Reservation and the locations of the district college centers, Mission and Philosophy of the college, a note from the President, and general information about the history of Oglala Lakota College.

Subsequent sections of the catalog cover instructional programs, policies and procedures, community and student services, district centers, and course descriptions.

While providing information to students about the curricula and policies of Oglala Lakota College, the provisions of this catalog are not intended to be a contract between the college and the student. Oglala Lakota College reserves the right to withdraw or change any provision or requirements at any time.

Fall 2003 Calendar

Support Staff Return	July 21 st
Chairpersons Return	July 28 th
Faculty Return	August 7 th
Registration	August 11-15 th
Class Cancellation Meeting	August 19 th
ADD or DROP	August 18-29 th
Classes Begin	August 25 th
Last Week to Drop 100%	September 1-5 th
Labor Day (Office Closed, Classes Meet)	September 1 st
Departmental Advising	October 27-November 28 th
Veteranís Day (Office Closed, Classes Meet)	November 10 th
Thanksgiving Day Holiday (Office Closed)	November 27-28 th
Classes End	December 5 th
Make-up Week	December 8-12 th
Final Grades Due	December 12 th
Faculty Christmas Holiday	December 15-January 1 st
Support Staff Christmas Vacation	December 24, 25, 26, 31, January 1 st

VISION, MISSION AND PURPOSES

WOLAKOLKICIYAPI: Learning Lakota ways of life in community

Oglala Lakota College is chartered by the Oglala Sioux Tribe. Its mission is to provide educational opportunities that enhance Lakota life. These opportunities include community services, certificates, GED, Associate, bachelor, and graduate degrees. Oglala Lakota College provides a framework of excellence for student knowledge, skills, and values towards piya wiconi - a new beginning for harmony in fulfillment of aspirations and dreams. Oglala Lakota College is committed to continuous improvement and is creating Oglala Lakota University through outstanding teaching, research, community service and assessment.

-Tribal-

- * provides the Lakota with outstanding graduates.
- * promotes the study and practice of sovereignty.
- * works with tribal entities toward building our nation.
- * supports graduates in achieving meaningful work and healthy lifestyles.

-Cultural-

- * utilizes Lakota cultural values in all learning framework.
- * celebrates Lakota culture including sacred songs and ceremonies.
- * researches, studies and disseminates Lakota language, culture and philosophy.
- * provides leadership to maintain and revitalize Lakota culture in a diverse and changing environment.

-Academic-

- * encourages high student learning expectations through active and collaborative learning frameworks, student-faculty interaction, enriching educational experiences, research and a supportive campus environment.
- * practices open enrollment and supports student success towards graduation.
- * provides knowledge, skills and values for self-fulfillment, civic involvement, and making a living in a diverse world.
- * works with other institutions and agencies to further College interests.

-Community-

- * supports local communities in development and in working with their educational systems.
- * engages people as active, productive members of their tiospace, communities and global networks.
- * offers frameworks for leadership development in the context of communities and organizations.
- * provides lifelong learning through continuing education and community activities.



PRESIDENT'S MESSAGE

From its inception in 1971, our college's mission has been to provide the educational credentials to our students so that they could compete for employment opportunities on the Pine Ridge Indian Reservation. As a result of having a college on the reservation, Lakota people are now employed in teaching, nursing, human services, business, computer, and vocational educational positions on the Pine Ridge reservation.

Oglala Lakota College was one of the first tribally controlled colleges in the United States. The concept of a tribally controlled college is that it be sanctioned by an Indian tribe; its governing body be made up of tribal members; and meet the needs of reservation people in their pursuit of higher education.

From its initial status as a community college, Oglala Lakota College has grown to now offer Baccalaureate degrees and a Master's degree in Lakota Leadership along with certificates and A.A. degrees. This last semester saw a large increase in enrollment from 1,100-1,400 students to 1,400 students with a full-time equivalency of 900 students per semester.

Oglala Lakota College is a North Central Accredited college, and its credits transfer to any college depending on each institution's particular method of how it accepts transfer credit.

The Board of Trustees, local boards, administration, and instructors offer their support in your efforts to advance yourself through higher education.



- Thomas Shortbull, President**
- Leslie Heathershaw, Assistant to the President
- Karlene Janis, Personnel Manager
- Devona Lone Wolf, Coordinator of Support Services
- Marilyn Pourier, Development Officer
- Kathy Ferguson, Gifts Coordinator
- Roberta Wounded Head, Personnel/Data Entry Clerk
- Joleen Montileaux, Director of Canku Luta Program
- Vacant, Maintenance Director
- Vincent Fire Thunder, Maintenance



COLLEGE HISTORY/ACCREDITATION

Since the creation of the Pine Ridge Indian Reservation, Oglala leaders have pressed the federal government to meet the educational obligations it promised in treaties and agreements. With the advent of efforts to extend tribal sovereignty by American Indians throughout the United States came a recognition by Lakotas that control of education is also the control of its destiny. On March 4, 1971, the Oglala Sioux Tribal Council exercised its sovereignty by chartering the Lakota Higher Education Center. This marked the commencement of a vision's realization which continues to evolve in the history of the Oglala Lakota.

During its non-accredited years, the college entered into agreements with Black Hills State College, University of South Dakota, South Dakota State University to "borrow" their accreditation for various associate degree programs. Students were taught on the reservation by faculty chosen by the college, but approved by the state institutions, who taught the same courses as offered in South Dakota's colleges. It was a complicated system but it met the needs of students.

The college awarded its first associate degrees in 1974. In 1978, the name of the college was changed to Oglala Sioux Community College to reflect its status as community college.

In 1979, Oglala Sioux Community College became a candidate for North Central Association accreditation. The college settled into its dispersed, decentralized campus system which features college centers in each of the nine reservation districts.

In 1980, the Oglala Sioux Tribal Council allowed the college to occupy its present administrative center. Piya Wiconi is the most visible symbol of the college but the district centers are where the mission is being fulfilled.

When accreditation was granted in 1983, the degree offerings were a Bachelor's degree in Elementary Education and Associate Degrees in Education, Human Services, General Studies, Nursing, Lakota Studies, Business and Vocation fields. In subsequent accreditations by North Central in 1987, 1992, and 1994, the college has expanded its Bachelor Degrees in Lakota Studies, Human Services, and Applied Sciences, and a Master's Degree in Tribal Leadership.

At the 1983 annual retreat, OSCC underwent another name change to Oglala Lakota College to reflect its status as a four year degree granting institution and to replace the word Sioux with Lakota. Since Sioux is not a word in our language, the proper word to describe our people is Lakota.

Oglala Lakota College is governed by a 13 member Board of Trustees with membership coming from nine reservation districts, two from the Oglala Tribal Council one from the OST President or his designee, and a student representative.

As a result of the most recent comprehensive accreditation review in March of 1998, NCA granted continuing accreditation for all existing degrees, the Masters degree in Lakota Leadership/Management, and an added Masters Degree emphasis in Educational Administration. NCA also removed distance and site limitations.

Oglala Lakota College stands ready to meet the education challenges of the 21st Century and will continue to assume a vital role in the development of the reservation's resources, its people, and the land.

Oglala Lakota College has been accredited by the North Central Association of Colleges and Schools since June 20, 1983. This accreditation has been continued and expanded in scope with each subsequent comprehensive visit.

The most recent comprehensive visit took place in March 2003, by the Higher Learning Commission, a commission of the North Central Association of Colleges and Schools, 30 North LaSalle Street, Suite 2400, Chicago, Il 60602-2504, telephone number 312-263-0456 or 800-621-7440, FAX 312-263-7462. The college offers accredited degree programs and certificates. The programs in Elementary Education and in Nursing are fully approved by the State of South Dakota. Graduates of the elementary education program are certified by the South Dakota Division of Education, and graduates of the nursing program are permitted to sit for the National Council Licensing Examination (NCLEX) to become Registered Nurses.

FACILITIES

PIYA WICONI (located 6 miles southwest of Kyle)

Administration Building: President, Vice Presidents, Business Office, Faculty, Financial Aid, Registrar, Community/Continuing Education Offices

Woksape Tipi: Learning Resource Center/Archives, computer lab, distance learning,,studio, NSF office.

Voc. Ed: Organic gardening, carpentry, electrical, HVAC classrooms, bookstore, faculty offices, computer lab

District Centers: (located in the nine major reservation towns-see map)

Offices for Center Directors, Tutors, Counselors, Classrooms

Most classes are held at these centers.

He Sapa Learning Center: (located in Rapid City)

Offices of Center Director and Counselor, Classrooms

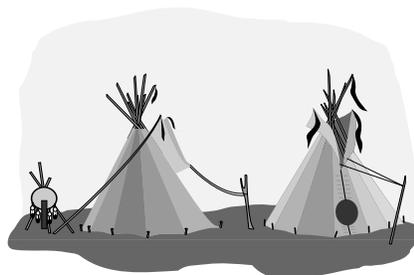
Most classes are held at this center.

Nursing Building: (located in Pine Ridge Village)

Offices of Nursing Program faculty and staff, classrooms

Classes also held at Pine Ridge Hospital and off reservation hospitals.

Community Facilities: Because of the size of the District Centers, classes are also held in local schools, churches, and other buildings. The cooperation and support of the entire reservation community has been a major factor in OLC's success.



GOVERNANCE

An Overview of the Structure:

The Piya Wiconi Okolakiciye as the all College Senate is one element in the governance of Oglala Lakota College. Governance consists of the Board of Trustees, the President, the Piya Wiconi Okolakiciye, the local District College Center Boards and the Student Government Organizations.

The Board of Trustees is the only governing body which can make policy for the College. Nine board members are elected from the districts, three members represent the Oglala Sioux Tribe which include the President, and one Student Representative from the Student Senate. The Board does receive many recommendations from many sources, and these organizations provide an orderly means for all college constituent units to channel policy recommendations to the Board of Trustees.

Although the BOT alone can make policy decisions, they have shared responsibilities with the constituent organizations in its desire to assure influence and participation by students, staff, the president and local communities.

The District College Center Boards have delegated authority from the BOT as their actions pertain to the district college centers. There are nine (9) District College Center Boards: Eagle Nest, East Wakpamni, LaCreek, Pahin Sinte, Pass Creek, Pejuta Haka, Pine Ridge Village, White Clay, and Wounded Knee. Each of these centers make programmatic and personnel recommendations to the Board of Trustees. District Boards can approve community and other activities for their respective districts.

The President of Oglala Lakota College is the chief administrator for the college. The line and supervisory staff of the college implement BOT policy, make policy recommendations and develop procedures for implementing Board policy. The administrative structure follows a delineated table of organization for providing governance and operational decisions to the President who is responsible to the BOT. The organization of the college includes the Division of Instructional Affairs, the Division of Student and Community Services, the Institutional Development and Research Office and the Office of Fiscal Management.

The student governments are elected at the district level and represent the students from each district. Student input into the governance of the college flows through the District College Center Boards. Student representation is included in the Piya Wiconi Okolakiciye.

PIYA WICONI OKOLAKICIYE

A Rationale:

The Piya Wiconi Okolakiciye provides the internal means by which all staff and students are assured that their ideas and efforts will be considered. Individuals are elected to PWO as representatives of their constituency, not because of their position in the table of organization or their relationship to the district boards and district student governments.

Institutions of higher education are unique organizations in that they are made up of several distinctive constituencies. Each of these constituencies is served by the college and they have important knowledge to contribute to the service provided by the college. Oglala Lakota College recognizes the need for input from each constituency in the determination of policy and procedures for the entire college.

The college constituencies are: The Board of Trustees, Administration, Districts, Students, and the Faculty and Staff. The Oglala Sioux Tribe is represented through their constituencies. Prior to the creation of PWO, input from each of the college constituencies worked its way up through the levels of the college structure. The PWO was created to assure participation in the governance of the college by members who did not have direct access. This organization within the college is specifically for students, instructors, and staff. It provides a forum for addressing college-wide concerns and making consensus policy and procedure recommendations to the President and on to the Board of Trustees.

Standing Committees:

Standing committees are the primary working subdivision of PWO and transact business assigned by either PWO or the President of the college. Committees of the college include: Instructional Affairs, Institutional Development, Student Services, and the Activities Committee.

POLICIES & PROCEDURES

The college is planned and operated to meet the specific needs of the people on the reservation. This means an emphasis on Lakota culture and content as much as possible and it means a variety of programs to meet students needs from the very basic of beginning reading to college success and high school equivalency, tutoring and testing, to college programs transferable to most colleges and college programs designed to put people to work upon completion of certificates. There are also workshops on specialized subjects ranging from horseshoing to women's rights to Indian law. Finally, there are cultural events such as movies, film festivals, nationally known guest speakers on Indian literature, art and history and our own arts and crafts shows.

We feel OLC is an exciting and stimulating environment in which to teach and learn and we hope you will pick up this enthusiasm yourself, examine it critically, and then pitch in to make the college even better for your having been there.

STUDENT INFORMATION

Students at Oglala Lakota College have the right to the highest quality education possible and to fair and just treatment by all departments of the college. The college is obligated to provide students with the best possible environment, instruction, curriculum and resources to attain a college education. However, the responsibility for the quality of learning is that of the student. A quality education happens when learning interaction is balanced by students and staff.

In the event of a perceived unfair ruling made against a student the college has established grievance policy and procedures for fair and equitable resolution of the problem. The grievance policy and procedures are detailed in the OLC **Student Handbook**.

DRUG-FREE ENVIRONMENT

Oglala Lakota College requires a drug-free work environment. All employees and students are required to comply with this policy. This policy is published in the Student and Faculty Handbooks. Discipline measures may be necessary for violations of this policy. Individuals found in violation will be referred to the appropriate professionals and officials. The College will maintain an employee support program and student assistance program to assist individuals who may be experiencing problems.

GUN-FREE/WEAPON-FREE CAMPUS

Oglala Lakota College will adhere to a Gun-Free/Weapon-Free campus policy. All dangerous weapons, (dangerous weapons are defined as any firearm, knife, or device, instruments, materials, or substances, whether animate or inanimate which is calculated to inflict death or serious bodily harm) are banned from the Oglala Lakota College campus and properties. Weapons brought onto or carried on Oglala Lakota College property must have prior approval and conform to the safety regulations identified in the procedures below. Weapons carried by authorized law enforcement agents or used in military activities are exempt.

ACADEMIC DISHONESTY

Academic dishonesty is the taking of an examination or the preparation of papers for credit wherein the student knowingly represents the work of another as his/her own; and/or knowingly breaks stated examination rules. A student may be expelled and barred from further classes upon proof in a hearing of academic dishonestly.

STUDENT MISCONDUCT

1. Misconduct refers to any actual or threatened physical violence, gross disorderly conduct, interruption of classes or college business, repeated verbal abuse or harassment, **vandalism to OLC college premises, coming to college classes or college premises under the influence of alcohol or drugs, failure to properly supervise the student's children at the college premises, and any other student conduct that cause a disruption in college classes or the transaction of college business.**
2. A student may be barred **or expelled** from further classes as well as dropped from classes either for misconduct toward a College staff member, **community member**, another student, or a board member when this misconduct stems from College business or on college premises.
3. A student may also be barred or **expelled** for student misconduct occurring on the college premises or when occurring with college classes or events.

ASSESSMENT PHILOSOPHY

We, the community of Oglala Lakota College assert the following three specific and integral purposes for institutional assessment:

1. to improve student learning
2. to document learning
3. to satisfy external agency requirements

We base the foundation of OLC's assessment program on a **formative** philosophy in that all evaluative information derived from assessment activities are directly applied by programs, faculty, staff, and administration to improve the appropriate area of the college. A secondary objective of assessment activities is to make public evaluative information so that decision-makers and potential consumers may judge the worth or merit of OLC in relation to important criteria.

We can only achieve success in learning through a continual, comprehensive assessment of student and organizational performance using multiple assessment methods. In addition, we must conduct periodic reviews of policies, goals, and methods of assessment to ensure quality information. All efforts are driven by Oglala Lakota College's responsibility to improve and enhance the performance of our students, staff, and faculty.

Oglala Lakota College affirms that assessment is a process independent of decisions concerning personnel matters, such as retention, rehire, or dismissal. We will not use assessment outcomes for such purposes and all effort will be made to safeguard against the use of assessment results for matters related to these areas.

The complete document, "Institutional Outcomes Assessment Strategy" can be obtained by contacting the Director of Research and Institutional Assessment or by downloading the document from the OLC web-site under the Research & Assessment Department.

COMMUNITY/CONTINUING EDUCATION DEPARTMENT

Susan Heathershaw, Coordinator
Samuel Gardipe, Jr., Assistant Coordinator

The Community/Continuing Education Department began as the Adult Education department in 1973. The major component of the department was GED testing. In the years that followed the department grew to include community education, life coping skill workshops, adult basic education and GED tutoring. The name of the department was changed from Adult education to Community/Continuing education. This was translated into Lakota Language as "Tiospaye Iciyohikeya Wounspe", which means community and continuing education, which serves in the spirit of the mission and purposes of the College.

Community education is a philosophical concept that serves the entire reservation community by providing for all of the educational needs of its community members. It uses the local resources to serve as the catalyst for bringing community efforts to bear on their needs. In addition to the effort to develop a positive sense of community, improve community living, and develop the community process toward the goal of self-actualization.

The Community/Continuing Education Department offers a program responsive to the needs of the people of the Pine Ridge Reservation. The department tutors are responsible for preparing students for taking the GED tests. The instruction provided for the student is on an individualized basis and set up to meet the individual needs of the student. Tutoring is provided at the local college centers. The majority Community/Continuing Education Department tutors are bilingual and live in the community they serve. The department offers lifelong learning through life coping skills workshops, and continuing education.

Career counseling is another feature of the department. Each student completes a Career Occupational Preference System interest inventory. This inventory assists the students in the selection of a career, and allows them the opportunity to pursue this career choice.

Family literacy and development of the Lakota Literacy Council of the Pine Ridge Reservation has long been a goal of the department and is now established.

Major components of the department are:

- I. Adult Basic Education Skills Tutoring** in reading, writing, listening, speaking, and mathematics.
- II. GED Tutoring** in high school subjects of language arts, mathematics, social studies, and science.
- III. GED Testing** is provided with authority from Washington, D.C.
- IV. Life Coping Skills Workshops** are short courses in many areas such as; consumer economics, job skills, law and government, Lakota culture and health.
- V. Continuing Education units** is provided through seminars, courses, workshops, and other activities based on local community needs.
- VI. Career Counseling and Job Seeking Skills**
- VII. Family Literacy and Lakota Literacy Council**

REGISTRAR'S OFFICE

Billi K. Hornbeck, Registrar
Cindy Iron Cloud, Assistant Registrar
Leslie Mesteth, Assistant Registrar

The primary purpose of the Registrar's Office is to provide service. Through our service we not only derive satisfaction, but students have a right to expect this from us.

Counselors are available at each college center to assist students in tutoring, attendance, academic, personal and financial aid counseling. Counselors may also refer students to other resources if they are unable to assist students in their needs.

The college is interested in the welfare of its students. The personal contact of students with each district college center counselor begins within the community, during registration and throughout the year.

Students should work closely with their local college center counselor. An academic advisor is also available for each student during registration and by appointment.

ACCREDITATION

Oglala Lakota College Courses are accredited by the North Central Association of Schools and Colleges. The BS in Elementary Education is accredited by the South Dakota Division of Education. The ADN in Nursing is accredited by the South Dakota Board of Nursing.

COLLEGE ADMISSION POLICY

To be admitted, the applicant must meet all of the following criteria:

1. (a) Must have graduated from an accredited high school. Must furnish a copy of high school transcript.
OR
(b) Must have high school diploma or GED Certificate
2. In the case of a transfer student, the student must provide a transcript from the college(s) previously attended.
3. Native American students desiring admission must provide certification of degree of Indian blood from Tribal census office where enrolled or registered.

Unless otherwise notified, students fulfilling the above requirements will be considered accepted by Oglala Lakota College. Any student falsifying information is subject to suspension.

EARLY ENTRY PROGRAM

Oglala Lakota College provides opportunity for high school students to achieve college credit under a specific criteria called early entry. This program is offered to junior and senior high school students who would like to enroll into college courses of up to six credit hours a semester. They must have a written statement from their high school Principal or Counselor stating they are prepared for College level work, approve the student's enrollment at OLC, and have a G.P.A. of 2.0 or above. An official transcript from the high school must be submitted along with the statement.

ACADEMIC ADVISING

A full-time instructor or college staff member will help students with course selection and scheduling, discussing academic problems, and assist with making career choices. Academic advising is available from district counselors and faculty. Students with more than thirty (30) hours should contact the chairperson of their major department to review status sheets and career plans.

STATUS SHEETS

Once a student enters a degree area, the student must obtain a status sheet for that degree program from the counselor or academic advisor. When thirty (30) hours have been completed, a student should review his/her progress with the department chairperson. This status sheet should always be consulted when making course requests and when signing up for classes. (If student fails to maintain enrollment for one (1) semester, that student will come back in on the current status sheet.) All students in the education degree department move to the new status sheet, if any changes occur, due to the state requirements.

CONTINUING EDUCATION

In the Fall of 1975, Oglala Lakota College committed itself to offer continuing education courses in each district. These new courses include job or vocational training, physical education, traditional crafts and courses of personal and community interest. On completion of these courses, students may receive continuing education units (CEU).

STUDENT COURSE LOAD

During the Fall and Spring semesters, 12 credit hours per semester is considered a full-time course load. Students may enroll for up to 18 credit hours per semester. In special cases, upon approval of the Department Chairpersons, this maximum load may be increased. During the summer semester, six credit hours is considered a full-time course load. In all cases, a half-time load is one-half a normal full-time load.

HOURS OF RESIDENCE

A minimum of thirty resident hours must be earned from Oglala Lakota College for consideration of awarding an associate degree or a bachelors degree. To receive an associate degree from OLC, 11 semester hours of the last 24 must be earned during the last year. To earn a bachelors degree from OLC, the last semester hours must be earned with OLC.

ENROLLMENT LIMITS

Oglala Lakota College reserves the right to cancel any class which does not have an enrollment of six or more students. The college will make every effort to offer courses requested and in a sequence which permits most students to obtain a degree in a two year cycle. To avoid class cancellations, each student should meet regularly with the district counselor in order to plan schedules for each semester.

Class size at Oglala Lakota College is limited to no more than 30 students. If need exceeds 30 students, the same course will be offered the next semester. Only 25 students can be registered for Engl 093.

ATTENDANCE

Students are required to attend class regularly. If a student wishes to be excused from a class, it is the students responsibility to clear the absence with the instructor. At that time, the student must arrange for a make-up assignment. A student may be dropped from a course after three consecutive absences at the discretion of the instructor and district director (and will be dropped after five total absences). The instructor must submit a drop card by the 15th week or a letter grade of an F.

DROP/ADD PROCEDURE

During registration and the first week of classes, a student may change their enrollment by the following procedure. Get a drop/add card, fill out the changes and obtain a signature of approval from your district counselor, registrar or Instructor and return the card to the registrar. Courses may be added or dropped during the first week of the semester. If a student discontinues a subject and fails to follow the prescribed procedure for dropping a course, it may be recorded as an F on his permanent record. If a class is dropped after the second week, the student will be liable for the total cost of tuition, and fees.

INCOMPLETES

An incomplete grade is given only when the instructor feels that special circumstances warrant it. In addition to the faculty providing all information necessary to determine an appropriate grade for the student, the student with the instructor and Department Chairperson must sign a contract. Unless stated in the contract, all incomplete grade must be made up within one calendar year.

MASTERY/REPEAT GRADE = M

The grade M indicates that the student attended class regularly, did all of the required work, but did not reach a Mastery level in the course.

- a. The grade M can be used only by instructors in developmental and freshman level skills classes which have a clearly defined mastery level.
- b. Classes which may employ the Mastery/Repeat classes are defined by the respective Department Chairs and the Vice President for Instruction.
- c. A student who receives a grade of M may retake the class by registering for it as a Mastery/Repeat class. Mastery/Repeat classes are not computed in the student's load and students are not billed for them.
- d. When a student achieves mastery in a repeated class, the grade received in the repeated class replaces the original M. grade.
- e. A student may have up to three semesters to clear an M grade. After that time, it reverts to an F.

WITHDRAWAL

A student desiring to withdraw from class must obtain a drop/add card from their local counselor or the Registrars Office. Non-withdrawal will result in a failing grade.

First Week: Nothing recorded on permanent record
Third week to end of term: W shown on permanent record

GRADE POINT AVERAGE

Graduating with an Associate of Arts or Bachelors degree from OLC requires twice as many grade points as credit hours attempted (A cumulative GPA of 2.0). Grade points are as follows:

A-4 grade points	F-0 grade points	W-not applicable
B-3 grade points	I-not application	AU-not applicable
C-2 grade points	M-Mastery/Repeat Grade,	NP-No Progress, not applicable
D-1 grade point	not applicable	SP-Satisfactory Progress, not applicable

CLASSIFICATION OF STUDENTS

Freshmen students must maintain a cumulative GPA of 1.50 up to 30 credit hours (completed). Thereafter, the student must maintain a cumulative GPA of 2.00. This is consistent with the graduation requirements at Oglala Lakota College.

TRANSFER STUDENTS

Transfer students will be responsible for maintaining a GPA of 2.00, if their total applied and Oglala Lakota College credits equal more than 30 semester hours. They will be responsible for a GPA of 1.50, if the total applied credits equal less than 30 hours.

DEGREE OR CURRICULUM CHANGES

When a student changes degree objectives, he/she will be subject to the maximum time frame of the new degree without regard to time spent pursuing the previous degree. The student must realize, that federal financial aid will be calculated according to the original time frame.

INDEPENDENT STUDY

Independent Study courses will be approved if the student meets the guidelines. The student must be in the last semester of an Associate or Bachelor Degree program and have a cumulative GPA of 3.0 or better. All Independent Studies must be recommended by the District Center Director and approved by the Department Chairperson, instructor and student. No more than six (6) credit hours per semester may be taken by Independent Study. It must be understood that some courses cannot be taken by Independent Study. All Independent Study contracts will not be processed unless it is turned into the Registrar's Office with appropriate signatures by the 6th working day after classes begin. Only full-time instructors are to teach independent study courses.

TRANSCRIPT REQUEST

Any student requesting a transcript must request it from the registrar. Any student requesting a transcript needs a complete file (High School Diploma, GED Certificate, Degree of Indian Blood, no outstanding bill to OLC). The first copy is free and any additional copies will cost \$2.00. The request must be written and signed by the student. The Registrars Office will do transcripts on Thursdays of every week.

APPLICATIONS FOR GRADUATION

It is the responsibility of the student to complete an application form for graduation and forward to the registrar the application and graduation fee of \$10.00. The district counselor and/or the advisor should make every effort to assist the student in this process. Applications must be received two semesters prior to the semester in which the student will complete the requirements for a degree. (Normally, at Fall registration). All students must have a cumulative G.P.A. of a 2.00 to graduate.

Note: If a student fails to complete the requirements for graduation by June 1st in the Spring semester in which he/she applies, the student must reapply for graduation.

REGISTRATION FOR STUDENTS WITH MORE THAN SIXTY HOURS

Students with 60 or more hours should know that only the courses for their AA Degree may transfer to another institutions four year program.

ACADEMIC PROBATION/SUSPENSION POLICY AND PROCEDURE

PROBATION POLICY

Any student who does not earn a grade point average of 2.0, (1.5 for students with 30 hours or less) in any semester enrolled or any student who has dropped all of their credit hours in the past two consecutive semesters will be placed on academic probation.

To be removed from Academic Probation a student must complete at least six (6) credit hours and complete with a grade point average of 2.0 (1.5 for students with 30 hours or less).

PROBATION PROCEDURE

Dropping courses or failing to maintain satisfactory progress:

Any student who has dropped all of their credit in the past two consecutive semesters or fails to maintain satisfactory progress will be placed on academic probationary status and must complete at least six (6) credit hours per semester with a grade point average of 2.0 (1.5 for students with 30 hours or less).

1. The student will remove themselves from academic probation only upon the successful completion of the six credit hours per semester with a grade point average of 2.0 (1.5 for students with 30 hours or less).
2. If a student does not complete the six credit hours per semester with a grade point average of 2.0 (1.5 for students with 30 hours or less) while on probation, they will be suspended for one full semester.
3. The Registrar shall initiate probationary proceedings by informing the student and District Center Director in writing (where the student has claimed to be his or her "Home Center").
4. The decision shall be binding and final for all courses offered by Oglala Lakota College, if the student is placed on probationary status by the Registrar.
5. The Registrar shall maintain an updated list of all students on probationary status.

SUSPENSION POLICY

If a student does not earn a grade point average of 2.0 (1.5 for students with 30 hours or less) while on probation, the student will be suspended for one full semester. This means the student can not enroll for one semester **(Suspension #1)**

Students will remove themselves from Academic Suspension by enrolling for only six (6) hours and earning a grade point average of 2.0 (1.5 for students with 30 hours or less) or better in any one semester after sitting out.

Should the student on suspension fail to successfully complete the six hours during academic suspension, they shall be barred from enrollment for 2 years. **(Suspension #2)**

SUSPENSION PROCEDURE

Students placed on academic suspension will be allowed to return after the one full semester suspension period on a conditional basis.

1. Students will only be allowed to enroll for six (6) credit hours in one semester after sitting out for a semester. During this time, the student must complete the six (6) credit hours with a grade point average of 2.0 (1.5 for students with 30 hours or less).
2. Should the student on suspension #1 fail to successfully complete the six hours during academic suspension #1, they shall be barred from enrollment for 2 years. This will be Suspension #2.

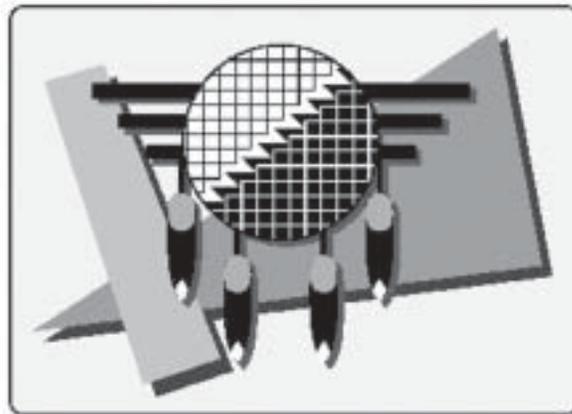
- a. The Registrar shall ordinarily initiate suspension #2 proceedings by informing the district board and center director where the student has claimed his/her "Home Center", of the student's academic record and requesting a review of their status.
- b. The District Board shall schedule a hearing and notify the student in writing to give a written or oral justification of their poor record and reasons why they expect a better record in the future.
- c. The District Board shall only allow students back into Oglala Lakota College with documented extenuating circumstances. ie: health, accidental, etc.
- d. The District Board shall notify the Registrar and the student in writing of their decision. The decision shall be binding and final for all courses offered by Oglala Lakota College.
 1. If the student is placed on academic suspension #2 status, the student will not be allowed to enroll for the next 2 years.
 2. If the District Board's decision is in favor of the student to reenroll, the student will be placed on academic suspension #1 once again.
This means the student must sit out for one semester and will remove themselves from academic suspension #1 by enrolling for only six (6) hours and earning a grade point average of 2.0 (1.5 for students with 30 hours or less) or better in any one semester after sitting out. If the student does not complete the six (6) hours with the required grade point average, the student will not be allowed to have another hearing and will be automatically be barred from all further enrollment at Oglala Lakota College for the next 2 years.
3. The Registrar shall maintain and update a list of the status of all students placed on Academic Suspension.

NOTE: The President will appoint a committee to provide all hearings for the students placed on Academic Suspension #2 from the Rapid City Extension.

ELECTRONIC INFORMATION RESOURCES ACCEPTABLE USE POLICY

Information resources offer access to computers and people throughout the world. Students and staff will have access to electronic mail, college libraries, information, news, research institutions, software, discussion groups and much more. All users should be aware that the inappropriate use of electronic information resources could be a violation of local, state, and federal laws.

Oglala Lakota College will make every effort to protect students and teachers from any misuse or abuses as a result of their experiences with an information service. By accessing Oglala Lakota College's network, you have entered into a legally binding contract by signing your registration card. The full Acceptable Use Policy is located in the Student Handbook and all students are agreeing to read the handbook and its provisions when the registration card is signed.



STUDENT SUPPORT SERVICES

Milton Fineran, Director
Beulah White Crane, Counselor - PSCC
Denise Brown Eyes, Counselor - PRCC
Vienna Red Feather, Counselor - PHCC

The Student Support Services began at Oglala Lakota College in the Fall of 1993. The project is currently in its second Grant cycle, which is funded through the Spring 2002 semester. Oglala Lakota College has built upon the past success of the current Program and is funded to serve First Generation, Low Income students who can benefit from assistance offered by our Staff, Peer Mentors and Tutors.

The SSS program is one of the TRIO programs which include: Upward Bound, for College Preparation and the McNair Scholars, a program for Graduate Study. The program staff coordinate the following services with all College Centers:

- * **Tutoring:** Most of our tutors are OLC Students who have had success in the area to be tutored. We also have professional Tutors in specific areas.
- * **Peer Mentors:** We provide newer students with iPeersî who can assist them with meeting the expectations of a College Environment. All program staff are alumni of Oglala Lakota College and all are *First Generation* College graduates.
- * **Academic enrichment:** Through advising, counseling, mentoring, skill building workshops and other activities such as AIHEC participation, the program assists the student for the duration of their studies until they graduate. Students in the Program are expected to maintain contact with staff throughout their enrollment at Oglala Lakota College.

Students wishing to receive program services should complete an SSS application during registration. For more information about the Student Support Services Program call 455-6027.



FINANCIAL AID

Shirley Brewer, Financial Aid Director
Vera Mousseau, Senior Financial Aid Assistant
Kateri Montileaux, Financial Aid Assistant
Ellen Hernandez, Financial Aid Clerk
Tess Lebeau, Co-Student Fund Accountant
Rose Fresquez, Co-Student Fund Accountant

MISSION STATEMENT:

To help those students who need assistance to further their education. Priority will be given to those people with the greatest need. Aid is administered in accordance with the applicable laws of the United States regulations and policies of the Board of Trustees and the Oglala Lakota College, regulations of the college stated in the Oglala Lakota College catalog and the policies and procedures in this manual.

PELL Grant applications should be picked up at the district centers and filled out before April 20th.

Financial Aid is available at Oglala Lakota College in the form of Grants, Employment, and Scholarships. Due to the limited amount of funds available through these aid programs, full-time (12 credit hours or more) students with high need will be given priority.

Classification of Students. Freshman students must maintain a cumulative GPA of 1.50 up to 30 credit hours (attempted). Thereafter, the student must maintain a cumulative GPA of 2.00. This is consistent with the graduation requirements at Oglala Lakota College.

Transfer Students. Transfer students will be responsible for maintaining a cumulative GPA of 2.00 if their total applied and Oglala Lakota College credits equal more than 30 semester hours. They will be responsible for a GPA of 1.50, if the total applied credits equal less than 30 hours. An academic transcript must be on file in the Registrar's Office before a student receives any Federal Student Aid.

Credit Hours Maximums. The maximum amount of hours for financial aid will be 192 hours attempted for Bachelor degrees. This will allow for curriculum changes, repeats, and enrichment course work that may be required for the field of degree. The student will receive an update, as to the amount of financial aid left, with the satisfactory progress letter at the end of each semester.

GRANTS

Pell Grant Entitlement Program (formerly called Basic Grant). Students must have the Free Application for Student Aid (FAFSA) on file. This is a federal program that offers assistance to any eligible student who needs it to attend a post secondary educational institution. The value of the award may vary from \$400.00 to \$4,050.00, depending on the amount of assistance reasonably available from the family. This award helps eligible students work toward an undergraduate degree. Once a student has earned a first Bachelors Degree, they are no longer eligible to receive PELL.

OST Higher Education Grant (formerly BIA). Presently administered by the Oglala Sioux Tribe. Students must file the OST Higher Education Grants application. Students must also have a Free Application for Federal Student Aid (FAFSA), Pell Grant Application, on file before a needs analysis can be completed and submitted to Higher Education.

FSEOG. The Federal Supplemental Opportunity Grant Program provides grants to undergraduate students who demonstrate a financial need. The average award average award to a student is \$800.00 a year.

Federal Work Study. Students employed under the Federal Work Study (FWS) Program can work a maximum of twenty hours a week, depending on the amount of the award. Students will be compensated at an amount equal to the Federal minimum wage rate. The average award is \$1,200.00 per student per semester.

Eligibility of Student:

- A. Preference to students with greatest aid eligibility.
- B. At least half time students (except during the summer session).
- C. U.S. Citizen, permanent resident, or in the United States for other than a temporary purpose.
- D. Not in Default/or owe a refund to any Title IV programs.
- E. At least one work-study student will be hired in each district college center.
- F. Assignment of FWS to district centers is contingent on satisfactory compliance by the center in developing job descriptions, recruitment, supervision and evaluation.

SCHOLARSHIP

The Student Services Committee reviews and approves the institutional scholarship at OLC. All scholarship applications must be completed and turned in by the second week of classes. Only complete applications will be considered for selection. You must fill out the application, write an essay, attach a photo and have a completed Pell on file to be considered complete. (An original photograph. No copies, no photo I.D.'s.) All students must apply for the PELL grant to be considered for any scholarship even if the student is not eligible for PELL. See the Counselors for applications or more information

Richtmyer Scholarship: In 1980, Dr. Robert Richtmyer presented Oglala Lakota College with a gift in memory of his late wife, Jane. Scholarship amounts vary depending on the amount of interest earned from the Richtmyer Endowment fund during the year. Students must present evidence of creative ability in Native American arts and crafts. The total amount of the award will not exceed \$500.00 per student per semester.

Crazy Horse Book Scholarship: This scholarship is available to cover the cost of books only. Students must be of Lakota ancestry, must be in good standing academically, demonstrates a need and must submit a letter stating their educational goals.

Wilms Scholarship: Established for the purpose of financially assisting "young Indian males" to achieve a college education. One male will be selected from each high school on the Pine Ridge Reservation. This award is also based on the interest accrued from the Wilms Scholarship Endowment fund per academic year. The categories will be in the area of humanities, arts and athletics. Criteria to be considered will be: academics, school and community activities, leadership, potential for completing college and financial need. \$500.00 will be awarded per student, in good standings, per semester.

McApline Scholarship: This scholarship is open to Indians and non-Indians. The applicant must be an incoming freshman student; enrolled full-time; and an essay of her/his dream, vision, or something that pertains to achieving her/his goals.

Fund Exchange Scholarship: Applicants must be an enrolled member of a Federally-recognized tribe, must be a potential graduate for the current academic year, have an unmet need for financial assistance, be enrolled in a least 6 credit hours, have demonstrated academic achievement and have a cumulative semester GPA of 2.0 or better.

Edith Kooyumjian: Applicant must be an O.S.T. member, enrolled in at least 6 hours, 23 years of age or older, an undergraduate student, a need to support a family, and a financial need.

Activities: Must be involved in community or student activities, enrolled in at least 6 credits hours, an unmet financial need, a letter of recommendation, a completed application and a cumulative GPA of 2.00 or better.

Lawlor: This scholarship is for students with a Lakota Studies Major, full-time enrollment, an Oglala Sioux Tribal member and an unmet financial need.

Johnson Foundation Entrepreneur: Students must be majoring in small business management or submit goals for starting a small business.

Davis: This is for students with a Voc-Ed major, enrolled member of a Federally recognized tribe and a full-time student.

Long Wolf Memorial: This is for two undergraduate students who have demonstrated potential and sincere desire to perform college level academic work. Must be a member of a federally recognized tribe, at least part-time enrollment, and demonstrate financial need.

American Indian College Fund: This is not a single scholarship, but is a number of scholarships we receive from the AICF with their own criteria and change every semester. Selections are to be decided by the Scholarship Committee.

NOTE: Students may only receive one scholarship per semester.

FINANCIAL AID REQUIREMENTS

All students must be aware of the following when applying for financial aid:

- A. The student must apply for all financial aid in a timely manner to determine if he/she will receive Financial Aid to pay for his/her educational costs. The general rule is if you plan to attend OLC, your financial aid application should be completed the semester prior to registering for classes.
- B. Selected students must verify the income they reported on the PELL Grant application. If a tax return was filed, a copy of your tax forms and verification worksheet must be in the student's file in the Financial Aid Office.
- C. Students must not be in default on a federal student loan or owe any type of federal student aid repayment.
- D. All applications should include Oglala Lakota College school code, which is **014659**.

Students who need financial aid, are urged to contact the local District College center staff or the Financial Aid Office for general information. All Federal Financial aid funding regulations state that a student receiving Federal Financial Aid must maintain satisfactory progress.

SATISFACTORY PROGRESS RULE

- A. **Full Time Student (12 credits or more)**
 1. The full time student must satisfactorily complete a minimum of 8 semester credit hours.
 2. The full time student must maintain a cumulative Grade Point Average of: Freshman - 1.50; Sophomore, Junior, Senior - 2.0.
- B. **Three Quarter Time Student**
 1. The three quarter time student (9-11 semester credit hours) must satisfactorily complete a

minimum of 6 semester credit hours.

2. The three quarter time student must maintain a cumulative Grade Point Average of:
Freshman - 1.50; Sophomore, Junior, Senior - 2.0.

C. Half Time Students

1. The half time student (6-8 semester credit hours) must satisfactorily complete a minimum of 4 semester credit hours.
2. The half time student must maintain a cumulative Grade Point Average of: Freshman -1.50; Sophomore, Junior, Senior - 2.0.

D. Less than Half Time Students

1. The less than half time student (1-5 semester credit hours) must satisfactorily complete 100% of the hours enrolled.
2. The less than half time student must maintain a cumulative Grade Point Average of:
Freshman - 1.50; Sophomore, Junior, Senior - 2.0.

**Students who have attempted less than 30 credit hours need to maintain a cumulative GPA of 1.50.

E. Review

1. Following each semester the Grade Point Average and number of credits for each Financial Aid recipient will be entered into his/her official student Financial Aid record.
2. The following are considered credit hours satisfactorily completed.
 - a. A,B,C,D.
3. The following will not be considered as credit hours completed:
 - a. M, not mastered
 - b. W, withdrawal
 - c. F, failing
 - d. I, incomplete.Courses that are repeated are considered hours attempted. In accordance with Title IV regulations, test out courses will not be paid by PELL.

F. Financial Aid Probation

If a Financial Aid recipient fails to meet the Satisfactory Progress Rule in a particular semester, the recipient will be placed on Financial Aid Probation during the succeeding semester of enrollment.

Students are still eligible to receive Financial Aid during the probationary period, but they must satisfactorily complete a minimum of 6 semester credit hours with a cumulative Grade Point Average of: 1.50 for Freshman and 2.0 for Sophomores, Juniors and Seniors.

G. Financial Aid Suspension

If a Financial Aid recipient fails to comply with requirements of the probationary period, they are placed on Financial Aid Suspension. The student will not be eligible for any type of aid until the student pays for one semester of courses on their own and meet the appropriate G.P.A. and hours satisfactorily completed.

H. Appeal of Financial Aid Suspension

1. A student may appeal suspension by indicating in writing to the Financial Aid Office by mid-term of the semester during which the student is on suspension.
 - a. Reasons why he/she did not achieve minimum academic requirements.
 - b. Reasons why his/her Financial Aid should not be terminated.
2. An appeal Committee will review the appeal and determine whether the Financial Aid suspension is justified. The student will be advised in writing of the decision of his/her appeal no later than five days after receipt of such appeal.
3. A student wishing to appeal the decision of the Appeal Committee may do so in writing to the Student Service Committee. The student must state exactly what he/she disagrees with and furnish additional pertinent data.
4. The Student Service Committee will consider any proper appeal it receives at the next regularly scheduled meeting and indicate in writing it's decision to the student by the end of the semester during which the student is on suspension.

BUSINESS OFFICE

Arlene Quist, Vice President of Business Affairs
Jean Peterson, Director of Accounting
Myreen Iron Cloud, Bookstore Manager
Colleen Mousseau-Sitting Bear, Grants/Contracts Compliance Officer
Holly Cuny, Payroll Officer
Maria Ferguson, Supplies & Inventory
Linda Little Thunder, File/Records
Kathy Pumpkin Seed-Two Crow, Accounts Payable
Stephanie Two Crow-Wilcox, Bookstore
Alicia Provost, Bookstore

BOOKS

Students who have completed the financial aid process and have been determined eligible and have enough financial aid may be allowed to charge their books. All others must pay for their books and supplies when they receive them. All previous accounts must be settled prior to the purchase of books for the current semester.

Books will be available at the district centers only on assigned days during the one week before classes begin and the first week of class. Students who do not get their books during this time period will have to pick up their books at the OLC Bookstore.

Students should call the bookstore with questions regarding returns and exchanges.

TUITION AND FEES

A. Tuition

1. Undergraduate tuition at Oglala Lakota College is \$65.00 per credit hour for students whose attendance results in "per pupil funding".*
2. Undergraduate tuition at Oglala Lakota College for any student whose attendance does not result in "per pupil funding" is \$80.00 per credit hour.*
3. Graduate tuition at Oglala Lakota College is \$100 per credit hour.

**Students who have their tribal enrollment documentation on file with Oglala Lakota College Registrar's Office before the end of the second week of classes, does result in "Per pupil funding" and will not be affected by the higher tuition. Why is this documentation required? Simply, the College's primary source of funding is a Public Law known as the "Tribally Controlled Community College Assistance Act." This law requires all who claim to be Native American to provide proof that they are an enrolled member of a Federally recognized tribe. Any student who does not provide the Registrar's Office with this information will not have the major portion of the cost of their education reimbursed to the College. Tuition and fees only cover a small fraction of the actual cost of a student's education.*

B. Tuition Assistance

1. Financial Assistance, scholarships and grants are available for those students who qualify.
2. Refunds will be made according to the refund policy.

C. Withdrawal Refund

1. Students who withdraw voluntarily from Oglala Lakota College, after classes start, may be eligible for a refund of the tuition upon the approval of the Registrar and Financial Aid Officer. Refunds will be made in accordance with the following schedule:
through the 2nd week.....100% refund.
starting the 3rd week.....0% refund.

D. Fees

1. Registration fee is \$20.00 per semester.

2. Lab fees vary in courses.
 3. Technology fee is \$4.00 per credit hour.
 4. These fees are non-refundable starting the 3rd week.
- E. Review of Tuition and Fees Schedule
1. The Oglala Lakota College schedule of tuition will be reviewed annually.

STUDENT ACTIVITY FEE

It is the policy of Oglala Lakota College to collect a pro-rated activity fee based on enrollment per semester.

12 + credits	\$50.00
9-11 credits	\$40.00
6-8 credits	\$30.00
1-5 credits	\$20.00

AUTHORIZATION

The Oglala Lakota College, specifically the Student Fund Office, shall have the authority to collect the activity fees.

TUITION, FEES, AND TEXTBOOK BILL COLLECTION

The Student Fund Accountant at Oglala Lakota College will have the authority to make collections on all outstanding tuition, fees, and book bills. The Vice President for Business Affairs shall place a hold at the OLC Registrars Office on all grades, transcripts, and diplomas of students who have outstanding tuition, fees, book bills or any other outstanding bills until such debts are fully paid. All current semester students having outstanding debts will be contacted by student funds person/counselor by mid-term or before any Financial Aid is released and be asked to sign an agreement allowing collections from current year financial aid.

Any student who is not eligible for financial aid or whose attendance does not result in "per pupil funding" for Oglala Lakota College must pay their full tuition and fees by the end of the third week of classes. Failure to pay the full tuition and fees by the third week of classes will result in an automatic drop from classes at Oglala Lakota College.

COMPUTER ACCOUNT AND NETWORK POLICY

Oglala Lakota College provides network access, including internet to students and staff to promote educational excellence. Network access provides resource sharing, innovation and communication to the Pine Ridge Reservation. Network users are responsible for their actions in accessing available resources. The user is responsible for making sure any information received does not contain pornographic material, inappropriate information, inappropriate language, or files that are potentially dangerous to the integrity of the hardware/software within school premises. Use of any information obtained via the network is at the user's own risk. Oglala Lakota College makes no warranties of any kind, whether expressed or implied, for the network facilities it is providing. Users must complete the User's Request Form to use college computers.

INSTRUCTIONAL DIVISION

Dr. C. Kim Winkelman, Vice President for Instruction
 Dr. Ursula Gaertner, Director of Institutional Assessment & Research
 Jonalynn Clifford, Assistant to the Vice President
 Troylynn Twiss, Secretary
 Dawn Clifford, Secretary
 Sheralda Mendoza, Secretary

The Instructional Division supervises all degrees and courses which grant college credit. These degrees and courses are offered through the academic departments.

OGLALA LAKOTA COLLEGE ACADEMIC PROGRAMS

<u>DEGREE</u>	<u>DEPARTMENT RESPONSIBLE</u>
Master of Arts:	
Lakota Leadership/Management	Graduate Studies
Secondary/Middle/Elementary Educational Administration Emphasis	Graduate Studies
Bachelor of Arts:	
Lakota Studies	Lakota Studies
History	Humanities
Bachelor of Science:	
Accounting	Applied Science and Technology
Business Administration	Applied Science and Technology
Business Education	Applied Science and Technology
K-8 Elementary Education	Education
ACED Elementary/Special Education	Education
General Agriculture	Agriculture and Natural Resources
Human Services	Human Services
Information Technology	Information Technology
Lakota Studies Education	Lakota Studies
Interdisciplinary Environmental Science	Math & Science
Associate of Arts:	
Accounting	Applied Science and Technology
Agriculture	Agriculture and Natural Resources
Art	Humanities
Early Childhood	Education
Elementary Education	Education
General Business	Applied Science and Technology
General Studies	Humanities
Interdisciplinary Environmental Science	Math & Science
Information Technology	Information Technology
Lakota Studies	Lakota Studies
Natural Resources Management	Agriculture and Natural Resources
Nursing	Nursing
Mathematics & Science	Math & Science
Tribal Management	Applied Science and Technology
Life Science	Math & Science
Associate of Applied Science: Carpentry, Office Automation, HVAC, Electrical, MIS, Bus. Computer Sci., Entrepreneurship, Office Technology	
Organic Gardening, Agri-Business	Applied Science & Technology
Human Services	Agriculture & National Resources
	Human Services
Additional Programs: Secondary Education Certification (Business, Lakota Studies), Lakota Language Certification, One Year Certificates in all AAS degrees (except Agri-Business), Graduate Courses - offered through all departments. Special Education K-12 endorsement certificate.	

COURSE NUMBERING SYSTEM:

The course numbering system for OLC is designed to indicate the level of difficulty of courses offered at the College.

1. The prefixes indicate the subject area of a particular course. For example: Lak - Lakota Studies.
2. The first number indicates the academic level of the course.

0 - developmental courses	4 - senior courses
1 - freshman courses	5-7 - masterís level courses
2 - sophomore courses	8-9 - doctoral level courses
3 - junior courses	
3. The second number indicates the sequence of courses.
4. The third number indicates the number of credits for the course. Zero (0) is used for courses which have variable credit.
5. L is the first letter of all Lakota Studies Department courses. The letters which follow indicate the academic discipline. For example: LSoc indicates a Lakota Studies course which is also a sociology course.

ACADEMIC PROGRAMS

All degree students are required to take certain courses in order to receive a degree. These requirements are called General Area or CORE requirements. The CORE requirements are slightly different dependent upon the type of degree being sought.

BA/BS CORE Requirements	Cr.
CoSu 103 College Success	3
Engl 103 Freshman English I	3
Engl 113 Freshman English II	3
SpCm 103 Speech Communications	3
Math 134 Intermediate Algebra or above	4
CSc 113 Applied Information Processing or Above	3
Science	3
Social Science	3
Humanities	3
Literature	<u>3</u>
credits:	31
AA CORE Requirements	Cr.
CoSu 103 College Success	3
Engl 103 Freshman English I	3
Engl 113 Freshman English II	3
SpCm 103 Speech Communications	3
Humanities	3
Mathematics (at the 100 level or above)	3
Science	3
Social Science	<u>3</u>
credits:	24
AAS CORE Requirements	Cr.
CoSu 103 College Success (Not required for Perkins students only)	3
Engl 103 Freshman English I (OEd 163 I-Perkins students only)	3
Engl 113 Freshman English II (OEd 263 II-Perkins students only)	3
SpCm 103 Speech Communications or OEd 163 Business Communications I	3
Math 103, BMath 113 or BMath 153	3
Social Science	<u>3</u>
credits:	18

The core science requirement can be fulfilled from courses designated as:

- | | |
|---------|---------|
| 1. AnSc | 4. Phys |
| 2. Chem | 5. Bio |
| 3. PSc | 6. NaRs |

The humanities requirement can be fulfilled from courses designated as:

- | | | |
|--------|---------|---------|
| 1. Mus | 3. Phil | 5. Thtr |
| 2. Art | 4. Lit | |

Education methods classes will not meet the humanities requirement.

The social science requirement can be fulfilled by courses designated as:

- | | |
|---------|---------|
| 1. Hist | 4. Pols |
| 2. Soc | 5. Econ |
| 3. Geog | 6. Psy |

LAKOTA STUDIES REQUIREMENTS

As a tribally chartered college, OLC promotes the specific areas of Lakota history and culture as well as the general area of Indian studies. Every graduate is required to complete several courses from the Lakota Studies curriculum. In addition all courses at OLC reflect a Lakota perspective.

LAKOTA STUDIES REQUIREMENTS BA/BS	CR.
Lak 103 Lakota Language I	3
Lak 113 Lakota Language II	3
LSoc 103 Lakota Culture, LHist 203, or LHist 213	3
Lakota Electives	<u>6</u>
required:	15
LAKOTA STUDIES REQUIREMENTS AA	
Lak 103 Lakota Language I	3
LSoc 103 Lakota Culture, LHist 203, or LHist 213	3
Electives (recommend Lakota Language II or higher)	<u>3</u>
required:	9
LAKOTA STUDIES REQUIREMENTS AAS/CERTIFICATE	
Lak 103 Lakota Language I	3
Electives	<u>3</u>
	6

ATTENTION ALL NEW STUDENTS

Placement Tests and Developmental Courses Policy (70-300 - College Policy Manual)

All students will take placement tests in English, Reading, and Mathematics to determine their readiness to register for college level courses.

Students whose skills require developmental work **must** register in the appropriate developmental course (any or all of: English Reading and Writing, and Mathematics).

A student may register for only a select set of college level courses until the student has passed all appropriate developmental courses with a satisfactory grade. *See the accompanying flowchart for the list of college level courses available for registration.

A student who cannot pass the developmental courses after having taken them twice will be referred to other services and should not register for regular college courses.

Developmental courses do not count toward total credit hour requirements for graduation.

Attention: New Student Roadmap

1. All new students (including transfer students) must fill out an admission form for the registrar. Then the student will be issued an ID number. The ID number will be used to register the student for classes.
2. All new students (including transfer students without English or Reading credits) must complete the computerized COMPASS Placement test and write an essay. The results of these placement tests will determine which of the following courses the student will be required to take.

R&W 083	Introduction to College Reading and Writing
R&W 093	Transition to College Reading and Writing
CoSu 103	College Success
Eng 103	Freshman English I

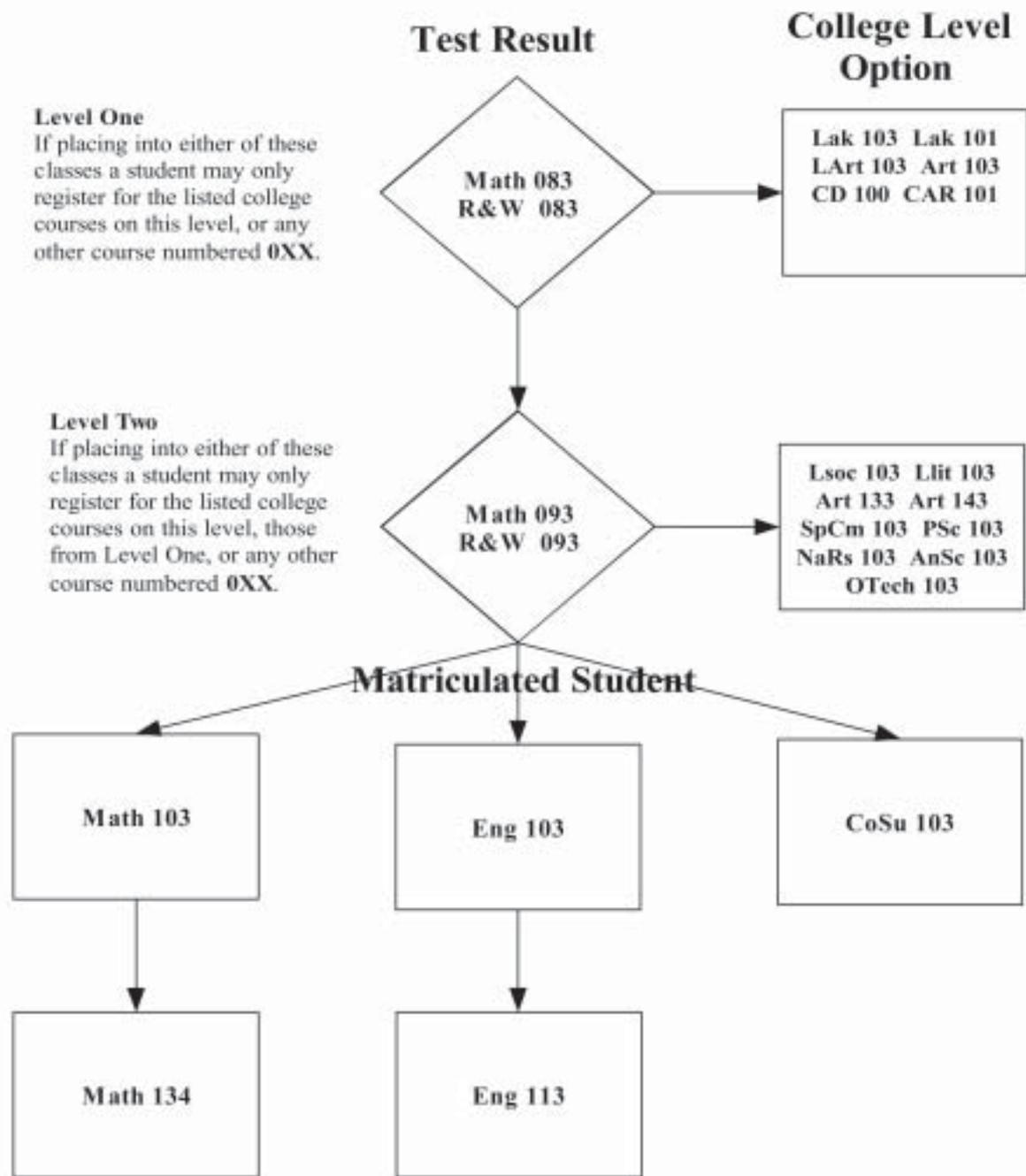
In addition, all new students must complete the Math Placement Test. The results of this placement test will determine which of the following courses the student will be required take:

Math 083	Basic Mathematics I
Math 093	Basic Mathematics II
Math 103	Elementary Algebra

3. Students are required to take the course in which they place.
4. CoSu 103 College Success and Eng 103 Freshman English I are college-level core requirements which all students must take for any degree program. These courses are designed to improve reading, study skills and writing needed for college success. Math 103 is a required course for many Associate level degree programs. It is also the prerequisite course for Math 134 Intermediate Algebra, the core mathematics requirement for a Baccalaureate programs.
5. All new students need to bring copies of their high school diploma or General Education Diploma (GED) and Degree of Indian Blood (DIB) to the registrar. Those students who are transferring from another institution need to provide college transcripts as well as a diploma and DIB.



Placement Test and Registration Flowchart



Core Competencies

There are some basic skills that are expected of anyone with a college degree. These competencies are required to pursue any of the degree programs offered by Oglala Lakota College. It is expected that students will devote the first several semesters of their college careers to acquiring these basic skills.

Reading and Writing

There are a number of courses which help you with the skills of reading and writing. See the section on placement to determine where you should begin with these courses.

- R&W 083
- R&W 093
- CoSu 103
- Engl 103
- Engl 113

Speech

The ability to present and defend positions verbally is a basic skill. There is a course designed to develop these skills.

- i SpCm 103

Quantitative Reasoning and Computation

Basic mathematical skills are required in all fields. There are several courses dedicated to these skills. Most degree programs require more than minimal competence in this area. See the section on placement to determine where you should begin with these courses.

- Math 083
- Math 093
- Math 103

Information Technology

In the modern world, some familiarity with information technology is necessary in every field. Courses in this area include both basic ability to interact (keyboarding) and basic computer skills. There are placement exams to determine the appropriate starting level for keyboarding.

- KBD 093
- KBD 103
- CSC 113

Physical Science

Some knowledge of basic biological and physical processes and how they are studied is essential to living in modern society.

- Bio 103
- Bio 113
- Phys 113
- AnSc 103
- NaRs 103
- PSc 103

Literature, Art, Music

College graduates are expected to have a basic familiarity with cultural and artistic expression. Familiarity with the literature of other cultures is a good way to broaden one's understanding of the richness of human culture.

- Lit
- Art
- Mus
- Hum

Social Sciences

Knowledge of people, groups, and institutions is important both for relating to and interacting with others, and for developing increased self understanding.

- Soc 103
- Psy 103
- Economics
- Political Science
- History

Lakota Language and Culture

Oglala Lakota College is a Lakota institution, and a basic element of the mission of the college is preservation and promotion of Lakota language and culture. Basic competencies and Lakota language and culture are expected of all OLC graduates. For new students with competency in Lakota language, it is possible to obtain credit by examination for some Lakota language courses.

- Lak 103
- LSoc 103

Two year Core requirements status sheet road map

Core Requirements: (24 Credits)	Where Taken	Date	Grade
R&W 083 Introduction to College Reading and Writing	_____		
R&W 093 Transition to College Reading and Writing	_____		
Engl 103 Freshman English I	3 _____		
Engl 113 Freshman English II	3 _____		
CoSu 103 College Success	3 _____		
SpCm 103 Speech Communications	3 _____		
Math 083 Basic Mathematics I	_____		
Math 093 Basic Mathematics II	_____		
Math(100 level or above, see status sheet in your major)	3 _____		
Social Science Elective (See status sheet in your major)	3 _____		
Humanities Elective (See status sheet in your major)	3 _____		
Science Elective (See status sheet in your major)	3 _____		
Lakota Studies Requirements: (15 Credits)			
Lak 103 Lakota Language I	3 _____		
LSoc103, LHist 203 or LHist 213	3 _____		
Elective (recommend Lakota Language II or higher)	3 _____		

ASSESSMENT OF STUDENT ACADEMIC ACHIEVEMENT:

Oglala Lakota College is committed to continuous improvement of student learning. To realize this goal, all students in Associate, Baccalaureate, and Master degree programs will have the opportunity to participate in assessment activities before they graduate. Assessment activities will consist in ascertaining what students have learned in general subjects such as Reading, Writing, Mathematics, and Lakota cultural awareness. In addition, individual academic departments will assess student learning in their major.

The purposes of assessment are:

- * To provide information to students and faculty about individual progress and to use the results to enhance student learning.
- * To improve instructional and curricular processes.
- * To accomplish the college's purposes of producing outstanding graduates by encouraging high student learning expectations.

Information about assessment can be obtained from instructional sites, academic departments and the Institutional Assessment and Research Office.

Woksape Tipi **Learning Resource Center** **Front desk 455-6069**

Ann Rutherford, Director, 455-6065

Michelle May, Assistant Director, 455-6064

Wilma Witt, A/V Coordinator

Agnes Gay, Circulation Clerk

Louis Little White Man, Reference Service Technician

The Woksape Tipi, "House of Wisdom," is the Learning Resource Center located at Piya Wiconi in the Pejuta Haka district and serves ten branch libraries located at the ten college centers. We are the public as well as the academic library for the Pine Ridge Reservation. We are a full partner with AgNic, the National Agriculture Library, and are recognized as the national authority on Bison, agriculturally, economically and culturally.

- ∑ Library catalog - on our online reference page at: <http://www.olc.edu/library/libdex.htm>
- ∑ SDLN - South Dakota Library Network, the card catalog for the state's libraries, found on our online reference page
- ∑ EBSCO databases for academic research, including nursing journals
- ∑ Large reference collection at each branch in each center

The library provides opportunities to acquire information, materials and skills that will support current educational pursuits and aid in enriching personal lives, encouraging lifelong learning. The library collection contains:

- ∑ Over 20,000 volumes of print materials
- ∑ 1600 nonprint items
- ∑ Subscribes to 138 journals and newspapers
- ∑ Special collections include:
- ∑ Extensive reference collection
- ∑ Lakota collection - found in our Reference collection
- ∑ Teacher resource collection
- ∑ Wakanyeja (Children's) Collection

We provide classes for instructors concerning:

- ∑ Information Literacy
- ∑ Web Page Evaluation
- ∑ Writing Research Model ñ Big6
- ∑ Use of the library, online catalog, and access to professional journals

The Learning Resource Centerís service hours are from 8:30 a.m. to 5:00 p.m. on Monday through Friday. We invite community members to use the materials at any of our 11 libraries.

**Learning Resource Center
Oglala Lakota College Archives**

Joel Minor, Archivist
455-6063, jminor@olc.edu

Holdings

The Oglala Lakota College Archives is the official archival repository of OLC, the American Indian Higher Education Consortium (AIHEC), and the Pine Ridge Reservation. In addition, the Archives hold extensive records from the Oglala Sioux Tribe (OST) as well as special collections acquired from various sources. Presently the Archives is divided into three collections:

- ∑ Artifacts, consisting of objects such as drums, buffalo skins, pipes and headdresses
- ∑ Special Collections, consisting of historical documents donated largely by individual members which collectively document the social history of the Oglala Lakota people
- ∑ Institutional records, consisting of the administrative records of OLC, OST and AIHEC.

The Artifacts Collection is the smallest of the three. Special Collections contains the most diverse set of media. While it is far smaller than the Institutional Collection, its unique contents cover a wide chronological range and offer important perspectives on a broad range of Lakota institutions, including villages, churches, public schools and political institutions. Special Collections is arranged into seven sections: manuscripts, microfilm, video, audio, photographs, maps/blueprints/posters, and rare books. The institutional records comprise by far the largest collection in the archives, representing about 80% of the entire archival holdings

Statement of Purpose

The purpose of the OLC Archives is to collect, preserve and make accessible for research the permanent records of Oglala Lakota College and the American Indian Higher Education Consortium. The OLC Archives also collects, preserves and makes accessible historical and cultural records of the Oglala Lakota people, the Lakota Nation, and other Native Americans. Sources for these records include government agencies, private foundations, the business community, other tribal organizations, and individuals.

Some examples of the kinds of historical and cultural materials the OLC Archives will acquire are: personal papers (e.g., diaries, letters, manuscripts); oral and written histories; pamphlets and other printed material; publications of organizations; meeting minutes; maps; family photographs; and official records of churches, businesses and schools.

Access to the Archives

Research hours are from 8:30 to 5:00, Monday through Friday, by appointment if possible. The Archivist will answer e-mail and phone requests as well. Most archival collections are not currently processed; however, most are accessible to researchers. Policies, forms, the fee schedule and current inventories are available on-line at: <http://www.olc.edu/library/olcarchvs.htm> and use the historical institutional materials

HUMANITIES AND LANGUAGE ARTS DEPARTMENT

Holly Rae Boomer, Ph.D., Dept. Chair/Literature
Anthony Fresquez, Communication
Gary Jones, Speech and English
Kim HeCrow, College Success & Composition
Janet Red Feather, Literature & Composition
Shannon Calitri-Smith, History
Martin Red Bear, Art & Humanities
Jean Reeves, Coordinator for College Readiness Program

The Humanities and Language Arts Department provides core requirement courses for all degree programs. Courses are designed to promote critical thinking, expression through writing, to acquaint students with a multi-cultural perspective, and to understand cultures through literature and historical development. The department is committed to an education which promotes wholeness, excellence, and well-being.

ASSOCIATE OF ARTS DEGREE IN GENERAL STUDIES (Transfer Degree)

The General Studies Degree is designed to serve students seeking substantial foundation in several different fields, rather than more intensive work in a single major. This program provides a broad background in the humanities, social sciences, and natural sciences. A combination of courses from electives in other program areas can be arranged for the student based on interests and probable needs.

The General Studies Department has developed the Associate of Arts as a transfer degree for those students in General Studies who plan to pursue a four year degree in the liberal arts or sciences after they leave Oglala Lakota College. Students who undertake this recommended program can complete most of the freshman and sophomore courses required at most four year transfer institutions. In addition, completion of this recommended program will also allow the student to complete all the degree requirements for graduation from Oglala Lakota College in General Studies.

ASSOCIATE OF ARTS DEGREE IN ART

This degree is designed to prepare students for transfer to institutions with four year fine art programs.

BACHELOR OF ARTS IN HISTORY

The purpose and objectives of the history program are to foster critical thinking skills and multi-cultural awareness, preserve and interpret the human past, promote scholarly research, and to prepare students for careers in history and related fields.

OLC's history program incorporates Lakota, Native American, and Indigenous Peoples' perspectives and is designed to tie current issues in our lives to past events. Non-Western (Euro-American) values and interpretations are integrated into our curriculum and students are taught how to think critically about the past using techniques from multiple cultural perspectives.

Classes are hands-on, interesting, and challenging. Instructors work hard to make history come alive in a stimulating, creative, and *fun* learning environment. The history program is dedicated to training the next generation of Native American History scholars, authors, teachers, archivists, and museum curators.

DISCLAIMER - History Degree: 2003-2004

As documented in the Spring 2003 Tribal College Journal of American Indian Higher Education, history programs in tribal colleges are thriving. The Pine Ridge Reservation encompasses some of the richest history in the Americas. OLC should offer an exciting history curriculum that trains students in the methods of researching, writing, presenting, and teaching history.

In order to attract students to this discipline, the current curriculum offered in the history program needed to be revised to reflect the needs and interests of OLC's student body and recent scholarship in history. To make the program more practical, the History department designed a new curriculum with exciting and relevant courses focusing on Lakota, Native American, and Indigenous Peoples History. Many of the courses are "hands-on" practicum courses where students learn how to interpret and analyze history.

This new curriculum proposes to delete ten and significantly revise four of the current 22 courses, and then add four completely new courses for a total of 16 courses. By combining these courses with four Lakota History courses offered by the Lakota Studies department and using customized "Special Topics of History" courses available at the 200, 300, and 400 levels, a flexible and highly-tailored degree can be developed for each student.

The curriculum change proposal for the History department's new program will pilot for the 2003-2004 academic year pending BOT approval. During this pilot year, the program will undergo a curriculum review, a needs assessment survey and marketing research. OLC wants the students to be aware of this significant change. Thank you for your consideration.



HUMANITIES & LANGUAGE ARTS DEPARTMENT BACHELOR OF ARTS IN HISTORY

		where taken	date	grade
1. CORE REQUIREMENTS (34 credits)				
CoSu 103	College Success	3	_____	_____
SpCm 103	Speech Communications	3	_____	_____
Engl 103*	Freshman English I	3	_____	_____
Engl 113*	Freshman English II	3	_____	_____
Math 154*	College Algebra	4	_____	_____
Math 183*	Understanding Statistics	3	_____	_____
CSc 113	Applied Information Processing	3	_____	_____
Bio 113	People & the Environment	3	_____	_____
Geog 213*	World Regional Geography	3	_____	_____
Pols 103*	America Government	3	_____	_____
	Humanities Elective	3	_____	_____
2. LAKOTA STUDIES REQUIREMENTS (33 credits)				
Lak 103	Lakota Language I	3	_____	_____
Lak 233*	Lakota Language II	3	_____	_____
LLit 103*	Lakota Oral Literature	3	_____	_____
LPol 213*	American Indian Political Systems	3	_____	_____
LPol 223*	Lakota Tribal Law, Treaties, and Gov't	3	_____	_____
LHist 203	Lakota History I	3	_____	_____
LHist 213*	Lakota History II	3	_____	_____
LHist 323*	Seminar in Contemporary Indian Issues	3	_____	_____
LHist 353*	Lakota U.S. Military Confrontations	3	_____	_____
	Lakota Studies Elective	3	_____	_____
	Lakota Studies Elective	3	_____	_____
3. LOWER DIVISION HISTORY REQUIREMENTS (18 credits)				
HISA 203*	American History I - Early American	3	_____	_____
HISA 213*	American History II - Slavery/Civil War	3	_____	_____
HISA 223*	American History III - America Since 1890	3	_____	_____
Hist 233*	Themes in World History I	3	_____	_____
Hist 223*	Themes in World History II	3	_____	_____
Hist 253*	The Practice of History	3	_____	_____
4. UPPER DIVISION HISTORY REQUIREMENTS (24 credits)				
HISA 303*	American Indian History I	3	_____	_____
HISA 313*	American Indian History II	3	_____	_____

HISA 323*	Indians, Museums, and Archives	3 _____
HISA 333*	Western American History	3 _____
HISA 403*	Modern Imperialism/Indigenous Peoples	3 _____
HISA 413*	Senior Thesis (Required)	3 _____
HISA 300/400	History Elective	3 _____
HISA 300/400	History Elective	3 _____

5. FREE ELECTIVES (18 credits)

Elective	3 _____

TOTAL: 127 credits



HUMANITIES & LANGUAGE ARTS DEPARTMENT

ASSOCIATE OF ARTS DEGREE IN ART

This program provides a basis for meeting a majority of requirements at most colleges and to receive this degree at OLC.

		where		
		taken	date	grade
1. CORE REQUIREMENTS (28 credits)				
CoSu 103	College Success	3	_____	_____
Engl 103*	Freshman English I	3	_____	_____
Engl 113*	Freshman English II	3	_____	_____
SpCm 103	Speech Communications	3	_____	_____
Math 134*	Intermediate Algebra	4	_____	_____
	Science (any 100 level course or higher)	3	_____	_____
	Social Science Elective	3	_____	_____
Art 303	Art History I	3	_____	_____
Art 313	Art History II	3	_____	_____

(Students going for the A.A. degree in Art are required to take Art History I & II in place of Humanities I & II.)

2. LAKOTA STUDIES (15 credits)

Lak 103	Lakota Language I	3	_____	_____
Lak 233*	Lakota Language II	3	_____	_____
Lak 203	Lakota History Or LSoc 103 Lakota Culture	3	_____	_____
LArt 103	Traditional Lakota Arts I	3	_____	_____
LArt 213	Plains Indian Design Composition	3	_____	_____

3. ART REQUIREMENTS (12 credits)

Art 103	Drawing I	3	_____	_____
Art 113	The Business of Art	3	_____	_____
Art 123	Two-Dimensional Design	3	_____	_____
Art 233	Three-Dimensional Design	3	_____	_____

4. ARTELECTIVES (15 credits)

_____		3	_____	_____
_____		3	_____	_____
_____		3	_____	_____
_____		3	_____	_____
_____		3	_____	_____

TOTAL: 70 CREDITS

HUMANITIES & LANGUAGE ARTS DEPARTMENT ASSOCIATE OF ARTS DEGREE IN GENERAL STUDIES (TRANSFER DEGREE)

This program provides a basis for meeting a majority of requirements at most colleges and to receive this degree at OLC.

	where taken	date	grade
1. CORE REQUIREMENTS (22 credits)			
CoSu 103 College Success	3	_____	_____
Engl 103* Freshman English I	3	_____	_____
Engl 113* Freshman English II	3	_____	_____
SpCm 103 Speech Communications	3	_____	_____
Math 134* Intermediate Algebra	4	_____	_____
Computer Science (any 100 level course or higher)	3	_____	_____
Any Social Science Course	3	_____	_____
2. LAKOTA STUDIES (15 credits)			
Lak 103 Lakota Language I	3	_____	_____
Lak 233* Lakota Language II	3	_____	_____
Any Lakota History or Culture course	3	_____	_____
Lakota Electives	6	_____	_____
(Courses designated history or humanities do not meet this requirement. Only Lakota Studies courses do. Policy effective Fall, 1987)			
3. DISTRIBUTION REQUIREMENTS (15 credits)			
Humanities	3	_____	_____
Literature	3	_____	_____
Science Electives (6 hours)	3	_____	_____
	3	_____	_____
History (Any American or World History course)	3	_____	_____
(Lakota Studies classes will not meet Humanities and History requirements for General Studies majors. Policy effective Fall, 1987.)			
4. FREE ELECTIVES (18 credits)			
These may be achieved in any discipline combination. Credits below 100 level will not be counted toward graduation. Students must have a 2.5 G.P.A. to graduate.			
_____	3	_____	_____
_____	3	_____	_____
_____	3	_____	_____
_____	3	_____	_____
_____	3	_____	_____
_____	3	_____	_____
	TOTAL: 70 CREDITS		

HUMANITIES COURSES

ART COURSES

Art 103 Drawing I

A course designed for beginning students in art. The course includes basic principles of drawing objects, perspective, and composition. 3 credits

Art 113 The Business of Art

An exploration of the tools and strategies required for pursuing and managing a career in the visual arts. 3 credits

Art 123 Two-Dimensional Design

A problem solving course which addresses the tangible principles and elements of design. Via tools, materials, and processes students explore basic elements such as point, line, plane, volume, space, and pattern. Design applications in all the visual disciplines are studied.

3 credits

Art 133 Introduction to Watercolor

An introduction to techniques of watercolor painting. 3 credits

Art 143 Introduction to Oil Painting

A course designed for students without previous art experience who wish to explore oils. 3 credits

Art 153 School Arts and Crafts (formerly Art 142)

This course is designed to give future teachers practical arts and crafts experience and to develop an understanding of art education in relation to the growth and development of children. The course will also provide practice in two and three dimensional arts utilizing paints, crayons, ink, color markers, etc., along with practice in classroom crafts (mobiles, paper mache, etc.).

3 credits

Art 163 Introduction to Sculpture

Introduction to sculptural tools, materials, and processes. Students will experience both the additive and the subtractive processes using materials such as wood, clay, and plaster.

3 credits

Art 173 Introduction to Ceramics

A study of the forms, methods, materials, and the characteristics of ceramics. Basic hand building techniques are explored in addition to contemporary concepts and ideas.

3 credits

Art 183 Perspective

Students learn how to represent objects and figures in space by relating them to horizons and vanishing points. Problems include: division of objects receding from ground plans in two-point perspective.

3 credits

Art 213 Anatomy

Guides the student through a detailed examination and analysis of the human skeleton including the interrelationship and relative proportion of each bone. Students explore the nature and function of each set of muscles and learn how the skeleton and musculature is made apparent on the surface of the body.

3 credits

Art 223 Drawing II

This course is designed to instill the student with an unending interest in the graphic analysis of form, conceptual thinking, and the presentation of variety of drawing created in class. This course encourages students to integrate all of their skills in producing drawings from life in a variety of color media.

3 credits

Art 203 Color Theory

This course teaches the use of color as a design element by introducing students to a number of color systems.

3 credits

Art 233 Three-Dimensional Design

A problem solving course which addresses the tangible principles and elements of three-dimensional design. Using a variety of materials and processes, students explore basic elements such as volumes, mass, weight, light, gravity, and basic structure.

3 credits

Art 243 Art Appreciation

This course encourages students to be active participants in art. In addition the course introduces the students to the necessary critical tools for analyzing art and heightens their awareness of the historical context behind the ideas about western and non-western art. Prerequisite: Engl 113.

3 credits

Art 303 Art History I

Introduces the student to the history of art as it pertains to Western Civilization. It covers the following periods: Primitive, Egyptian, Greek, Roman, Early Christian, Byzantine, Middle Ages, Gothic, Renaissance, and Mannerism. 3 credits

Art 313 Art History II

A continuing introduction to the history of art as it pertains to Western Civilization. This survey covers the following: Baroque Art, 18th and 19th Century Art, Neo-Classicism, Romanticism, Impressionism, Expressionism, The Cubist Epoch, and 20th Century Abstract Art.

3 credits

Art 290/490 Special Topics in Art

A study of selected topics in art. Topics will change each semester and may be repeated for credit. Credit may vary from one (1) to three (3) credits. When taken at the 200 level, it is expected that the student will do sophomore level work. A 400 level implies a senior level course with extensive work expected.

1-3 credits

MUSIC COURSES

Mus 203 Music and Culture

A study of various musical styles and related cultural phenomena in relation to both western and non-western worlds. Emphasis upon composers, musical trends, literature, elements of melody, rhythm, form, and expression. Required of all Education Majors. Prerequisite: Engl 113.

3 credits.

Mus 290/490 Special Topics in Music

A study of selected topics in music. Topics will change each semester and may be repeated for credit. Credit may vary from one (1) to three (3) credits. When taken at the 200 level, it is expected that the student will do sophomore level work. A 400 level implies a senior level course with extensive work expected.

1-3 credits

LITERATURE COURSES

Lit 203 Introduction to Literature

The goal of this course is to introduce students to a variety of literary styles or genres and to increase reading and analytical skills necessary in the study of literature. A variety of literary genres will be studied including poetry, drama, short fiction, and the novel. Prerequisite: Engl 103, CoSu 103.

3 credits

Lit 303 Reading Children's Literature

A presentation of the best literature available for children in a variety of media: books, short films, video. Students study criteria for evaluating these books and ways of using them in the elementary classroom. The text is supplemented by bibliographies of Native American works. Prerequisite: Engl 103 and CoSu 103.

3 credits

Lit 313 World Literature

Reading in translation from the literature of the Orient, the Greeks, modern European, and Third World nations. The course acquaints students with the world's literary masterpieces, widens the student's cultural background, and develops a sympathetic understanding of other cultures. Prerequisite: Engl 103 and CoSu 103. 3 credits

Lit 333 Minority Literature

This class will introduce the student to works of fiction, biographies, commentaries, films, videos, field trips, etc., by and about minority writers. Teaching perspectives of minority writers through historical, social, and cultural contexts will permit a better understanding of the oral and written traditions of minority peoples. The course acquaints students with contemporary minority authors. Prerequisite: Engl 103 and CoSu 103

3 credits

Lit 290/490 Special Topics in Literature

A study of selected topics in literature. Topics will change each semester and may be repeated for credit. Credit may vary from one (1) to three (3) credits. When taken at the 200 level it is expected that the student will do sophomore level work. A 400 level implies a senior level course with extensive work expected. Prerequisite: Engl 103 and CoSu 103.

1-3 credits

GENERAL HUMANITIES COURSES

Hum 203 Introduction to Philosophy and Critical Thinking

Will acquaint the student with the meaning, aim, scope, and language of philosophy in relation to both western and non-western worlds. Traditional problems of philosophy and how these relate to the individual's philosophy of life will be incorporated. Will also introduce the student to logic, ordinary discourse, and the basic methods used for analyzing problems and situations with logical coherence. Prerequisite: Engl 113 and CoSu 103. 3 credits

Hum 303 Explorations in the Humanities: Art, Music and Ideas I

A study of representative contributions made by the musical, visual and literary arts to the quality of both Western and non-Western civilizations. Students will study the interrelationships between art, music, and ideas in a given historical period. The focus will be thematic and cross-cultural, as well as, generally chronological. Exposure to a variety of art forms, firsthand experience through field trips, and hands-on experiential assignments will all be included in course content. The course covers the Classical period through the Renaissance. Prerequisite: Engl 113 and CoSu 103.

3 credits

Hum 313 Explorations in the Humanities: Art, Music and Ideas II

This course is a continuation of Hum 303 and courses should be taken in sequence. It continues the study of representative contributions made by the musical, visual and literary arts to the quality of Western and non-Western civilizations. The course covers the early Baroque Period through the Twentieth Century. Prerequisite: Engl 113 and CoSu 103, Hum 303 (If only one Hum course is required, then student may choose Hum 303 or 313.)

3 credits

Hum 290/490 Special Topics in the Humanities

A study of selected topics in the humanities. This can include language as well as multidisciplinary courses in the humanities. Topics will change from semester to semester, and thus students may take more than one course under the same course number. Credit may vary from one (1) to three (3) credits. When taken at the 200 level, it is expected that the student will do sophomore level work. A 400 level implies a senior level course with extensive work expected.

1-3 credits

LANGUAGEARTSCOURSES

SPEECH COURSES

SpCm 103 Introduction to Speech Communications

An introduction to public speaking which emphasizes giving the student exposure to a variety of speech situations. Skills studied in this class will help students to be more effective not only in college classes, but in community and district meetings, as a member of community groups and boards, and in other public speaking situations.

3 credits

SpCm 290/490 Selected Topics in Speech

A study of selected topics in speech. Topics will change each semester and may be repeated for credit. Credit may vary from one (1) to three (3) credits. When taken at the 200 level, it is expected that the student will do sophomore level work. A 400 level implies a senior level course with extensive work expected.

1-3 credits

COLLEGE SUCCESS COURSES

R&W 083 Introduction to College Reading and Writing

This is the introductory course for college reading and writing. The course provides reading skills and vocabulary development including understanding and usage of basic phonic skills, common sight-word recognition, understanding syllables and multi-syllable word division and usage of dictionaries and thesauruses. R&W 083 will review basic grammar with an emphasis on sentence structure, mechanics, paragraph organization and multi-paragraph development. Placement in this course is determined by testing.

3 credits

R&W 093 Transition to Reading and Writing

This is the transitional course for college reading and writing. The course will provide ongoing reading skill development including an understanding and recognition of main ideas, use of context clues, fact-finding, vocabulary in context, identifying transition usage, supporting details, predicting outcomes, drawing conclusions, and summarizing. R&W 093 builds on the skills developed in the 083 introductory course with an emphasis on paragraph organization and essay development. Placement in this course is determined by testing.

3 credits

CoSu 103 College Success

This course is designed to analyze the reading and writing process, study skills, and personal development needed for success in college. This course is a CORE requirement. The analysis of the reading and writing will address reading comprehension and writing competency strategies. Study skills are reviewed and applied in relation to college level success strategies. Personal development will explore individual growth strategies. Placement in this course is determined by testing.

3 credits

ENGLISH COURSES

Engl 103 Freshman English I

A course which helps the student develop writing skills using rhetorical strategies (such as definition, compare/contrast) in college-related writing situations. The course uses Native American authors as models in many assignments and discussions. Prerequisite: R&W 093 or placement.

3 credits

Engl 113 Freshman English II

A course which stresses the writing skills students need in conducting research and writing formal research papers in their college classes. Similar skills are also useful in writing reports and grants on the job. Required for graduation. Prerequisite: Engl 103 at exit and CoSu 103.

3 credits

Engl 203 Creative Writing

This course is designed to help students interested in the techniques of writing fiction, drama, and poetry. Students taking this course will be encouraged to submit original manuscripts for publication and the course will require supervised practice in original creative compositions. Prerequisite: Engl 103 and CoSu 103.

3 credits

Engl 193 Writing the College Essay

A course designed for students who have completed their regular freshman English sequence through Engl 103 but still need more work in college related writing, especially the essay. Extensive practice with a variety of essay styles will be provided, as well as individualized and group instruction in English usage and mechanics. Prerequisite: Engl 103 and CoSu 103.

3 credits

Engl 223 Advanced Composition: Writing Your Family and Community History

Students continue and further develop the research and writing skills learned in Engl 103 and 113 by writing family and community histories. Students are expected to use primary and secondary sources from the library, archives, and community. This class can be taken for English or History credit. As a history class it is listed as Hist 243 (See history listings). Prerequisite: Engl 113 and CoSu 103.

3 credits

Engl 290/490 Special Topics in English

A study of selected topics in the area of English composition and creative writing. Topics will change each semester and may be repeated for credit. Credits may vary from one (1) to three (3) credits. When taken at the 200 level, it is expected that the student will do sophomore level work. A 400 level implies a senior level course with extensive work expected.

1-3 credits

Engl 303 Grammar and Linguistics for the Elementary School Teacher

A study of language usage and English grammar. Topics include a study of current approaches to English grammar and language use. The class will also discuss the relationships between English and Lakota language structures. Prerequisite: Engl 113 and CoSu 103. Admission to Teacher Education required for Education majors only.

3 credits

Engl 483/503 Advanced Writing for Graduate Work

A course designed for new graduate students or students preparing for graduate study. The course will stress extensive work with the literature search: computer searches, reviews of bibliographies, a variety of Reader's Guides, and other indexes. Students will study a variety of well written professional articles in several fields as writing models. Students will write several short research papers and one long research paper based largely upon library research. Senior or graduate standing.

3 credits

SOCIAL SCIENCE COURSES

POLITICAL SCIENCE COURSES

Pols 103 American Government

A survey of the history, structure and functioning of the federal government and its agencies. Attention is focused on formal and informal influence and decision making at the national and international level. Required of all Education and General Studies majors. Prerequisite: Engl 113 with "C" or better

3 credits

Pols 313 Comparative Government

A comparative analysis of the international political system which examines ideology, structures, legitimacy, and contemporary world politics. Hist 223 is recommended as preparation. Prerequisites: Engl 113 and CoSu 103. 3 credits

Pols 323/Geog 323 Political Geography

This course examines geographic factors in relation to current trends in international relations and governmental politics. Topics include: racial and ethnic groups; religious structures and movements; boundaries and territorial change; patterns of migration and immigration; language as a centripetal or centrifugal force; and the geopolitics of war and peace. Prerequisites: Engl 113 with "C" or better. Hist 223 or Hist 233 recommended.

3 credits

Pols 333 International Relations

Examines the principal concepts in world politics, including international law and organizations, diplomacy, collective security, economic linkages and global structure, imperialism, and balance of power. Prerequisites: Engl 113, Pols 103 or Pols 313, all completed with a grade of "C" or better, or permission of instructor.

3 credits

Pols 290/490 Special Topics in Political Science

A study of selected topics in political science. Topics will change each semester and may be repeated for credit. Credit may vary from one (1) to three (3) credits. When taken at the 200 level, it is expected that the student will do sophomore level work. A 400 level implies a senior level course with extensive work expected. Prerequisite: Engl 113 and any history course and CoSu 103. Hist 203 or Hist 213 and Hist 223 or Hist 233 recommended.

1-3 credits

GEOGRAPHY COURSES

Geog 203 Introduction to College Geography

This course is designed to help students understand and analyze our world from a geographic point of view. It will provide an overview of the many aspects of geography, both cultural and physical. Issues such as politics, economics, religion, history, and demographics will be examined in relation to current environmental problems. This course is required for Education majors. Prerequisites: Engl 113 with "C" or better and CoSu 103.
3 credits

Geog 213 World Geography

A regional geography course which emphasizes the unique qualities of world regions, the interrelationships of the regions of the world, and shared problems. This course is required for Education majors. Prerequisites: Engl 113 with "C" or better and CoSu103.
3 credits

Geog 313 Historical Geography

This course explores the relations between the natural environment and the historical development and movements of humankind. Prerequisites: Engl 113, Hist 233, Hist 223, Geog 213, or permission of instructor.
3 credits

Geog 290/490 Special Topics in Geography

A study of selected topics in geography. Topics will change each semester and may be repeated for credit. Credit may vary from one (1) to three (3) credits. When taken at the 200 level, it is expected that the student will do sophomore level work. A 400 level implies a senior level course with extensive work expected. Prerequisite: Engl 113 with "C" or better.
1-3 credits

HISTORY COURSES

HISA 203 American History I ñ Early America

Explores Native American societies and their global trade and travel before Columbus, putting the European "discovery" into perspective. Presents the Native American influence in the shaping of America. Prerequisites: Engl 113 with "C" or better and CoSu 103 with "C" or better.
3 credits

HISA 213 American History II ñ Slavery and the Shaping of America

Examines the history and institution of Native American and African American slavery in the Americas and its overwhelming influence on the political, cultural, economic, and social development of the United States. Prerequisites: Engl 113 with "C" or better and CoSu 103 with "C" or better.
3 credits

HISA 223 American History III ñ America Since 1890

From the Wounded Knee Massacre to both World Wars to the 2nd President Bush ñ what events in U.S. and Native American history are still affecting our people today? Prerequisites: Engl 113 with "C" or better and CoSu 103 with "C" or better.
3 credits

HISA 233 Themes in World History I ñ to 1500

Examination and comparison of the origin and development of American, European, Asian, and African societies up to 1500. Explores the idea and meaning of indigenoussness. Prerequisites: Engl 113 with iCî or better and CoSu 103 with iCî or better.

3 credits

HISA 243 Themes in World History II ñ from 1500

Looks at the major events and trends, particularly colonization and imperialism that have shaped the globalized world as we know it. Prerequisites: Engl 113 with iCî or better and CoSu 103 with iCî or better.

3 credits

HISA 253 The Practice of History

A hands-on class focusing on the methods and techniques historians use to research, write, and teach history. Students will research and develop a history project on a topic of their choice. Prerequisites: Engl 113 with iCî or better and CoSu 103 with iCî or better. Any 200 level history course with iCî or better.

3 credits

HISA 263 Family History

A hands-on class covering methods and techniques of researching family trees and tying family ancestors to famous events and places. Prerequisites: Engl 113 with iCî or better and CoSu 103 with iCî or better.

3 credits

HISA 303 American Indian History I ñ to 1840

An in-depth look at Native American history from before Columbus to about 1840 using the scholarship and perspectives of American Indian historians. This course applies to Lakota Studies and History Degree Programs. Prerequisites: Engl 113 with iCî or better and CoSu 103 with iCî or better. Any 200 level HISA or LHist course with iCî or better.

3 credits

HISA 313 American Indian History II ñ from 1840

An in-depth look at Native American history from the relocation era until today using the scholarship and perspectives of American Indian historians. This course applies to Lakota Studies and History degree programs. Prerequisites: Engl 113 with iCî or better and CoSu 103 with iCî or better. Any 200 level HISA or LHist course with iCî or better.

3 credits

HISA 323 Indians, Museums, and Archives

Explores the legal and ethical issues of presenting indigenous history - focusing on Native American history - in museums and archives. Features guest lectures and several tours of regional museums. Prerequisites: Engl 113 with iCî or better and CoSu 103 with iCî or better. Any 200 level HISA or LHist course with iCî or better - or permission of instructor.

3 credits

HISA 333 Western American History

Presents the iNew Western Historyî ñ giving voices to participants who have typically not been heard in the traditional western history program including women, African Americans, Latinos, Native Americans, and Asian Americans. Prerequisites: Engl 113 with iCî or better and CoSu 103 with iCî or better. Any 200 level HISA or LHist course with iCî or better.

3 credits

HISA 343 The History of South Dakota

Through treaties, laws, politics, oral tradition, social, and cultural history, we will look at the history of the land that is now known as South Dakota. Prerequisites: Engl 113 with iCî or better and CoSu 103 with iCî or better. Any 200 level HISA or LHist course with iCî or better.

3 credits

HISA 353 iHistory and Hollywoodi

An in-depth look at how American, Western American, and Native American history has been portrayed in film and television. A select group of films will be viewed and analyzed. Prerequisites: Engl 113 with iCî or better and CoSu 103 with iCî or better. Any 200 level HISA or LHist course with iCî or better - or permission of instructor.

3 credits

HISA 403 Modern Imperialism and Indigenous Peoples

Explores issues affecting Indigenous Peoples around the world and the history that shaped these issues. Emphasizes activism and current affairs. Prerequisites: Engl 113 with iCî or better and CoSu 103 with iCî or better. Any 300 level HISA or LHist course with iCî or better.

3 credits

HISA 290/490 Special Topics in History

Custom, Internet-based classes to tailor a B.A. in History to the studentís specific needs and interests. Prerequisites: Engl 113 with iCî or better and CoSu 103 with iCî or better. Any 200 level HISA or LHist course with iCî or better.

3 credits

HISA 413 Senior Thesis

The student, under the supervision of department staff will investigate special problems and/or carry out independent study. Required of all history majors during senior year. Prerequisites: Permission of Instructor.

3 credits



DEPARTMENT OF MATH and SCIENCE

Chairperson: Mike Fredenberg, M.S. Mathematics
Kent Jensen, Ph.D. Conservation Biology
James Taulman, Ph.D. Conservation Biology
Steve Platt, Ph.D. Conservation Biology
Adel Heriba, Ph.D. Earth Science
Albrecht Schwalm, Ph.D. Earth Science
Deig Sandoval, Ph.D. Chemistry
Ida Red Bear, M.S. Mathematics
Michael Collins, M.S. Earth Sciences
Mike Miller, M.S. Mathematics
Sylvio Mannel, Ph.D. GIS
Merle iMistyî Brave, M.A. Secondary Administration
Tatiwan Means, M.A. in Environmental Science

OLC is fast becoming a regional leader in environmental science and pre-engineering and pre-life science programs. The department is leading the college into the next century, developing state of the art technology in computers, distance learning, and science laboratories.

Bachelor of Science Degree in Interdisciplinary Environmental Science

The Lakota have always held their land base to be sacred. The land is something that must be protected and managed wisely and effectively. Consequently, OLC has developed a strong program in the area of environmental science. Two emphasis areas have been developed: earth sciences and conservation biology. In the earth sciences, students learn about water management, solid waste disposal, and a myriad of other issues needed to protect and improve the quality of life on the reservation. In the area of conservation biology, wise management of wildlife and habitats is critical to the future of our reservation.

The Lakota perspective is vital to the environmental science program. All students are required to take specific courses that incorporate traditional Lakota concepts about land, plants, and animals.

Associate of Arts Degree in Interdisciplinary Environmental Science

This degree is designed to prepare students to continue into OLC's four-year IES program, transfer to an environmental science program at another four-year institution, or to further employment opportunities. This degree provides a well-rounded approach to the environmental sciences, with a strong emphasis on core biology and chemistry components.

Associate of Arts Degree, Science, Engineering and Math (SEM)

While environmental scientists can identify and help to remedy many of the ecological problems that exist on Pine Ridge Reservation, the solution, in many cases, will have to come from the engineering community. OLC has therefore developed a two-year Associate Degree in Science, Engineering and Math (SEM). Students who complete this program can then transfer to a four-year program. Recent studies have shown that Native American students who gain a strong math/science background at their local tribal college will then have a significantly higher chance of completing a four-year degree at an outside institution.

Associate of Arts Degree, Life Science

The same transfer concept that was used to structure the AA, SEM degree has been utilized to develop a new Associate degree in Life Science. The reasons for expanding into this area are two-fold. First, health issues are a major concern on the reservation. Students will be encouraged to explore the connection

between health-related issues and the environment. Second, medical schools may be producing Native Americans to work in the health fields, but very few Native Americans actually teach in these medical/nursing programs. Our ultimate goal is to address this issue by having Native Americans complete their graduate degrees in the areas of biology, physiology, and other life science areas.

Model Institution for Excellence Program (MIE)

Stacy Phelps Co-Principal Investigator
Mike Fredenberg Co-Principal Investigator
Faith Richards, Budget Analyst
Susan Conrad K-12 Liaison
Tony Brave, Audiovisual Specialist
Jay Roman, Technical Services Coordinator

OLC is continuing in a period of growth and development in the areas of science, mathematics, engineering, and technology (SMET). OLC was selected by the National Science Foundation to participate in the Model Institutions for Excellence (MIE) initiative. The objective of the program is to increase under represented minorities in the SMET fields. For its part, OLC is undertaking this effort jointly as a Consortium of Tribal Colleges called the Oyate Consortium. The five member colleges of the Oyate Consortium in South Dakota are: Sinte Gleska University, Si Tanka College, Sitting Bull College, and Sisseton-Wahpeton Community College. OLC is the lead instructional and administrative unit for the Oyate Consortium.

The Oyate Consortium is to serve as the model institute for institutions of higher education that serve a large Native American population. Other tribal colleges will be looking to the Consortium for information that will help them enhance the ability of their students to pursue careers in the SMET fields. This is a tremendous honor as well as a huge responsibility.

Besides OLC and the Oyate Consortium, only five other schools across the nation were selected for the MIE program: Bowie State University, Spelman College, Xavier University, Universidad Metropolitana, and University of Texas at El Paso.

1. MIE and Technology

The MIE program has been instrumental in fostering technology at OLC and on the Pine Ridge Reservation.

The decentralized structure and geographical remoteness of Oglala Lakota College and the diverse nature of the Oyate Consortium have pushed the demand to develop distance learning. OLC has developed an extensive telecommunications network that is based on dedicated T-1 phone lines. The T-1 lines provide the network for not only the video conferencing aspect of distance education but they also have allowed us to create a Wide Area Network (WAN) between all of our college centers. All of OLC's teaching centers have Internet access in networked computer labs.

Distance learning occurs on two levels at OLC and with the Oyate Consortium. The first level is in the area of video conferencing. OLC currently operates video conferencing systems that allow for two-way audio and video communication in each of its teaching centers. The consortium schools are also moving towards video conferencing systems. The second level of distance learning is via the Internet and World Wide Web. Courses are being developed to use the internet to deliver classes. The number of computer labs has grown from two labs reservation wide to eleven. Each of the Oyate Consortium members has similarly developed and increased technological resources. OLC has truly grown from a technological handicapped institution to one that is leading the region in technological expertise and capabilities.

Degree Status Sheets

Please be advised that all students are strongly encouraged to consult with a department instructor before entering any of these degree programs. A semester-by-semester sequencing program and prerequisite requirements are vital to ensuring every student's future academic success.

DEPARTMENT OF MATH and SCIENCE
Bachelor of Science Degree Interdisciplinary Environmental Science
(Conservation Biology Emphasis)

			Where
			Taken Date Grade
Core Requirements: (31 Credits Total)			
CoSu	103	College Success	3 _____
Engl	103	Freshman English I	3 _____
Engl	113	Freshman English II	3 _____
SpCm	103	Speech Communications	3 _____
Math	154	College Algebra*	4 _____
CSc	113	Applied Information Processing	3 _____
Geog	213	World Regional Geography	3 _____
Social Science Elective			3 _____
Humanities Elective			3 _____
Humanities Elective			3 _____
Lakota Studies (15 credits):			
Lak	103	Lakota Language I	3 _____
Lak	233	Lakota Language II	3 _____
Lsoc	103	Lakota Culture (or LHist 203)	3 _____
Lsci	203	Traditional Plants, Herbs, and Foods	3 _____
Lsci	303	Lakota and the Environment	3 _____
Science/Math Requirements**			
A. Lower Division (34 Credits):			
Bio	154	Introductory Biology I	4 _____
Bio	164	Introductory Biology II	4 _____
Chem	233	General Chemistry I*	3 _____
Chem	231	Experimental General Chemistry Lab I	1 _____
Chem	253	Organic Chemistry I	3 _____
Chem	251	Experimental Organic Chemistry Lab I	1 _____
EnS	213	Scientific App. of Spreadsheets & Databases	3 _____
Phys	113	Survey of Physics	3 _____
EnS	253	Hydrology	3 _____
NaRs	133	Dendrology or	
Range	103	Range Plant Identification	3 _____
PSc	213	Soils	3 _____
Bio	223	Ecology	3 _____
B. Upper Division			
Core (17 Credits Minimum):			
EnS	304	Integrated Environmental Science	4 _____
Bio	333	Biological Literature	3 _____
Bio	313	Wildlife Investigation Techniques	3 _____
Math	314	Applied Statistics	4 _____
EnS	493-5	Internship	3-5 _____
or			
EnS	473	Senior Thesis	3 _____
C. Environmental Science Electives			
Set 1 (Minimum of 18 credits)			
Bio	343	Wildlife Law and Enforcement	3 _____
Bio	403	Herpetology	3 _____
Bio	413	Mammalogy	3 _____
Bio	423	Ornithology	3 _____
Bio	433	Wildlife Ecology	3 _____
Bio	443	Range Ecology	3 _____
Bio	473	Wetlands Ecosystems	3 _____
Bio	453	Wildlife Conservation	3 _____
Bio	463	Conservation Biology	3 _____
NaRs	233	Bison Science I	3 _____

Set 2 (Minimum of 9 credits)

EnS	333	Introduction to GIS/GPS	3
Bio	303	Field Ecology	3
EnS	393	Junior Research/Internship	3
Ens	453	Applications of GIS/GPS	3

Total Credits 124 (minimum)

*Students must either pass an entrance exam for these courses or pass 100-level preparatory courses with a iCi or better. See catalog descriptions. Entrance exams are available from Math and Science Department members during the week of registration.

**The following courses are typically offered in the fall semesters: Survey of Chemistry, Intro. Biology I, General Chemistry I & Lab and Organic Chemistry II & Lab. The following courses are only offered in the spring semesters: Survey of Physics, Intro. Biology II, General Chemistry II & Lab and Organic Chemistry I & Lab.

Science Course Sequencing:

Fall Semester 1 Math 154,

Fall Semester 3 Chem 233, Chem 231, Bio 154

Spring Semester 2 Phys 113

Spring Semester 4 Bio 164, Chem 253, Chem 251



DEPARTMENT OF MATH and SCIENCE
Bachelor of Science in Interdisciplinary Environmental Science
(Earth Science Emphasis)

			Where
			Taken Date Grade
Core Requirements: (31 Credits Total)			
CoSu	103	College Success	3 _____
Engl	103	Freshman English I	3 _____
Engl	113	Freshman English II	3 _____
SpCm	103	Speech Communications	3 _____
Math	154	College Algebra	4 _____
CSc	113	Applied Information Processing	3 _____
Geog	213	World Regional Geography	3 _____
Social Science Elective			3 _____
Humanities Elective			3 _____
Humanities Elective			3 _____
Lakota Studies (15 Credits):			
Lak	103	Lakota Language I	3 _____
Lak	233	Lakota Language II	3 _____
Lsoc	103	Lakota Culture (or LHist 203)	3 _____
Lsci	203	Traditional Plants, Herbs, and Foods	3 _____
Lsci	303	Lakota and the Environment	3 _____
Science/Math Requirements			
A. Lower Division (27 Credits)			
Geol	133	Environmental Geology	3 _____
Phys	113	Survey of Physics	3 _____
Bio	154	Introductory Biology I	4 _____
Chem	233	General Chemistry I	3 _____
Chem	231	Exp. General Chemistry Lab I	1 _____
Chem	253	Organic Chemistry I	3 _____
Chem	251	Organic Chemistry Lab I	1 _____
EnS	213	Scientific App of Spreadsheets/Databases	3 _____
EnS	243	Intro to Atmospheric Science	3 _____
EnS	253	Hydrology	3 _____
B. Upper Division (38 Credits)			
EnS	304	Integrated Environmental Science	4 _____
EnS	333	Intro. GIS/GPS	3 _____
Math	314	Applied Statistics	4 _____
EnS	363	Fluvial Processes/Stream Morphology	3 _____
EnS	393	Undergraduate Research/Internship	3 _____
EnS	413	Air Pollution	3 _____
EnS	433	Solid Waste Management	3 _____
EnS	403	Environmental Law & Policy	3 _____
EnS	463	Hydrogeology	3 _____
EnS	461	OSHA Certification	1 _____
EnS	483	Renewable Energy Technology	3 _____
EnS	495	Senior Research/Internship	5 _____
C. Environmental Science Electives 15 credits total (9 credits at the 300/400 level):			
EnS	263	Wastewater Management	3 _____
Bio	223	Ecology	3 _____
PSc	213	Soils	3 _____
Math	194	Calculus I ++	4 _____
Chem	343	Environmental Chemistry	3 _____
Bio	473	Wetland Ecosystems	3 _____
EnS	443	Human and Environmental Toxicology	3 _____
EnS	453	Applications of GIS/GPS	3 _____

++Calculus is especially encouraged for those students considering graduate school

Total Credits: 126

*Students must either pass an entrance exam for these courses or pass 100-level preparatory courses with a iC_i or better. See catalog descriptions. Entrance exams are available from Math and Science Department members during the week of registration.

**The following courses are typically offered in the fall semesters: Survey of Chemistry, Intro. Biology I, General Chemistry I & Lab and Organic Chemistry II & Lab. The following courses are only offered in the spring semesters: Survey of Physics, Intro. Biology II, General Chemistry II & Lab and Organic Chemistry I & Lab.

Science Course Sequencing:

Fall Semester 1 Math 154

Spring Semester 2 Phys 113, Math 163(Trig)

Fall Semester 3 Chem 233, Chem 231, Bio 154, Math 194

Spring Semester 4 Chem 253, Chem 251



DEPARTMENT OF MATH AND SCIENCE
Associate of Arts in Interdisciplinary Environmental Science

Core Requirements: (22 Credits)

	Where Taken	Date	Grade
CoSu 103 College Success	3	_____	_____
Engl 103 Freshman English I	3	_____	_____
Engl 113 Freshman English II	3	_____	_____
SpCm 103 Speech Communications	3	_____	_____
Math 154 College Algebra*	4	_____	_____
Geog 213 World Geography	3	_____	_____
Social Science Elective	3	_____	_____

Note: Science Elective is filled in Science Requirements

Lakota Studies Requirements: (15 Credits)

Lak 103 Lakota Language I	3	_____	_____
LSoc 103 Lakota Culture	3	_____	_____
LHist 203 Lakota History I	3	_____	_____
LSci 203 Traditional Plants and Herbs	3	_____	_____
LSci 303 Lakota and the Environment	3	_____	_____

Science Requirements:** (24 Credits)

Phys113 Survey of Physics	3	_____	_____
Bio 154 Introductory to Biology I	4	_____	_____
Bio 223 Ecology	3	_____	_____
Chem 233 General Chemistry I*	3	_____	_____
Chem 231 General Chemistry Lab I	1	_____	_____
Chem 253 Organic Chemistry I	3	_____	_____
Chem 251 Organic Chemistry Lab I	1	_____	_____
Ens 253 Hydrology	3	_____	_____
PSc 213 Soils	3	_____	_____

Science Elective: (Choose 1 course for 3 Credits)

Geol 133 Environmental Geology	3	_____	_____
Range 103 Range Plant Identification			
NaRs 133 Dendrology			

Total Credits - 64

*Students must either pass an entrance exam for these courses or pass 100-level preparatory courses with a iCî or better. See catalog descriptions. Entrance exams are available from Math and Science Department members during the week of registration.

**The following courses are only offered in the fall semesters: Survey of Chemistry, Intro. Biology I, General Chemistry I & Lab and Organic Chemistry I & Lab. The following courses are only offered in the spring semesters: Survey of Physics and Ecology.

Science Course Sequencing:

Fall Semester 1 Math 154,

Fall Semester 3 Chem 233, Chem 231, Bio 154

Spring Semester 2 Phys 113

Spring Semester 4 Chem 253, Chem 251

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DEPARTMENT OF MATH AND SCIENCE
Associate of Arts in Science, Engineering and Math (SEM)

Core Requirements: (25 Credits)

	Taken	Date	Grade
CoSu 103 College Success	3	_____	_____
Engl 103 Freshman English I	3	_____	_____
Engl 113 Freshman English II	3	_____	_____
SpCm 103 Speech Communications	3	_____	_____
Math 154 College Algebra*	4	_____	_____
Social Science Elective	3	_____	_____
Humanities Elective	3	_____	_____
Technical Science Elective**	3	_____	_____

Lakota Studies Requirements: (15 Credits)

Lak 103 Lakota Language I	3	_____	_____
LSoc 103 Lakota Culture	3	_____	_____
LHist 203 Lakota History I	3	_____	_____
LSci 203 Traditional Plants and Herbs	3	_____	_____
LPol 223 Lakota Tribal Law, Treaties & Government	3	_____	_____

Math and Science Requirements*: (31 Credits)**

Math 163 Trigonometry	3	_____	_____
Math 194 Calculus I	4	_____	_____
Math 214 Calculus II	4	_____	_____
Math 224 Calculus III	4	_____	_____
Phys 214 Physics I*	4	_____	_____
Phys 223 Physics II	3	_____	_____
Phys 221 Physics II Lab	1	_____	_____
Chem 233 General Chemistry I*	3	_____	_____
Chem 231 General Chemistry Lab I	1	_____	_____
Chem 243 General Chemistry II	3	_____	_____
Chem 241 General Chemistry Lab II	1	_____	_____

Total Credits - 71

*Students must either pass an entrance exam for these courses or pass 100-level preparatory courses with a iCi or better. See catalog descriptions. Entrance exams are available from Math and Science Department members during the week of registration.

**Technical Science Elective must transfer into the student's intended bachelor's degree course of study. Must be approved by academic advisor and chair of the Department of Math and Science.

***The following courses are typically offered in the fall semesters: Survey of Chemistry, Calculus I, Calculus III, Physics II & Lab and General Chemistry I & Lab. The following courses are only offered in the spring semesters: Survey of Physics, Trigonometry, Calculus II, Physics I and General Chemistry II.

Science Course Sequencing:

Fall Semester 1 Math 154, Chem 103

Fall Semester 3 Math 194, Chem 233, Chem 231

Fall Semester 5 Math 224, Phys 223, Phys 221

Spring Semester 2 Math 163, Phys 113

Spring Semester 4 Math 214, Phys 214, Chem 243-251

Spring Semester 6 Tech. Sci. Elect.



DEPARTMENT OF MATH AND SCIENCE

Associate of Arts in Life Sciences

Core Requirements: (22 Credits)

			Where Taken	Date	Grade
CoSu	103	College Success	3	_____	_____
Engl	103	Freshman English I	3	_____	_____
Engl	113	Freshman English II	3	_____	_____
SpCm	103	Speech Communications	3	_____	_____
Math	154	College Algebra*	4	_____	_____
Psy	103	General Psychology	3	_____	_____
Humanities Elective			3	_____	_____

Lakota Studies Requirements: (15 Credits)

Lak	103	Lakota Language I	3	_____	_____
LSoc	103	Lakota Culture	3	_____	_____
LHist	203	Lakota History I	3	_____	_____
LSci	203	Traditional Plants and Herbs	3	_____	_____
LPol	223	Lakota Tribal Law, Treaties & Government	3	_____	_____

Math and Science Requirements: (35 Credits)**

Math	163	Trigonometry	3	_____	_____
Math	194	Calculus I	4	_____	_____
Phys	214	Physics I*	4	_____	_____
Bio	154	Introductory to Biology I	4	_____	_____
Bio	164	Introductory to Biology II	4	_____	_____
Chem	233	General Chemistry I*	3	_____	_____
Chem	231	General Chemistry Lab I	1	_____	_____
Chem	243	General Chemistry II	3	_____	_____
Chem	241	General Chemistry Lab II	1	_____	_____
Chem	253	Organic Chemistry I	3	_____	_____
Chem	251	Organic Chemistry Lab I	1	_____	_____
Chem	263	Organic Chemistry II	3	_____	_____
Chem	261	Organic Chemistry Lab II	1	_____	_____

Total Credits – 72

*Students must either pass an entrance exam for these courses or pass 100-level preparatory courses with a iCi or better. See catalog descriptions. Entrance exams are available from Math and Science Department members during the week of registration.

**The following courses are typically offered in the fall semesters: Survey of Chemistry, Calculus I, Intro. Biology I, General Chemistry I & Lab and Organic Chemistry II & Lab. The following courses are only offered in the spring semesters: Survey of Physics, Trigonometry, Physics I, Intro. Biology II, General Chemistry I & Lab and Organic Chemistry II & Lab.



Chemistry Courses

Chem 103 Survey of General Chemistry

Prerequisite: Math 134 and CoSu 103 or test-out.

An introduction to inorganic chemistry stressing basic concepts and the language of chemistry.

3 Credits.

Chem 113 Chemistry for the Health Sciences

Prerequisites: at least concurrent registration in Math 134.

Introduces the basic concepts of general and organic chemistry helpful for nursing students. Lecture topics will include, but not be limited to Scientific Measurements, Chemical (Inorganic and Organic) Nomenclature, Molar and Percentage Mathematics, Reactions, and a study of Solutions (including pH) as well as discussions of aliphatic and aromatic organic compounds. The instructional approach of Chem 113 will emphasize how these differing chemical concepts affect the human body. Chem 113 does not satisfy the requirements for Chem 233.

3 credits

Chem 111 Chemistry for Health Sciences I Laboratory

Prerequisites: At least concurrent registration in Math 134 and Chem 113

Reinforces, in a practical format, the concepts and ideas introduced in Chem 113. Topics will include, but not be limited to, scientific concepts of weights and measures, gas law equations and calculations, solution calculations (including molar and pH), percentage mathematics, and thermodynamic predictions and calculations.

1 credit

Chem 123 Chemistry for Health Sciences II

Prerequisites: Chem 113, Chem 111, Math 134, all completed with a grade of C or better.

Introduces and analyzes concepts of organic and biochemistry helpful for nursing students. Lecture topics will include, but not be limited to, alkyl and functional groups of organic compounds, macromolecules (including enzymes), heredity, metabolism and nutrition. The approach of Chem 123 will emphasize how these differing chemical concepts affect human body, specifically human anatomy, physiology and health. Chem 123 cannot be used as a substitute for Chem 233.

3 credits

Chem 231 Experimental General Chemistry Lab I

Prerequisite: Must be taken concurrently with Chem 233, or permission of instructor.

The fundamentals of chemical laboratory techniques and practice, the behavior of chemical compounds and quantitative measurements illustrating the laws of chemical combinations.

1 credit

Chem 233 General Chemistry I

Prerequisite: Math 154 or above, Chem 103 or an acceptable score on the chemistry placement examination, all courses with a grade of C or better, or permission of instructor.

An in-depth survey of inorganic chemistry. This course stresses the concepts and language of chemistry, including periodic properties, reactions, mathematics and algebraic manipulation of existing formulas, physical chemistry, and environmental issues dealing with the topic of atmospheric gases and surface groundwater.

Chem 231 must be taken concurrently.

3 credits

Chem 241 Experimental General Chemistry Lab II

Prerequisite: Must be taken concurrently with Chem 243, or permission of instructor.

Laboratory work will complement the topics covered in Chem 243.

1 credit

Chem 243 General Chemistry II

Prerequisite: Chem 233 and Chem 231 both completed with a grade of C or better, or permission of instructor. An advanced study of inorganic chemistry. Topics include: in-depth mathematical formulas of chemistry and their manipulation, acid-base chemistry, complex reactions and their prediction, thermodynamics, nuclear chemistry, metallurgy, and an introduction to organic chemistry. Chem 241 must be taken concurrently.

3 credits

Chem 251 Organic Chemistry Lab I

Prerequisite: Must be taken concurrently with Chem 253, or permission of instructor.

Laboratory work will complement the topics covered in Chem 253.

1 credit

Chem 253 Organic Chemistry I

Prerequisites: Chem 233 and Chem 231, both with a grade of C or better, or permission of instructor.

This is an introduction to organic chemistry. Topics will include nomenclature of aliphatic and basic aromatic compounds and their derivatives, reaction predictions with industrial and environmental applications, chemical properties and synthesis, and an introduction to biochemistry. Chem 251 must be taken concurrently.

3 credits

Chem 261 Experimental Organic Chemistry Lab II

Prerequisite: Must be taken concurrently with Chem 263, or permission of instructor.

Laboratory work will complement the topics covered in Chem 263.

1 credit

Chem 263 Organic Chemistry II

Prerequisite: Chem 253 and Chem 251 both completed with a grade of C or better, or permission of instructor. Designed to be sequential with Chem 253, topics will include: chemistry of carbon compounds, isomerism, an introduction to nucleophilic substitution and elimination reactions, and a further examination of certain biochemistry principles such as the study of carbohydrates, lipids and proteins, including their role in metabolic reactions. Chem 261 must be taken concurrently.

3 credits

Chem 323 Environmental Chemistry

Prerequisite: Chem 233 and Math 154, both completed with a grade of C or better, or permission of instructor. A study of the chemical nature of air, water, and earth. Some of the specific topics will include ozone layer, greenhouse effect, radioactivity, acid rain, nutrient cycles, and ecosystems.

3 credits

Life Science Courses:

Bio 103 Human Biology

Prerequisite: CoSu 103. This course provides an introduction to human biology, including the evolution, natural history, and ecology of humans. Emphasis is placed on what the biological sciences have to say about maintaining human health. Native American views of health are also discussed. 3 credits

Bio 113 People and the Environment

Prerequisite: CoSu 103

A laboratory course which focuses on the role of people in the ecosystem and their alterations of that ecosystem. The influence of European and Native American cultures on people's activities in the ecosystem will be discussed. Alternatives for human survival will be explored.

3 credits

Bio 154 Introductory Biology I

Prerequisite: Engl 113

Animal embryology, plant life cycles, hormonal and environmental influenced growth processes, structure of roots, stems, leaves and animal physiology are studies.

(3,2)

4 credits

Bio 164 Introductory Biology II

Prerequisite: Bio 154 completed with a grade of C or better.

Fundamental concepts that will be covered include cell structure; function; chemistry and reproduction molecular and Mendelian genetics; plant and animal diversity through evolution and ecology.

(3,2)

4 credits

Bio 204 Basic Microbiology

Prerequisite: Chem 113, Chem 111

A survey course of bacteriology and immunology for allied health students. Emphasis is on bacterial anatomy, physiology and genetics; immune response and medical applications. The laboratory demonstrates common clinical procedures involved in the isolation and identification of the bacteria. (3,2) 4 credits

Bio 223 Ecology

Prerequisite: Bio 164 and Chem 103 (or above), both completed with a grade of C or better, or permission of instructor.

The study of the interrelationship of living organisms and the environment. Topics include interactions at the population, community, and ecosystem level; and the study of energy flow, and nutrient cycling within these systems. Included also is the study of the geologic, hydrologic, and atmospheric processes involved in the maintenance of life on earth.

3 credits

Bio 224 Human Anatomy and Physiology I

Prerequisite: A 100-level biology course and Engl 113 are recommended. Chem 113, and Chem 111 must be taken concurrently (if necessary).

Systematic study of gross anatomy and normal homeostasis functions of the human body. Systems studies include the skeletal, muscular and nervous systems. The laboratory is used to demonstrate these concepts through dissection and physiological experiments and demonstrations. (3,2)

4 credits

Bio 234 Human Anatomy and Physiology II

Prerequisite: Bio 224 completed with a grade of C or better.

A continuation of Bio 224. Systems studied will include cardiovascular, respiratory, digestive, urinary, reproductive and endocrine systems.

(3,2)

4 credits

Bio 303 Field Ecology

Prerequisite: Bio 164 with a grade of C or better, or permission of instructor.

A survey in the basic methods used in sampling plant and animal populations and communities. Students will be exposed to the ecology of a wide variety of ecosystems. Emphasis will be placed on grassland, forest, wetland, and riparian systems of the Northern Great Plains.

3 credits

Bio 313 Wildlife Investigation Techniques

Prerequisite: Bio 164, Math 154, all completed with a grade of C or better, or permission of instructor.

A study of the basic techniques used to evaluate wildlife populations including visual and auditory surveys, trapping and tagging, habitat evaluation, health status determination, and radiotelemetry. A field laboratory component will be included.

(2,2)

3 credits

Bio 333 Biological Literature: Interpretation and Presentation

Prerequisite: Engl 113, Math 154, Bio 164, Bio 223, all completed with a grade of C or better, or permission of instructor.

This course will have two foci: 1) reading and interpreting current biological literature, and (2) presentation, written and orally, of interpretations resulting from statistical analyses. Students will write one technical manuscript suitable for submission to a refereed journal.

3 credits

Bio 343 Wildlife Law and Enforcement

Prerequisite: Bio 164, Bio 303 with a grade of C or better, or permission of instructor

This course includes the study of the basis of wildlife law in the United States and Indian Reservations. We will explore current Federal, State, and Tribal laws and Treaties affecting the management of wildlife populations. The course will also explore the duties, responsibilities, methods and techniques of the wildlife law enforcement officer.

3 credits

Bio 403 Herpetology

Prerequisite: Completion of Bio 164 and Bio 333 with a grade of C or better, or permission of instructor.

This course will cover the classification, evolution, distribution, identification, life histories, and morphological, ecological, and behavioral adaptations of amphibians and reptiles. Emphasis will be placed on species of the Great Plains ecosystem. A field laboratory component will be included.

3 credits

Bio 413 Mammalogy

Prerequisite: Bio 333, all completed with a grade of C or better, or permission of instructor.

A study of the classification, evolution, distribution, identification, life histories, and morphological, ecological, and behavioral adaptations of mammals. Emphasis is placed on species of the Great Plains ecosystem.

3 credits

Bio 423 Ornithology

Prerequisite: Bio 333, all completed with a grade of C or better, or permission of instructor.

A study of the classification, evolution, distribution, identification, life histories, and morphological, ecological, and behavioral adaptations of birds. Emphasis is placed on species of the Great Plains ecosystem.

3 credits

Bio 433 Wildlife Ecology

Prerequisite: Bio 333, all completed with a grade of C or better, or permission of instructor.

A study of the dynamics and structure of wildlife communities including the distribution, abundance, adaptations, and the dynamics of wildlife populations. Key animal behavior concepts related to wildlife-environment interactions, nutrition, feeding, and thermal energy exchange are examined.

3 credits

Bio 443 Range Ecology

Prerequisite: Bio 333, all completed with a grade of C or better, or permission of instructor.

A study of the dynamics and structure of range plants and animals upon each other, and the area on which they are living including the effects of human-related activities. Special emphasis is given to the role of herbivores on species composition and distribution of plant communities.

3 credits

Bio 453 Wildlife Conservation

Prerequisite: Math 314, Bio 413 or Bio 423, Bio 433, all completed with a grade of C or better, or permission of instructor. A study of the principles and practices of wildlife conservation and management with emphasis on controlling populations using habitat manipulation, reintroduction of species, harvest, and predator control. Both harvest and non-harvest management of native and exotic species is examined.

3 credits

Bio 463 Conservation Biology

Prerequisite: Math 314, Bio 413 or Bio 423, Bio 433, all completed with a grade of C or better, or permission of instructor. A study of the principles and practices associated with the maintenance of maximum biodiversity and stability of ecosystems throughout the world. The importance of retaining genetic variability in wild populations is examined.

3 credits

Bio 473 Wetland Ecosystems

Prerequisite: Bio 164 and Bio 223 with a grade of C or better, or permission of instructor.

This course will cover the fundamental processes that contribute to the unique nature of wetland ecosystems; as well as the various functions and values associated with wetlands. Emphasis will be placed on the wildlife habitat component of wetlands and management strategies to enhance wetlands for wildlife habitat purposes.

3 credits

Sci 204 Integrated Science for the Elementary Teacher I

Prerequisite: Math 134 and a core science class.

A course designed to acquaint the pre-service elementary teacher with the scientific method and basic processes and concepts of science through the use of published articles in addition to the text. The latest scientific discoveries and current thinking in science education will be discussed. A writing component will consist of reacting to the assigned articles. A completed science fair project is required.

4 credits

Sci 214 Integrated Science for the Elementary Teacher II

Prerequisite: Sci 204 completed with a grade of C or better.

This course is a continuation of Sci 204 and will further stress the scientific method and basic processes of science through the study of specific concepts of physical and biological sciences. A writing component will consist of reacting to recent scientific and science education articles followed by class discussion. The display of a science fair project is required.

4 credits

Sci 290/490 Special Topics in Science

A study of selected topics in science. Topics will change each semester and may be repeated for credit. Credit may vary from one (1) to (4) credits. When taken at the 200 level, it is expected that the student will do sophomore level work. A 400 level implies a senior level course with extensive work expected.

Environmental Science

EnS 213 Scientific Application of Spreadsheets and Databases

Prerequisites: CSc 113 (or above), Math 103 (or above), both completed with a grade of C or better, or permission of instructor.

This course will focus on spreadsheet and database computer applications for students entering environmental science. Students will be introduced to commonly used software programs designed to manage data. Common program applications including arithmetic, trigonometric and statistical functions will be introduced. Document formatting techniques will be taught so that data can be presented in a concise and understandable way. Format options will include the use of spreadsheets, graphs, and incorporation of data tables and graphs into text. Students will learn how to incorporate spreadsheet and database applications into research activities.

3 credits

EnS 243 Introduction to Atmospheric Sciences

Prerequisite: Chem 233 and Chem 231, Phys 113, all completed with a grade of C or better, or permission of instructor.

A study of the basic physical principles applied to the study of atmospheric phenomena. Topics include the structure of the atmosphere, atmospheric motions, meteorological processes, air masses, fronts, weather map analysis, weather forecasting, and severe storms, including thunderstorms, hail, tornadoes, hurricanes and blizzards.

3 credits

EnS 253 Hydrology

Prerequisite: Chem 231 and Chem 233, Math 154, all completed with a grade of C or better, or permission of instructor.

This course introduces the hydrologic cycle and focuses on precipitation and surface flow. The following topics will be covered and quantitative techniques applied to: precipitation, including causes, duration and measurement; infiltration and soil-water processes; evapotranspiration; surface runoff; and flow systems, including rivers, channels and impoundments. Basic concepts in fluid mechanics such as pressure, friction and pressure head will also be addressed.

3 credits

EnS 263 Wastewater Management

Prerequisite: Math 154, Chem 233 and Chem 231, all completed with a grade of C or better, or permission of instructor.

A study in the biological treatment of sewage and wastewater. Students will be introduced to water treatment techniques and processes, including wastewater sampling and analysis techniques. Students will learn how to perform basic process balances to determine adequacy of system components. Special emphasis will be placed on proper sizing, installation, monitoring, and management of small-scale treatment systems commonly found in rural areas.

3 credits

EnS 304 Integrated Environmental Science

Prerequisite: Completion of LSci 203 and Engl 113 with grades of C or better, or permission of instructor. This course will cover an interdisciplinary approach to the study of environmental sciences. The Western science of ecology and earth sciences, traditional Lakota and other indigenous knowledge and perspectives are examined. These topics are presented with consideration of the social, economic and political aspects of environmental issues.

3 credits

EnS 333 Introduction to Geographic Information Systems

Prerequisite: Math 154 and CSc 113 (or above), both completed with a grade of C or better, or permission of instructor. An introduction to Geographical Information Systems (GIS) and Geographical Positioning Systems (GPS) with emphasis on applications for research and monitoring requirements.

3 credits

EnS 363 Fluvial Processes and Stream Morphology

Prerequisites: Geol 133 and EnS 253, both completed with a grade of C or better, or permission of instructor. A study of watershed forming processes including erosional processes and stream/watershed evolution. Flood events will be analyzed. Students will learn to read and use flood frequency curves and gain an understanding of the function and workings of common flood control structures/systems. The physics of flow will be addressed. Energy/flow relationships and their effect on stream components and their formation will be studied. Students will be introduced to stream classification systems and methods for characterizing stream morphology and assessing watersheds with respect to water quality issues.

3 credits

EnS 373 Watershed Assessment Techniques

Prerequisites: Math 154, Chem 233 and Chem 231, EnS 253 and EnS 363, all completed with a grade of C or better, or permission of instructor.

Students will use various watershed and stream evaluation techniques to characterize and quantify stream health and stream morphology. This is an extensive field course that includes taking and analyzing measurements and recording field data.

3 credits

EnS 393 Junior Research/Internship

Prerequisite: Junior status in the Environmental Science Program and approval of advising instructor and Department Chairperson.

Closely supervised research project or work at an approved site where experience will be gained directly related to environmental science.

3 credits

EnS 403 Environmental Law and Policy

Prerequisite: Permission of instructor.

This course involves a study of major federal environmental laws and regulations. Students will study the processes by which environmental laws and regulations are promulgated. They will be trained to use the Federal Register and the Code of Federal Regulations. They will become familiar with major provision of the National Environmental Policy Act (NEPA), Clean Air Act (CAA), Clean Water Act (CWA), Resource Conservation and Recovery Act (RCRA), and Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

3 credits

EnS 413 Air Pollution

Prerequisite: Chem 253 and Chem 251, and EnS 243, all completed with a grade of C or better, or permission of instructor.

This course explores the causes of natural and anthropogenic causes of air pollution. Topics covered will include the chemistry of air pollution, dispersion of pollutants in the atmosphere, and the effects of air pollution on biota and the environment. An overview of laws and the regulations used to regulate emissions from stationary as well as mobile sources will be presented. Indoor air pollution and noise pollution will be discussed. Finally, the course will address the effects of pollution on the atmosphere itself.

3 credits

EnS 433 Solid Waste Management

Prerequisite: Chem 253 and Chem 251, both completed with a grade of C or better, or permission of instructor. This course will survey common biological, thermal, chemical and physical waste stream treatment methods. A brief overview of the laws and regulations governing the treatment, storage and disposal of solid waste, including hazardous waste, will be presented. Some of the tools used to identify, track, minimize and prevent solid waste generation will be discussed. Case studies of selected industry's waste minimization, treatment and disposal techniques will be presented.

3 credits

EnS 443 Human and Environmental Toxicology

Prerequisite: Bio 163, Chem 253 and Chem 251, Math 154, all completed with a grade of C or better, or permission of instructor.

This class will survey factors that impact the fate and transport of contaminants and pollutants in the environment. The chemical characteristics of commonly encountered environmental toxins and the effects of these toxins on cellular and systemic function will be studied. Natural processes that result in detoxification of the environment will also be studied. A survey of human toxicology will include evaluations of the routes of entry for human toxins. Common human detoxification and removal processes will be investigated. The class will survey broad classes of human toxins and their effects on target organs. An overview of methods used to establish human exposure limits will be presented.

3 credits

EnS 461 OSHA Certification

Prerequisite: Senior Status in the Environmental Science Program, or permission of instructor.

This course is designed to fulfill the Department of Labor, Occupational Safety and Health Administration's safety training requirement for employees engaged in hazardous waste operations. Students will be introduced to relevant safety standards and regulations. They will become familiar with the properties of hazardous chemical/materials commonly encountered at the work place. They will learn how to read MSD sheets, interpret warning labels and placards. Students will learn safety practices and procedures to follow when working with hazardous wastes.

1 credit

EnS 453 Applications of GIS/GPS

Prerequisite: Completion of EnS 333 with a grade of C or better, or permission of instructor.

This course builds on skills acquired in EnS 333, Introduction to GIS/GPS, applying GIS tools to actual problem solving and research. Conservation biology topics will be emphasized, such as wildlife habitat analysis for an endangered species, identifying potential environmental threats to a watershed ecosystem, and an environmental analysis of a proposed timber sale. Skills learned in these exercises will be applicable to investigation in other areas, such as the physical or social sciences.

3 credits

EnS 463 Hydrogeology

Prerequisite: Chem 233 and Chem 231, Math 154, EnS 253, and Geol 133, all completed with a grade of C or better, or permission of instructor. This course involves a study of subsurface water and water flow through the earth's lithology. Topics will include migration of water through the vadose zone, soil moisture, and groundwater recharge, flow through aquifers, methods of measuring flow direction and velocity. Finally, the chemical interaction between lithology and water will be discussed and factors effecting contaminate migration in groundwater and soils will be addressed.

3 credits

EnS 473 Senior Thesis

Prerequisite: Senior status and approval of advising instructor and Department Chairperson.

Senior Thesis involving experimental design, field or lab implementation, data analysis, and conclusions.

3 credits

EnS 383 Renewable Energy Technologies

Prerequisite: Completion of Math 154 and Phys 113 with grades of C or better, or permission of instructor.

This course will provide an introduction to renewable energy technologies, primarily solar photovoltaics, wind power generation, efficient building design and materials, and passive solar heating. Renewable energy system design and installation will be covered, including load analysis, system sizing and location, and installation and monitoring. Stand-alone and grid-intertie systems will be covered.

3 credits

EnS 493-5 Senior Internship

Prerequisite: Senior status and approval of advising instructor and Academic Coordinator of the Environmental Sciences Program. An internship involves working with a public or private agency or organization involved with some aspect of environmental management, inventory, or research.

3 to 5 credits

Geology

Geol 133 Environmental Geology

Prerequisite: CoSu 103 (or test-out, or permission of instructor)

A study of the earth's processes involved in the shaping of the earth. Topics include rocks and minerals, landforms, plate tectonic theory, and a survey of geological processes acting at the surface of the Earth such as wind, rivers, glaciers, ground water and the sea. This course will also allow students to examine how human activities influence the Earth's physical environment. A laboratory component will be included.

(2,2)

3 credits

Mathematics

Math 083 Basic Mathematics I

Prerequisite: None

This course is intended for those students who need a review of basic computational skills as indicated by the Math placement test. Topics include addition, subtraction, multiplication, and division with whole numbers, decimals, and fractions. Also covered are order of operations and problem solving. This course replaces Math 011 and Math 021

3 credits

Math 093 Basic Mathematics II

Prerequisite: None

This course is intended for those students who need a review of more advanced computational skills as indicated by the Math placement test. Topics include ratio/percent, measurement, unit conversion, introduction to algebra and geometry. This course replaces Math 031 and Math 041.

3 credits

Math 103 Elementary Algebra

Prerequisite: An acceptable score on the math placement examination or a grade of *C* or better in Math 093

This course prepares students for Intermediate Algebra. Topics covered include the Real number system, solving linear equations, formulas, graphing, exponents and polynomials.

Note: Students that have taken and passed Math 103-Applied Math (listed in previous catalogs) are not required to take this course.

3 credits

Math 134 Intermediate Algebra

Prerequisite: Math 103 with a grade of *C* or better, or an acceptable score on the mathematics placement examination. This course prepares the student for College Algebra. Topics covered in this course are the basic rules of algebra, properties of real numbers, order and absolute value, integer exponents, radicals and rational exponents, polynomials and special products, factoring, the graphs of lines on the Cartesian plane and fractional expressions.

4 credits

Math 154 College Algebra

Prerequisite: Math 134 with a grade of *C* or better, or an acceptable score on the mathematics placement examination, or permission of instructor. Topics include functions and their graphs, including polynomial and rational functions, exponential and logarithmic functions. Absolute value equations and inequalities; compound inequalities; complex numbers; systems of second degree equations and inequalities; conic sections; matrices and determinants as well as mathematical induction and the Binomial Theorem are included.

4 credits

Math 163 Trigonometry

Prerequisite: Math 154 with a grade of *C* or better, or an acceptable score on the mathematics placement examination. Math 154 may be taken concurrently but only with permission of instructor.

Topics include trigonometric functions of real numbers and their graphs; inverse trigonometric functions; solutions of triangles and applications thereof; trigonometric identities and equations; polar coordinate system, graphing in polar coordinates, complex numbers and DeMoivre's Theorem.

3 credits

Math 194 Calculus I

Prerequisites: Math 163 completed with a grade of *C* or better, or an acceptable score on the calculus qualifying examination, or permission of instructor.

A study of plane analytic geometry, limits, derivatives of algebraic and elementary transcendental functions, differentiation, anti-differentiation, and integration of algebraic and trigonometric functions with applications in each area.

4 credits

Math 214 Calculus II

Prerequisites: Math 194 completed with a grade of C or better, or an acceptable score on the calculus qualifying examination, or permission of instructor.

Continuation of Math 194 for transcendental functions, integration techniques, infinite series and sequences, indeterminate forms, improper integrals, parametric equations, and polar coordinates.

4 credits

Math 224 Calculus III

Prerequisite: Math 214, with a grade of C or better, or permission of instructor.

A continuation of Math 214. Study includes polar coordinates, parametric equations, vector-valued functions, functions of multiple variables, multiple integrals and line and surface integrals. Topics also covered are level curves, gradients, cylindrical and spherical coordinates.

4 credits

Math 314 Applied Statistics

Prerequisite: Math 134 completed with a grade of C or better, or permission of instructor.

Topics include samples and populations, distributions, descriptive statistics, probability and statistical inference, experimental design, correlation and linear regression, and questionnaire methods. A lab portion of the course will introduce students to the use of computer-based statistical programs to solve problems in elementary statistics.

4 credits

Math 323 Math for Elementary Teachers I

Prerequisite: Math 134 completed with a grade of C or better.

This course covers the first part of the mathematics content taught in elementary schools. It - along with Math 333 - is required for all bachelor degree education majors. Topics include problem solving, sets and functions, the study of numeration systems, basic operations (properties and algorithms) and whole numbers, integers and rational numbers; and elementary number theory.

3 credits

Math 333 Math for Elementary Teachers II

Prerequisite: Math 323 completed with a grade of C or better.

This course covers the second part of the mathematics content taught in elementary schools. Topics include probability and statistics, problem solving, measurement, properties of geometric shapes, coordinate geometry, and transformational geometry.

3 credits

Math 290/490 Special Topics in Math

A study in selected topics in mathematics. Topics may change each semester and may be repeated for credit. Credits may vary from one (1) to four (4) credits. When taken at the 200 level, it is expected that the student will do sophomore level work. A 400 level implies a senior level course with extensive work expected.

Physics

Phys 113 Survey of Physics

Prerequisites: Math 154 completed with a grade of C or better, or permission of instructor.

This course is designed to cover broad topics such as mechanics, states of matter, wave motion, electricity and magnetism. Focus will be given to development of students critical thinking skills. Students will be challenged to apply these skills to conceptual type situations as well as problems that require a fundamental knowledge of college level algebra. 3 credits

Phys 214 Physics I

Prerequisites: Phys 113 completed with a C or better or an acceptable score on a Physics I qualifying examination and prior/concurrent registration in Math 214.

The basic physical principles of Newton's laws of motion and the conservation laws concerning momentum, energy and angular momentum are applied to the linear and curvilinear motion of particles, simple harmonic motion and the rotation of rigid bodies. An introduction to relativity and quantum concepts will also be included.

4 credits

Phys 223 Physics II

Prerequisite: Phys 214, completed with a grade of C or better, and at least concurrent registration in Math 224, or permission of instructor.

This is a continuation of the basic physical principles covered in Physics I, which extends to magnetic fields, and electric fields. Charged particles and electrical current are covered as well as basic DC and AC circuits. Gaussian surfaces, resistance, capacitance, and magnetic induction are studied. Extensive calculus is used.

3 credits

Phys 221 Physics II Laboratory

Prerequisites: Physics 223 is to be taken concurrently.

A hands on introduction to physical phenomena. Experiments will be performed in kinematics, force, freefall, projectile motion, friction, rotational motion, electrostatics and magnetic fields, simple ac/dc circuits, and optics. The experiments supplement the work in Phys 214, and Phys 223.

1 credit.

Adjuncts: Due to the decentralized nature of OLC, the department relies on Adjunct Lecturers to provide instruction for courses that the fulltime faculty cannot cover. Over the years, certain Adjuncts have proven both effective and reliable. These instructors work hard and many times face difficult obstacles such as weather. The department would like to recognize:

Carrie Child ñ Bio 103, Bio 113, Bio 224

Kim Clausen ñ Bio 113

John Lehner ñ Math 134, math 154, Math 163

Suzy Mesteth ñ Basic Math

Neal Peterson ñ Basic Math, Math 103, Math 134

A.J. Silva ñ Bio 113, Math 134

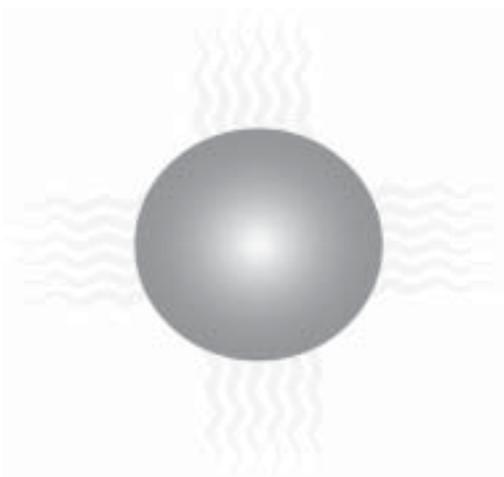
Annemarie Clifford ñ Basic Math, Math 103

Dick DeNeui ñ Basic Math, Math 103

Darrin Merrival ñ Basic Math

William O'Connell ñ Basic Math, Math 103

Robert Schlotman ñ Basic Math, Math 103



AGRICULTURE & NATURAL RESOURCE DEPARTMENT

Trudy Ecoffey, Department Chairperson/Project Director/Ag.&N.R. Coordinator
Theresa Lone Hill, Agriculture Data/Media Processor
Benny Rosales, Agriculture Field Aide
Leslie Henry, Agriculture/Natural Resource Instructor
Michel Melvin, Ag. Coordinator

VISION STATEMENT (drafted 10/16/99)

"The Agriculture & Natural Resource Department supports the growth of the Pine Ridge Reservation's human resources through academic, community, & research training for economic self-sufficiency with respect for cultural values."

DEGREES

I. Bachelor of Science in General Agriculture is a four-year degree developed by the department from committee request from Pine Ridge Reservation Agriculture Technology Committee to develop a hands-on four-year degree program in the area of Farm & Ranch Management. The new degree program has three professional areas of study for a student to choose from:
Option A - General Agriculture in Farm & Ranch Management
Option B - Natural Resource Management
Option C - Agriculture/Business Management

II. Associate of Arts is a two year degree intended for those who want to pursue a bachelors degree. It is designed for broad education and transfer without loss of credit. Department currently has a list of OLC courses that will transfer to South Dakota State University (SDSU), Brookings, SD through a 2+2+2 arrangement between reservation high schools, OLC, and SDSU.

The A.A. is offered in the following two areas:

A. Agriculture

B. Natural Resources

III. Associate of Applied Science is a vocational degree program. The program is designed to meet local needs and is not designed for complete transfer of credits into a higher degree. The courses are designed to have hands-on application of scientific or practical ideas. The programs will change with the needs of the agriculture & natural resource professions.

The A.A.S. is offered in the following two areas:

A. Agri-Business

B. Organic Agriculture

IV. A one year certificate is available in Organic Gardening.

V. Community education is available through the department's Extension programs in the format of workshops, seminars, or visits to elementary through college classrooms as guest speakers. A new nutrition, diet, & health extension program is offering community workshops, seminars, or classroom instruction in elementary through college courses. This program is designed to assist in the education of community members interested in a healthy diet and life style. This program coordinates training with SDSU's Pine Ridge Extension program. An example of activities available are as follows:

- A. Annual Farm & Ranch Day
- C. To Eat or Not To Eat (Wild Edible Plants)
- E. Range Management
- G. Nutrition Education (Basic Five)

- B. Organic Gardening Workshops
- D. Solar Energy
- F. Water Resource Management
- H. Other areas available upon request

Continuing Education Units are available upon request for the above training or other special topics related to agriculture, natural resources, or family and consumer sciences.



AGRICULTURE & NATURAL RESOURCES DEPARTMENT

BACHELOR OF SCIENCE IN GENERAL AGRICULTURE

	where taken	date	grade
1. CORE (34 credits)			
CoSu 103 College Success	3	_____	_____
Engl 103* Freshman English I	3	_____	_____
Engl 113* Freshman English II	3	_____	_____
SpCm 103 Speech Communication	3	_____	_____
Math 134* Intermediate Algebra or above	4	_____	_____
Natural Science Elective (Option B req. Bio 223)	3	_____	_____
Psy 103 General Psychology	3	_____	_____
Social Science Electives (Option C Economics suggested)	3	_____	_____
CSc 103* Applied Information Processing	3	_____	_____
Literature Elective	3	_____	_____
Humanities course	3	_____	_____
2. LAKOTA STUDIES (15 credits)			
Lak 103 Lakota Language I	3	_____	_____
LSoc 103 Lakota Culture (or LHist 203, LHist 213)	3	_____	_____
Lakota Studies Electives at 300 level or above	3	_____	_____
Lakota Electives: 6 credits	3	_____	_____
	3	_____	_____
3. GENERAL AGRICULTURE/NATURAL RESOURCE REQUIREMENTS (30 credits)			
Chemistry at 100 level or above	3	_____	_____
NaRs 143 Introduction to Natural Resources	3	_____	_____
NaRs 103 Environmental Processes	3	_____	_____
AnSc 103 Animal Science	3	_____	_____
PSc 103 Crop Production	3	_____	_____
Rang 113* Range Principles	3	_____	_____
Rang 103 Range Plants Identification	3	_____	_____
PSc 233* Weed Science	3	_____	_____
PSc 213 Soils	3	_____	_____
AgEc 263 Farm & Ranch Management	3	_____	_____
4. Professional Requirements (33-36 credits)			
Option A - General Agriculture in Farm & Ranch Management			
AnSc 233 Bison Science I	3	_____	_____
AnSc 303 Animal Nutrition/Feeds & Feeding	3	_____	_____
AnSc 313 Animal Breeding	3	_____	_____
AnSc 323 Animal Reproduction	3	_____	_____

PSc 303	Forage Production	3 _____
AnSc 403	Beef Science	3 _____
AnSc 413	Equine (Horse) Science	3 _____
AnSc 423	Animal Health & Disease	3 _____
Rang 413	Range Improvement (SDSU Rang 415)	3 _____
Bio 473	Range Ecology	3 _____
AgEc 483	Tiospaye Practicum (Holistic Management)	3 _____
Option B - Natural Resource Management		
AgEc 253	Reservation Land Use Planning	3 _____
NaRs 113	Watershed Principles	3 _____
NaRs 123	Forest Principles	3 _____
NaRs 203	Environmental Conservation	3 _____
NaRs 233	Bison Science I (same as AnSc 233)	3 _____
NaRs 323	Natural Resource Measurements (SDSU Rang 325)	3 _____
NaRs 353	Introduction to Appropriate Technology	3 _____
EnS 333*	Introduction to GIS/GPS	3 _____
Bio 443	Range Ecology	3 _____
NaRs 403	Introduction to Tourism	3 _____
AgEc 483	Tiospaye Practicum (Holistic Management)	3 _____
	Wildlife course at 300 level or above	3 _____
Option C - Agriculture/Business Management		
Acct 213*	Principles of Accounting II	3 _____
AcEc 243	Principles of Agri-Business Management	3 _____
AgEc 253	Reservation Land Use Planning	3 _____
AgEc 323*	Agriculture Marketing and Prices	3 _____
BAd 133	Introduction to Business	3 _____
BAd 333	Business Letter & Report Writing or	3 _____
BAd 373*	Grant Proposal Writing & Management	3 _____
BAd 363	Business Finance I	3 _____
AgEc 413*	Agriculture Finance	3 _____
AgEc 423*	Agriculture Policy	3 _____
AgEc 483*	Tiospaye Practicum (Holistic Management)	3 _____
AgEc 493*	Ag. Business Internship	3 _____
5. Free Electives (15-18 credits)		
	Free Electives at 300 level or above	9 _____
	Free Electives	9 _____

(Any Agriculture, business, Natural Resource, Science, Lakota Studies, or Human Services courses are recommended)

TOTAL: 129 CREDITS

**AGRICULTURE & NATURAL RESOURCES DEPARTMENT
ASSOCIATE OF ARTS IN AGRICULTURE
(Transfer Degree)**

		where		
		taken	date	grade
1. CORE (24 credits)				
Engl 103*	Freshman English I	3	_____	_____
Engl 113*	Freshman English II	3	_____	_____
SpCm 103	Speech Communication	3	_____	_____
Math 103*	Elementary Algebra or above	3	_____	_____
Bio 153*	Introductory Biology I	3	_____	_____
	Humanities course	3	_____	_____
Econ 203	Principles of Microeconomics	3	_____	_____
CoSu 103*	College Success	3	_____	_____
2. LAKOTA STUDIES (15 credits)				
Lak 103	Lakota Language I	3	_____	_____
LSoc 103	Lakota Culture (or LHist 203, LHist 213)	3	_____	_____
	Lakota Studies Electives: 9 credits	3	_____	_____
	_____	3	_____	_____
AgEc 253	Reservation Land Use Planning (option)	3	_____	_____
3. GENERAL BUSINESS REQUIREMENTS (30 credits)				
Chem 104*	Survey of General Chemistry	4	_____	_____
Bio 163*	Biology II	3	_____	_____
NaRs 103	Environmental Processes	3	_____	_____
AnSc 103	Animal Science	3	_____	_____
PSc 103	Crop Production	3	_____	_____
Rang 113*	Range Principles	3	_____	_____
Rang 103	Range Plants Identification	3	_____	_____
PSc 233*	Weed Science	3	_____	_____
PSc 213	Soils	3	_____	_____
NaRs 203	Environmental Conservation	3	_____	_____

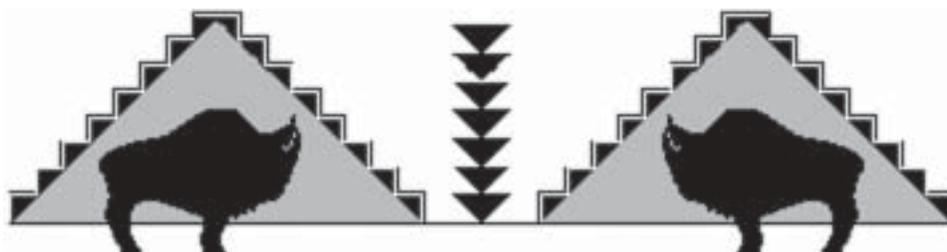
2003-2004 Catalog



**AGRICULTURE & NATURAL RESOURCES DEPARTMENT
ASSOCIATE OF ARTS IN NATURAL RESOURCES MANAGEMENT
(Transfer Degree)**

		where		
		taken	date	grade
1. CORE (24 credits)				
Engl 103*	Freshman English I	3	_____	_____
Engl 113*	Freshman English II	3	_____	_____
SpCm 103	Speech Communication	3	_____	_____
Math 103	Elementary Algebra (or higher)	3	_____	_____
Bio 153*	Introductory Biology I	3	_____	_____
	Humanities course	3	_____	_____
Econ 203	Principles of Microeconomics	3	_____	_____
CoSu 103	College Success	3	_____	_____
2. LAKOTA STUDIES (15 credits)				
Lak 103	Lakota Language I	3	_____	_____
LSoc 103	Lakota Culture (or LHist 203, LHist 213)	3	_____	_____
	Lakota Studies Electives: 9 credits	3	_____	_____
	_____	3	_____	_____
AgEc 253	Reservation Land Use Planning (option)	3	_____	_____
3. GENERAL BUSINESS REQUIREMENTS (30 credits)				
Chem 104*	Survey of General Chemistry	4	_____	_____
NaRs 103	Environmental Processes	3	_____	_____
NaRs 143	Introduction to Natural Resources	3	_____	_____
NaRs 133	Dendrology OR Rang 103, Range Plant ID	3	_____	_____
Rang 113*	Range Principles	3	_____	_____
NaRs 123	Forest Principles	3	_____	_____
NaRs 113	Watershed Principles	3	_____	_____
PSc 213	Soils	3	_____	_____
NaRs 203	Environmental Conservation	3	_____	_____
NaRs 293*	Natural Resource Field Experience	3	_____	_____

2003-2004 Catalog



**AGRICULTURE & NATURAL RESOURCES DEPARTMENT
ASSOCIATE OF APPLIED SCIENCE IN AGRI-BUSINESS**

		where		
		taken	date	grade
1. CORE (18 credits)				
Engl 103*	Freshman English I	3	_____	_____
Engl 113*	Freshman English II	3	_____	_____
SpCm 103	Speech Communication	3	_____	_____
Math 103	Elementary Algebra (or higher)	3	_____	_____
	Social Science (Econ 203)	3	_____	_____
CoSu 103	College Success	3	_____	_____
2. LAKOTA STUDIES (9 credits)				
Lak 103	Lakota Language I	3	_____	_____
LSoc 103	Lakota Culture	3	_____	_____
LPol 233	Tribal Laws, Treaties & Government or	3	_____	_____
AgEc 253	Reservation Land-Use Planning or			
Econ 233	Reservation Economics	3	_____	_____
3. PROFESSIONAL REQUIREMENTS (36 credits)				
CSc 113*	Applied Information Processing	3	_____	_____
	Bio 113*, NaRs 103 or NaRs 143	3	_____	_____
AnSc 103	Animal Science	3	_____	_____
PSc 103	Crop Production	3	_____	_____
BMath 153	Business Math	3	_____	_____
AgEc 243	Principles of Agri-Business Management	3	_____	_____
AgEc 263	Farm & Ranch Management	3	_____	_____
Acct 203*	Principles of Accounting I	3	_____	_____
AgEc 323*	Ag. Marketing & Prices	3	_____	_____
Econ 203*	Principles of Micro-economics	3	_____	_____
BAd 133	Introduction to Business	3	_____	_____
	Free business elective at 300 level or higher	3	_____	_____
4. INTERNSHIP (3 credits)				
AgEc 293*	Internship in Agri-Business	3	_____	_____



AGRICULTURE & NATURAL RESOURCES DEPARTMENT

ASSOCIATE OF APPLIED SCIENCE IN ORGANIC AGRICULTURE

		where taken	date	grade
1. CORE REQUIREMENTS (21 credits)				
Engl 103*	Freshman English I	3	_____	_____
Engl 113*	Freshman English II	3	_____	_____
SpCm 103	Speech Communication	3	_____	_____
Math 103	Elementary Algebra (or higher)	3	_____	_____
CoSu 103*	College Success	3	_____	_____
	Social Science (Econ 203)	3	_____	_____
CSc 113*	Applied Information Processing	3	_____	_____
2. LAKOTA STUDIES (9 credits)				
Lak 103	Lakota Language I	3	_____	_____
LSoc 103	Lakota Culture	3	_____	_____
LPol 233	Tribal Laws, Treaties & Government or	3	_____	_____
AgEc 253	Reservation Land-Use Plng. or Econ 233 Res.Econ.			
3. PROFESSIONAL REQUIREMENTS (27 credits)				
AgEc 103	Introduction to Organic Gardening	3	_____	_____
AgEc 113	Soil Management for Organic Gardening	3	_____	_____
AgEc 124	Vegetable Production/Food Preservation	3	_____	_____
AgEc 132	Plant Health Management Organic Grdng.	3	_____	_____
AgEc 296*	Organic Gardening Internship	6	_____	_____
Chem 113*	Environmental Chemistry or Chem 104 Gen. Chem.	3-4	_____	_____
PSc 233*	Weed Science	3	_____	_____
PSc 213	Soils	3	_____	_____
4. PROFESSIONAL ELECTIVES (9 credits) Any of the following classes:				
Rang 103	Range Plant Identification	3	_____	_____
NaRs 133	Dendrology (Tree Identification)	3	_____	_____
PSc 103	Crop Production	3	_____	_____
AnSc 103	Animal Science	3	_____	_____
AgEc 263	Farm & Ranch Management	3	_____	_____
NaRs 103	Environmental Processes	3	_____	_____
NaRs 113	Watershed Principles	3	_____	_____
NaRs 123	Forest Principles	3	_____	_____
NaRs 143	Introduction to Natural Resources	3	_____	_____
Ag.Ec 323	Ag. Marketing and Prices	3	_____	_____
BMath 213	Business Math I	3	_____	_____
AgEc 243	Principles of Agri-Business Management	3	_____	_____
AgEc 253	Reservation Land-Use Planning	3	_____	_____

AGRICULTURE & NATURAL RESOURCES DEPARTMENT ORGANIC GARDENING CERTIFICATE

	where taken	date	grade
1. CORE (9 credits)			
Engl 103* Freshman English I	3	_____	_____
Mathematics (100 level)	3	_____	_____
CoSu 103* College Success	3	_____	_____
2. LAKOTA STUDIES (6 credits)			
Lak 103 Lakota Language I	3	_____	_____
Lakota Studies Elective	3	_____	_____
3. PROFESSIONAL REQUIREMENTS (18 credits)			
AgEc 113 Soil Management for Organic Gardening	3	_____	_____
AgEc 124 Vegetable Production/Food Perservation	4	_____	_____
AgEc 132 Plant Health Mgt. Organic Gardening	2	_____	_____
AgEc 103 Introduction to Organic Gardening	3	_____	_____
AgEc 296* Organic Gardening Internship	6	_____	_____



COURSE DESCRIPTIONS

AGRICULTURE

AgEc 243 Principles of Agri-Business Management

Applying management principles and functions to Agri-business firms, farms and ranches. Major topics include recordkeeping, calculating inventories and determining depreciation and investment credit.

3 credits

AgEc 253 Reservation Land Use

Course deals with the land; its uses and potentials, policies and regulations governing such things as grazing, leases, buying and selling, exploration and environmental impacts of land use on the Pine Ridge Indian Reservation and other reservations nationwide. This course meets the requirement for a Lakota Studies elective. 3 credits

AgEc 263 Farm and Ranch Management

Farm and ranch business from view point of continuous profit and efficiency. Basic principles of farm management, applied to selection and combination of enterprises, level of production, size of business, labor efficiency and machinery efficiency. Types of farming, tenure and leasing, risk, prices, credit and starting farming, ranching business and production records, their analysis and use in budgeting and planning future operations.

3 credits

AgEc 293 Internship in Agri-Business

Supervised field experience in Agri-Business. Prerequisite: Sophomore Standing. 3 credits

AgEc 323 Agriculture Marketing and Prices

Market structure, conduct and performance factors within the tribal, domestic and global marketing areas with specific emphasis on the farm and ranch components and agricultural input markets. Specific attention involves governments role in marketing, market basket, price spreads, price analysis, future market Ag. Commodities and contract marketing. Basics of internet, local, private auctions will also be covered. Prerequisites: Econ 203, Math 113 or higher, AgEc 243

3 credits

AgEc 413 Agriculture Finance

Economic theories related directly to the market for capital and associated production cost with application to the farm, ranch and agricultural sectors. Specific study deals with financial statements, financing enterprises and sources agricultural credit including private and governmental lending institutions. Prerequisites: AgEc 243, Acct 203, Econ 203.

3 credits

AgEc 423 Agriculture Policy

The basics of agricultural production unit within the domestic, tribal and global markets with the focus on the dynamics of the agricultural sector and economic system. Analysis focuses on traditional and current agricultural and economic policies within the context of positive and normative economics. Students will gain understanding on USDA Farm Policies and procedures that focus on developing sound policy. Prerequisites: AcEc 243, Acct 203, Econ 203.

3 credits

AgEc Agriculture Internship

Supervised field experience in Agri-Business. 3 credits

AGRICULTURE6ORGANIC

AgEc 103 Introduction to Organic Gardening

This course will introduce students to a method of food production in which the growers work in harmony with nature instead of trying to tame her. It will explore the use of organic methods of plant production, not only for food but also for pleasure. The plant people are very important for the survival of the Lakota. This course will explore ways to improve or revive old natural ways of coexistence with the plant people.

3 credits (2 Lab, 2 Lecture)

AgEc 113 Soil Management for Organic Gardening

The course explains the basic role of soils for plant growth and cultivation. Physical, chemical and biological aspects of soils will be studied. Special attention is given to cyclic processes and the maintenance and renewal of soil fertility. Lab-classes will deal with the details of soil preparation and management. Composting procedures and methods will receive special attention.

3 credits

AgEc 124 Organic Vegetable Production and Food Preservation

The course will demonstrate the principles of organic vegetable production. An introduction in gardening techniques such as seeding, planting, irrigation, plant nutrition, harvesting and food preservation will provide the basis for practical experience in lab-classes. The course will emphasize the vegetable production procedures using organic gardening systems with special consideration to the ecosystems of the reservation. A rather wide range of different vegetable crops will be discussed.

3 credits

AgEc 132 Plant Health Management in Organic Gardening

The course demonstrates health hazards of cultivated plants. It deals with competition with other plants (weeds); damage by animals such as nematodes, mites, insects, snails, birds and mammals; diseases caused by viruses, bacteria and fungi; non-parasitic stresses by climatic factors, pollution and cultivation techniques. It will be shown, that balancing positive and negative effects of those factors is the key for successful organic plant production without regular intervention by toxic chemicals. Specific control methods for individual problems will be discussed and demonstrated, using physical, cultural and chemical intervention.

2 credits

AgEc 296 Organic Gardening Internship

This course offers the student the opportunity to gain practical experience in organic gardening. The management of their own garden plot on a local field site permits learning of vegetable production with special aspects to the ecosystem in the reservation. Data will be collected to establish a vegetable production system focused on a respectful use of soil, water and energy. The student will be supervised by the instructor.

Prerequisite: Sophomore standing or permission of Instructor

6 credits

ANIMAL SCIENCE

AnSc 103 Animal Science

Adaption, breeding, feeding, marketing classification, selection of market and breeding types of beef cattle, horses, sheep, swine and poultry, introduction to bison management within the ecological balance of natural resources available to a producer.

3 credits

AnSc 233 Bison Science I

A study of bison and the relationship to the Lakota culture, and the natural environment of primarily the Great Plains region. Students will gain an understanding of bison in regards to history, other wildlife, range ecology, management, production and economics.

3 credits

AnSc 303 Applied Animal Nutrition/Feeds and Feeding

Classification and nutrition characteristics of feedstuffs; methods of evaluating feedstuffs; principles of ration formulation and balancing for farm animals; preparation processing, handling and storage of feedstuffs; Function of various nutrients; digestion and metabolism of nutrients by different animals. Prerequisites: AnSc 103 & Rang 113.

3 credits

AnSc 313 Animal Breeding

Application of animal genetics for improvement of livestock herds. Emphasis on occurrence, origin, use and control of variation in economically important traits related to improvement of livestock. Prerequisite: AnSc 103. 3 credits

AnSc 323 Animal Reproduction

Anatomy and Basic physiological processes of reproduction in domestic animals, factors affecting and methods of improving of improving reproductive efficiency. Prerequisite: AnSc 103

3 credits

AnSc 403 Beef Science

Feeding, breeding, health, diseases and managements principles of beef cattle production under farm and ranch operations. Prerequisite: AnSc 103

3 credits

AnSc 413 Equine Science (Horse)

Equine industry, breeds selection, from to function, care and management, soundness, health, reproduction, and feeding. Prerequisite: AnSc 103

3 credits

AnSc 423 Animal Health & Disease

Application of basic animal health issues for improvement of livestock herds. Emphasis is on occurrence, origin, and control of livestock diseases and their economical impact on the industry. Prerequisite: AnSc 103.

3 credits

NATURAL RESOURCES

NaRs 103 Environmental Processes

Introductory overview of processes and cycles in our dynamic environment; land mass processes, plant processes, weather processes, evolutionary processes. Ecosystem processes such as plant biomass fluctuation, metabolic functions, animal population dynamics; abiotic processes such as heat flow, water flow and weathering Water and land mass processes such as cocainism, land movements, sedimentation, metamorphosis, erosion, running water, ocean shorelines, glaciers, deserts, groundwater, ocean currents, atmospheric components and prevailing winds, air pressure, layering protecting against sun, cycling distribution functions. Prerequisite: None

3 credits

NaRs 113 Watershed Principles

Watershed processes, characteristics and measurements, land use practices for proper watershed management; analysis techniques. Hydroponic cycle and components, ownership and value of water, organizations of water managers, water quality and quantity concepts relating to range, forests, agriculture, mining and other land uses, data sources and analysis for decision making, conservation methods, careers. 3 credits

NaRs 123 Forest Principles

Forests processes and characteristics; measurement and analysis techniques, forest uses and management methods. Basic silviculture, forest growth, harvest regulation in forest crop production. Ecologic, climatic, hydrologic processes and characteristics. Tree growth processes and tree characteristics. Principles of measurements of trees, logs, growth and timber cruising. Silviculture practices in thinning, health control, and harvest cutting. Forest management and harvesting for products. 3 credits

NaRs 133 Dendrology (Tree Identification)

The identification and systematic classification of trees. Basic vocabulary and tree identification; the use of keysí scientific names, tree descriptions and characteristics useful in classification and identification. 3 credits

NaRs 143 Introduction to Natural Resources

Professional vocabulary, concepts, approaches, issues, information sources, and goals of natural resources management. Looks at profession education and career opportunities as well as technician opportunities identification of resources, ownership concepts and laws, organization of federal and local managements, use conflict analysis, resource characteristics, data sources and decision making approaches. 3 credits

NaRs 203 Environmental Conservation

Ecological approach to conservation manís present and past impact on world environments; wise use of natural resources, including soil, water, air, forest, rangelands, energy, wildlife and fisheries. 3 credits

NaRs 233 Bison Science I

A study of bison and the relationship to the Lakota culture, and the natural environment of primarily the Great Plains region. Students will gain an understanding of bison in regards to history, other wildlife, range ecology, management, production and economics. 3 credits

NaRs 263 Natural Resource Practicum I

Practical experience with local, state, and federal agencies who deal with the utilization and preservation on natural resources. These experiences will be done in the format of field trips, workshops, etc. where hands on learning can place. Examples of experiences are as follows: timber evaluation; wildlife preservation techniques; safe mining techniques; reforestation; range improvement; erosion control; pollution; etc. This course should be take at the same time as Natural Resource Practicum II. Prerequisite: Sophomore Standing 3 credits

NaRs 273 Natural Resource Practicum II

A continuation of practical experience with local, state and federal agencies who deal with the utilization and preservation of natural resources. These experiences will be done in the format of field trips, workshops, etc. where hands on learning can take place. Examples of experiences are as follows: range evaluation contests; landscape improvement techniques; recordkeeping techniques and analysis; waste management regulations; fisheries management; wetland preservation; etc. This course should be taken at the same time as Natural Resource Practicum I. Prerequisite: Sophomore Standing/Natural Resource Practicum I at the same time. 3 credits

NaRs 290 Natural Resources Special Training

Special training in natural resource quantification or interpretation at another campus, by visiting experts, or at field site. Prerequisite: NaRs 103, NaRs 143

1-3 credits

NaRs 293 Natural Resource Field Experience

Students will take part in field experiences as evaluation or monitoring of range and forest conditions at the local, state or federal level. Other field experience as updating soil survey maps; insect monitoring; water development; water monitoring for pollution; land use planning; harvesting and production of timber; and other related field experiences, as they become available to the department for students, will be provided.

3 credits

NaRs 323 Natural Resource Measurements

Basic vocabulary, concepts, tools, procedures and report forms for measuring natural resources. Emphasis is on concepts of sampling, degree of accuracy and on interpretation of data collected. Prerequisites: NaRs 103 & NaRs 143. 3 credits

NaRs 353 Introduction to Appropriate Technology

Introduction to appropriate technology in housing, foods, and energy self-sufficiency as well as production manufacturing potentials with limited natural resources. Appropriate technology "fits" the situation and culture. Development takes on a localized meaning and methodology and ranges in level from subsistence to industrialization. Prerequisites: NaRs 103 & NaRs 143

3 credits

NaRs 403 Introduction to Tourism

Introduction to the art, science, and business of attracting and transporting visitors to local natural resource sites. Look at local accommodations and ways to graciously cater to their needs and wants. Explore what makes tourism possible and how tourism can become an important factor in the wealth of any nation. Prerequisites: NaRs 103 & NaRs 143

3 credits

AgEc 483 Tiospaye Practicum (Holistic Management)

Capstone course. Goal setting, managing of soil, water, plant, animal, and human resources emphasized. Appropriate technology concepts related to land use planning and business management. Allows for group interaction, organization and decision making. Prerequisite: Senior Standing

3 credits

PLANT SCIENCE

PSc 103 Crop Production

Fundamental practices and principles; crop distribution; growth processes; response to environment. Grain and forage crops, including their distribution, use improvement, growth, harvesting and marketing will be studied as they relate to the balance or improvement of local natural resource within the ecology of an area.. Prerequisite:

None

3 credits

PSc 213 Soils

Development and classification of soils; physical biological chemical properties; management aspects including water, fertility, and erosion, soils in the environments.

3 credit (2 lab, 2 lecture)

PSc 233 Weed Science

Principles of chemical, mechanical and cultural methods of control; identification of weed plants and weed seeds. Prerequisite: Range 103

3 credits

PSc 303 Forage Production

Emphasis on forage production, harvesting, storage, (alfalfa, silage, hay) range history, ecology, physiology of the forage plants, some grazing management. Prerequisites: PSc 103

3 credits

RANGE MANAGEMENT

Range 103 Range Plants Identification

Systematic study of range plants; their classification and nomenclature; their grazing value. Laboratory practice in recognition of the major species common to South Dakota. Prerequisite: None

3 credits

Range 113 Range Principles

Application of range science principles to management of rangelands. Emphasizes range history, ecology and physiology of range productivity and utilization; range inventory and analysis; systems of grazing management and range improvement. Prerequisite: Range 103

3 credits (2 lab, 2 lecture)

Range 213 Range Ecology

Description of the range ecosystems of the U. S. with a discussion of the major uses of each and the problems of management on private ranches and on public lands. The major range plants and animals of each region will be studied including the ecology forage value and grazing responses of important range plants species.

Prerequisite: Range 103

3 credits

Range 263 Agriculture Practicum I

Practical experience on local Farms and Ranches under the instructors supervision. These experiences will be done in field trip form where hands on learning can take place. Examples of experiences are as follows: Cattle or buffalo roundups; calving; pregnancy testing; artificial insemination; livestock shows; project of raising and showing students' own livestock in local show; judging of raising and showing students' own livestock in local show; judging of livestock or vegetables at local contests; preparing fields for spring or fall planting; harvesting of small grains; judging at range contests; etc. This course should be taken at the same time as Agriculture Practicum II. Prerequisite: Sophomore Standing

3 credits

Rang 413 Range Improvement & Grazing Management

Management of private and/or public ranges for optimum biological and economic output various products and values. Emphasis is on the planning application and effect of grazing management, tillage, seeding, plant control, and related practices for range improvement and reclamation. Prerequisites: Rang 103 & Rang 113. (SDSU 415 Range Improvement & Grazing Management)

3 credits

APPLIED SCIENCE AND TECHNOLOGY DEPARTMENT

Neva Zephier, Voc.Ed. Program Coordinator/Dept. Chairperson

Tiffany M. Janis, Secretary

Thomas Brewer, Vocational Carpentry Instructor

Paul Cedar Face, Vocational Entrepreneurship Instructor

Jim Dudek, Management Information Systems Instructor

William Elliott, Computer Science Instructor

Allen Hatch, Vocational Electrical Instructor

Marilyn Kockrow, Vocational Office Technology/Office Automation Instructor

Sheris Red Feather, Business Accounting Instructor

Joanne iSusieî White Thunder, Vocational Business Computer Science Instructor

Loren Young, Business Administration Instructor

Andrew Thompson, Business Administration Instructor

Vacant, HVAC Instructor

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

This is a four-year degree in Business Administration with a choice of one of three areas of specialization: Management, Accounting or Tribal Management. Each degree provides a foundation of general business knowledge and skills, as well as specialized preparation for those who want to pursue a career in government, tribal programs, or in private business.

BACHELOR OF SCIENCE IN BUSINESS EDUCATION

This is a four-year degree focusing on business, in cooperation with the Education Department, which provides the opportunity to be certified as a Secondary School teacher in Business Education.

BACHELOR OF SCIENCE IN ACCOUNTING

This is a four-year degree focusing on the fundamentals of accounting with courses in managerial accounting to become a Certified Internal Accountant, Certified Government Accountant, or Certified Managerial Accountant. There are also additional courses for those interested in becoming a Certified Public Accountant.

ASSOCIATE OF ARTS

This is a two-year degree intended for those who ultimately may decide to pursue a bachelorís degree. This program is designed to provide the student a basic education in business, while facilitating continuation of their education toward a bachelorís degree in Business, at a future date, without loss of credit. It is also suitable for those who seek an AA Degree from OLC, but plan to pursue further education at another accredited institution of higher education, and want to ensure that their degree and/or credits fully transfer.

The A.A. Degree is offered in: Accounting, General Business and Tribal Management.

ASSOCIATE OF APPLIED SCIENCE

The A.A.S. degree is a technical education and career-training program, designed to provide students with hands-on experience in a variety of tasks and duties found in the world of business and government. These programs are not designed to facilitate the complete transfer of credits earned toward a higher academic degree. (A.A.S. programs are only offered if, and when, Vocational funding is available. Please contact the

Applied Science & Technology Department to see if the particular program of interest is currently funded. Vocational degree programs are subject to change without notice, depending upon community needs and availability of funding.)

Currently, A.A.S. Degrees are offered in:

- | | |
|---------------------------|--|
| A. Carpentry | E. Heating, Ventilation & Air Conditioning |
| B. Business Computers | F. Management Information Systems |
| C. Electrical Maintenance | G. Office Automation |
| D. Entrepreneurship | H. Office Technology |

One Year Certificates are also offered in all A.A.S. degrees, upon successful completion of the first year's course syllabus. These certificates are often valuable in helping students obtain summer employment or entry into the various building trades apprenticeship programs.



**APPLIED SCIENCE AND TECHNOLOGY DEPARTMENT
BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION**

		where		
		taken	date	grade
1. CORE (34 credits)				
CoSu 103*	College Success	3	_____	_____
Engl 103*	Freshman English I	3	_____	_____
Engl 113*	Freshman English II	3	_____	_____
SpCm 103	Speech Communication	3	_____	_____
Math 134*	Intermediate Algebra	4	_____	_____
CSc 113*	Applied Information Processing	3	_____	_____
Psy 103*	General Psychology	3	_____	_____
	Humanities Elective	3	_____	_____
	Literature Elective	3	_____	_____
	Science Elective	3	_____	_____
Econ 203*	Principles of Micro-economics (Social Science)	3	_____	_____
2. LAKOTA STUDIES (15 credits)				
Lak 103	Lakota Language I	3	_____	_____
Lak 233*	Lakota Language II	3	_____	_____
LSoc 103	Lakota Culture	3	_____	_____
	Lakota Studies Elective	3	_____	_____
	Lakota Studies Elective	3	_____	_____
3. BUSINESS CORE REQUIREMENTS (40 credits)				
BMath 153*	Business Math	3	_____	_____
BAd 133	Introduction to Business	3	_____	_____
Acct 203*	Principles of Accounting I	3	_____	_____
Acct 213*	Principles of Accounting II	3	_____	_____
Econ 213*	Principles of Macro-economics	3	_____	_____
Math 314*	Applied Statistics	4	_____	_____
BAd 243*	Business Law	3	_____	_____
BAd 253*	Principles of Management	3	_____	_____
CSc 263*	Computer Information Systems	3	_____	_____
BAd 323*	Principles of Marketing I	3	_____	_____
BAd 333*	Business Letter & Report Writing	3	_____	_____
BAd 343*	Business Analysis Using Spreadsheets	3	_____	_____
BAd 363*	Business Finance I	3	_____	_____

4. PROFESSIONAL REQUIREMENTS (33 credits)

OPTION A - Specialization in MANAGEMENT

Acct 233*	Payroll Accounting	3 _____
Acct 333*	Tax Procedures	3 _____
BAd 303*	Human Resource Management	3 _____
BAd 313*	Organizational Theory & Behavior	3 _____
BAd 383*	Principles of Marketing II	3 _____
BAd 423*	Organizing & Financing Small Business	3 _____
BAd 433*	Business Finance II	3 _____
BAd 443*	Problems in Business	3 _____
BAd 453*	Seminar in Strategic Management	3 _____
BAd 483*	Business, Ethics & Social Responsibility	3 _____
BAd 493*	Field Experience in Business	3 _____

OR

OPTION B - Specialization in ACCOUNTING

Acct 223*	Integrated Computerized Accounting	3 _____
Acct 233*	Payroll Accounting	3 _____
Acct 253*	Accounting Information Systems	3 _____
Acct 303*	Intermediate Accounting I	3 _____
Acct 313*	Intermediate Accounting II	3 _____
Acct 333*	Tax Procedures	3 _____
Acct 343*	Fund Accounting	3 _____
Acct 453*	Auditing	3 _____
BAd 433*	Business Finance II	3 _____
BAd 453*	Seminar in Strategic Management	3 _____
Acct 493*	Field Experience in Accounting	3 _____

OR

OPTION C - Specialization in TRIBAL MANAGEMENT

Acct 233*	Payroll Accounting	3 _____
LPol 313*	Indian Law	3 _____
Econ 333*	Economic Issues on Reservations	3 _____
BAd 303*	Human Resource Management	3 _____
BAd 313*	Organizational Theory & Behavior	3 _____
BAd 373*	Grants Proposal Writing & Management	3 _____
BAd 453*	Seminar in Strategic Management	3 _____
BAd 463*	Tribal Planning & Administration	3 _____
BAd 473*	Advanced Seminar in Tribal Management	3 _____
BAd 483*	Business, Ethics & Social Responsibility	3 _____

BAd 493* Field Experience in Business 3 _____

5. GENERALELECTIVES (12 credits)

100-level or Non-Business _____ 3 _____

100-level or Non-Business _____ 3 _____

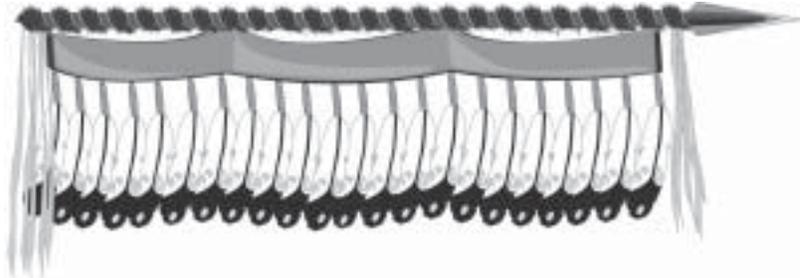
200-level or Business Area _____ 3 _____

200-level or Business Area _____ 3 _____

Total: 134 credits



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**APPLIED SCIENCE AND TECHNOLOGY DEPARTMENT
BACHELOR OF SCIENCE IN BUSINESS EDUCATION**

		where		
		taken	date	grade
1. CORE REQUIREMENTS (34 credits)				
CoSu 103	College Success	3	_____	_____
Engl 103*	Freshman English I	3	_____	_____
Engl 113*	Freshman English II	3	_____	_____
SpCm 103	Speech Communications	3	_____	_____
Math 134*	Intermediate Algebra or Above	4	_____	_____
CSc 113*	Applied Information Processing	3	_____	_____
Psy 103	General Psychology	3	_____	_____
	Humanities Elective	3	_____	_____
	Literature Elective	3	_____	_____
	Science Elective	3	_____	_____
Econ 203*	Principles of Microeconomics (Social Science)	3	_____	_____
2. LAKOTA STUDIES (15 credits)				
Lak 103	Lakota Language I	3	_____	_____
Lak 233*	Lakota Language II	3	_____	_____
LSoc 103*	Lakota Culture	3	_____	_____
Ed 203*	Indian Studies for Education	3	_____	_____
	Lakota Studies Elective	3	_____	_____
3. PROFESSIONAL CORE REQUIREMENTS (51 credits)				
OEd 113*	Intermediate Keyboarding	3	_____	_____
BMath 153*	Business Math	3	_____	_____
BAd 133	Introduction to Business	3	_____	_____
OEd 133	Records Management	3	_____	_____
OEd 223*	Advanced Keyboarding	3	_____	_____
Acct 203*	Principles of Accounting I	3	_____	_____
BAd 243	Business Law	3	_____	_____
Acct 213*	Principles of Accounting II	3	_____	_____
Econ 213	Principles of Macroeconomics	3	_____	_____
OEd 233*	Office Procedures	3	_____	_____
OEd 243*	Office Management, Security & Safety	3	_____	_____
OEd 253*	Wordprocessing II	3	_____	_____
OEd 253*	Principles of Management	3	_____	_____
BAd 323*	Principles Marketing I	3	_____	_____
BAd 333*	Business Letter & Report Writing	3	_____	_____
BAd 343*	Business Analysis Using Spreadsheets	3	_____	_____

BEd 363*	Organ. & Teaching Business Subjects	3 _____
4. PROFESSIONAL METHODS REQUIREMENTS (24 credits)		
Psy 213*	Developmental Psychology	3 _____
Ed 313*	Educational Psychology	3 _____
SpEd 313*	Psychology of Exceptional Children	3 _____
ScEd416*	Student Teaching & Practicum in Second. Schools	6 _____
ScEd443*	Reading in the Content Areas	3 _____
ScEd453*	Methods & Media for Second. School Tchrs.	3 _____
Ed 463*	Human Relations for Education Majors	3 _____
5. GENERALELECTIVES(9 credits)		
100-level or	Non-Business _____	3 _____
100-level or	Business Area _____	3 _____
200-level or	Business Area _____	3 _____

Academic proficiency at a grade point average of 2.6 or above in the academic major, is required.

Total: 133 credits



APPLIED SCIENCE AND TECHNOLOGY DEPARTMENT

BACHELOR OF SCIENCE IN ACCOUNTING

	where taken	date	grade
1. CORE (34 credits)			
CoSu 103* College Success	3	_____	_____
Engl 103* Freshman English I	3	_____	_____
Engl 113* Freshman English II	3	_____	_____
SpCm 103 Speech Communication	3	_____	_____
Math 134* Intermediate Algebra	3	_____	_____
CSc 113* Applied Information Processing	3	_____	_____
Psy 103* General Psychology	3	_____	_____
Humanities Elective	3	_____	_____
Literature Elective	3	_____	_____
Science Elective	3	_____	_____
Econ 203* Principles of Micro-economics (Soc. Sci.)	3	_____	_____
2. LAKOTA STUDIES (15 credits)			
Lak 103 Lakota Language I	3	_____	_____
Lak 233* Lakota Language II	3	_____	_____
LSoc 103 Lakota Culture	3	_____	_____
Lakota Studies Electives	3	_____	_____
Lakota Studies Electives	3	_____	_____
3. PRE-BUSINESS COURSES (15 credits)			
Acct 203* Principles of Accounting I	3	_____	_____
Acct 213* Principles of Accounting II	3	_____	_____
Acct 243* Principles of Accounting III	3	_____	_____
BAd 243* Business Law I	3	_____	_____
BAd 253* Principles of Management	3	_____	_____
4. BUSINESS CORE REQUIREMENTS (25 credits)			
OEd 153 Professional Development	3	_____	_____
Econ 213* Principles of Macro-economics	3	_____	_____
CSc 243* Data Base Management	3	_____	_____
BAd 363* Business Finance I	3	_____	_____
BAd 343* Business Analysis Using Spreadsheets	3	_____	_____
Math 314* Applied Statistics	3	_____	_____
BAd 483* Business Ethics & Soc. Responsibility	3	_____	_____
BMath 323* Quantitative Analysis	3	_____	_____

5. MANAGERIAL ACCOUNTING COURSES (CIA, CGA, CMA) (48 credits)

Acct 223*	Integrated Computerized Accounting	3 _____
Acct 233*	Payroll Accounting	3 _____
Acct 253*	AIS-Accounting Information Systems	3 _____
Acct 303*	Intermediate Accounting I	3 _____
Acct 313*	Intermediate Accounting II	3 _____
Acct 323*	Intermediate Accounting III	3 _____
Acct 373*	Cost Accounting I	3 _____
Acct 383*	Cost Accounting II	3 _____
Acct 333*	Tax Procedures I	3 _____
Acct 363*	Tax Procedures II	3 _____
Acct 343*	Fund Accounting I	3 _____
Acct 353*	Fund Accounting II	3 _____
Acct 423*	Advanced Accounting I	3 _____
Acct 433*	Advanced Accounting II	3 _____
Acct 483*	Advanced Accounting III	3 _____
Acct 453*	Auditing I	3 _____

Total: 138 credits

ADDITIONAL DEGREE AREA:

6. FINANCIAL ACCOUNTING COURSES (CPA) (27 credits)

(150 hours needed as per South Dakota State requirement)

Acct 443*	Advanced Cost Accounting I	3 _____
Acct 473*	Advanced Cost Accounting II	3 _____
Acct 463*	Auditing II	3 _____
CPA 403*	CPA Review I	3 _____
CPA 413*	CPA Review II	3 _____
CPA 423*	CPA Review III	3 _____
CPA 433*	CPA Law Review I	3 _____
CPA 443*	CPA Law Review II	3 _____
CPA 453*	CPA Law Review III	3 _____

Total: 164 credits



APPLIED SCIENCE AND TECHNOLOGY DEPARTMENT
ASSOCIATE OF ARTS IN ACCOUNTING
(Transfer Degree-Bachelor Science Business Admin.-Acctg./Bachelor Science-Acctg.)

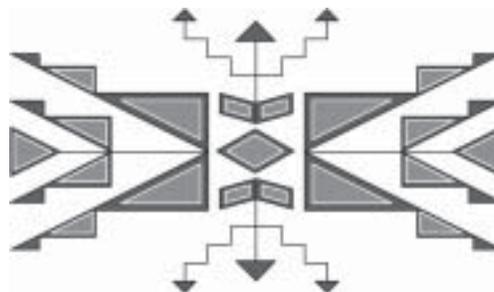
		where		
		taken	date	grade
1. CORE (27 credits)				
CoSu 103*	College Success	3	_____	_____
Engl 103*	Freshman English I	3	_____	_____
Engl 113*	Freshman English II	3	_____	_____
SpCm 103	Speech Communication	3	_____	_____
Math 103*	Elementary Algebra (or higher))	3	_____	_____
	Science course	3	_____	_____
	Humanities course	3	_____	_____
Econ 203*	Principles of Micro-economics (Soc. Sci.)	3	_____	_____
CSc 113*	Applied Information Processing	3	_____	_____
2. LAKOTA STUDIES (15 credits)				
Lak 103	Lakota Language I	3	_____	_____
LSoc 103*	Lakota Culture	3	_____	_____
	Lakota Studies Elective	3	_____	_____
	Lakota Studies Elective	3	_____	_____
	Lakota Studies Elective	3	_____	_____
3. PRE-BUSINESS OR BUSINESS CORE COURSES (15 credits)				
BMath 153*	Business Math	3	_____	_____
Acct 203*	Principles of Accounting I	3	_____	_____
Acct 213*	Principles of Accounting II	3	_____	_____
BAd 243	Business Law I	3	_____	_____
BAd 343*	Business Analysis Using Spreadsheets	3	_____	_____
4. MANAGERIAL ACCOUNTING OR ACCOUNTING SPECIALIZATION (12 credits)				
Acct 223*	Integrated Computerized Accounting	3	_____	_____
Acct 233*	Payroll Accounting	3	_____	_____
Acct 253*	AIS-Accounting Information Systems	3	_____	_____
Acct 333*	Tax Procedures	3	_____	_____
5. ACCOUNTING ELECTIVES (3 credits)				
Acct 293*	Accounting Internship	3	_____	_____
		Total: 72 credits		

**APPLIED SCIENCE AND TECHNOLOGY DEPARTMENT
ASSOCIATE OF ARTS IN GENERAL BUSINESS
(Transfer Degree)**

		where taken	date	grade
1. CORE (24 credits)				
CoSu 103*	College Success	3	_____	_____
Engl 103*	Freshman English I	3	_____	_____
Engl 113*	Freshman English II	3	_____	_____
SpCm 103	Speech Communication	3	_____	_____
Math 103*	Elementary Algebra (or higher)	3	_____	_____
Science course		3	_____	_____
Humanities course		3	_____	_____
Econ 203*	Principles of Micro-economics (Soc. Sci.)	3	_____	_____
2. LAKOTA STUDIES (15 credits)				
Lak 103	Lakota Language I	3	_____	_____
LSoc 103*	Lakota Culture	3	_____	_____
Lakota Studies Elective		3	_____	_____
Lakota Studies Elective		3	_____	_____
Lakota Studies Elective		3	_____	_____
3. GENERAL BUSINESS REQUIREMENTS (27 credits)				
CSc 113*	Applied Information Processing	3	_____	_____
BMath 153*	Business Math	3	_____	_____
BAd 133	Introduction to Business	3	_____	_____
Acct 203*	Principles of Accounting I	3	_____	_____
BAd 243*	Business Law	3	_____	_____
Acct 213*	Principles Accounting II	3	_____	_____
Econ 213*	Principles of Macreo-economics	3	_____	_____
Acct 233*	Payroll Accounting	3	_____	_____
CSc 263*	Computer Information Systems	3	_____	_____

Total: 66 credits

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**APPLIED SCIENCE AND TECHNOLOGY DEPARTMENT
ASSOCIATE OF ARTS IN TRIBAL MANAGEMENT
(Transfer Degree)**

		where taken	date	grade
1. CORE (24 credits)				
CoSu 103*	College Success	3	_____	_____
Engl 103*	Freshman English I	3	_____	_____
Engl 113*	Freshman English II	3	_____	_____
SpCm 103	Speech Communication	3	_____	_____
Math 103*	Elementary Algebra (or higher)	3	_____	_____
	Science course	3	_____	_____
	Humanities course	3	_____	_____
Econ 203*	Principles of Micro-economics (Soc. Sci.)	3	_____	_____
2. LAKOTA STUDIES (15 credits)				
Lak 103	Lakota Language I	3	_____	_____
Lak 233*	Lakota Language II	3	_____	_____
LSoc 103*	Lakota Culture	3	_____	_____
	Lakota Studies Elective (LPol 213 recommended)	3	_____	_____
	Lakota Studies Elective (LPol 223 recommended)	3	_____	_____
3. GENERAL BUSINESS REQUIREMENTS (27 credits)				
CSc 113*	Applied Information Processing	3	_____	_____
BMath 153*	Business Math	3	_____	_____
BAd 133	Introduction to Business	3	_____	_____
Acct 203*	Principles of Accounting I	3	_____	_____
BAd 243	Business Law	3	_____	_____
Acct 213*	Principles of Accounting II	3	_____	_____
Econ 213	Principles of Macro-economics	3	_____	_____
BAd 373*	Grants Proposal Writing & Management	3	_____	_____
LPol 313	Indian Law	3	_____	_____
		Total: 66 credits		



**APPLIED SCIENCE AND TECHNOLOGY DEPARTMENT
ASSOCIATE OF APPLIED SCIENCE IN BUSINESS COMPUTERS
(Vocational Degree)**

		where taken	date	grade
1. CORE (18 credits)				
CoSu 103*	College Success	3	_____	_____
Engl 103*	Freshman English I	3	_____	_____
Engl 113*	Freshman English II	3	_____	_____
SpCm 103	Speech Communication	3	_____	_____
Math 103*	Elementary Algebra (or higher)	3	_____	_____
Econ 203*	Principles of Micro-economics or Econ 113 Res. Econ.	3	_____	_____
2. LAKOTA STUDIES (6 credits)				
Lak 103	Lakota Language I	3	_____	_____
	Lakota Studies Elective	3	_____	_____
3. PROFESSIONAL REQUIREMENTS (30 credits)				
BMath 153*	Business Math	3	_____	_____
OEd 103	Keyboarding	3	_____	_____
OEd 123*	Word Processing I	3	_____	_____
CSc 113*	Applied Information Processing	3	_____	_____
CSc 123*	Introduction to Programming	3	_____	_____
CSc 243*	Data Base Management	3	_____	_____
MIS 153	Computer Operating Systems	3	_____	_____
CSc 253*	Spreadsheets Applications	3	_____	_____
CSc 263*	Computer Information Systems	3	_____	_____
CSc 293*	Internship in Computer Science	3	_____	_____
4. PROFESSIONAL ELECTIVES (6 credits)				
OEd 243*	Office Mgt., Security & Safety or			
Acct 203*	Principles of Accounting I or			
BAd 133	Introduction to Business or			
BAd 243	Business Law or	3	_____	_____
BAd 103	Principles of Management or	3	_____	_____
		Total: 60 credits		



**APPLIED SCIENCE AND TECHNOLOGY DEPARTMENT
ASSOCIATE OF APPLIED SCIENCE IN CARPENTRY
(Vocational Degree)**

		where taken	date	grade
1. CORE (15 credits)				
Engl 103*	Freshman English I	3	_____	_____
Math 113*	Elementary Algebra (or higher)	3	_____	_____
OEd 153	Professional Development	3	_____	_____
CSc 113	Applied Information Processing	3	_____	_____
	Social Science (Econ 203 Principles of Micro-economics)	3	_____	_____
2. LAKOTA STUDIES (6 credits)				
Lak 103	Lakota Language I (or higher)	3	_____	_____
LSoc 103	Lakota Culture or			
	Lakota Studies Elective (Econ 233 Reservation Economics)	3	_____	_____
3. PROFESSIONAL REQUIREMENTS (41 credits)				
Car 101	Occupational Safety & First Aid	1	_____	_____
Car 103	Carpentry Theory I	3	_____	_____
Car 113	Basic Drafting	3	_____	_____
Car 114	On-Site Construction I	4	_____	_____
Car 123*	Carpentry Theory II	3	_____	_____
Car 122	Construction Trade Math	2	_____	_____
Car 124*	On-Site Construction II	4	_____	_____
Car 212	Overview of Subcontractors	2	_____	_____
Car 213	Residential Estimating	3	_____	_____
Car 214*	On-Site Construction III	4	_____	_____
Car 133	Blueprint Reading	3	_____	_____
Car 224*	On-Site Construction IV	4	_____	_____
Car 232	Light Commerical & Residential Building Codes	2	_____	_____
Car 223	Contracting	3	_____	_____

Total: 62 credits

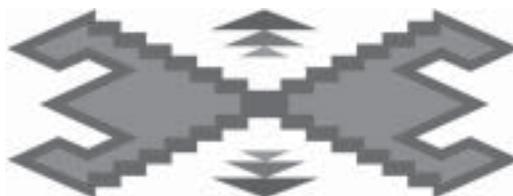
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**APPLIED SCIENCE AND TECHNOLOGY DEPARTMENT
ASSOCIATE OF APPLIED SCIENCE IN ENTREPRENEURSHIP
(Vocational Degree)**

		where taken	date	grade
1. CORE (18 credits)				
CoSu 103*	College Success	3	_____	_____
Engl 103*	Freshman English I	3	_____	_____
Engl 113*	Freshman English II	3	_____	_____
SpCm 103	Speech Communication	3	_____	_____
Math 103*	Elementary Algebra (or higher)	3	_____	_____
Econ 203*	Principles of Micro-economics (Soc. Sci.)	3	_____	_____
2. LAKOTA STUDIES (6 credits)				
Lak 103	Lakota Language I (or higher)	3	_____	_____
LSoc 103	Lakota Culture or LHist 203 Lakota History I	3	_____	_____
3. PROFESSIONAL REQUIREMENTS (27 credits)				
CSc 113*	Applied Information Processing	3	_____	_____
EMgmt 113*	Entrepreneurship Management I	3	_____	_____
EMgmt 213*	Entrepreneurship Management II	3	_____	_____
BMath 153*	Business Math	3	_____	_____
OTech 103	Office Technolog3	3	_____	_____
Econ 213*	Principles of Macro-economics	3	_____	_____
Acct 203*	Principles of Accounting I	3	_____	_____
EMgmt 123*	Entrepreneurship Experience I	3	_____	_____
EMgmt 223*	Entrepreneurship Experience II	3	_____	_____
4. PROFESSIONAL ELECTIVES (9 credits)				
OEd 133	Records Management or			
Psy 103*	General Psychology or			
BAd 243	Business Law or			
BAd 253*	Principles of Management or	3	_____	_____
BAd 393*	Marketing or	3	_____	_____
Acct 223*	Integrated Computerized Accounting or	3	_____	_____

Total: 60 credits



**APPLIED SCIENCE AND TECHNOLOGY DEPARTMENT
ASSOCIATE OF APPLIED SCIENCE IN OFFICE AUTOMATION**

		where		
		taken	date	grade
1. CORE (15 credits)				
OEd 163	Business Communications I	3	_____	_____
CSc 113*	Applied Information Processing	3	_____	_____
Math 103*	Elementary Algebra (or higher)	3	_____	_____
Econ 233*	Reservation Economics	3	_____	_____
OEd 153	Professional Development	3	_____	_____
2. LAKOTA STUDIES (6 credits)				
Lak 103	Lakota Language I	3	_____	_____
LSoc 103	Lakota Culture or LHist 203 Lak. History I	3	_____	_____
3. GENERAL BUSINESS REQUIREMENTS (36 credits)				
OEd 123*	Wordprocessing I	3	_____	_____
BMath 153	Business Math	3	_____	_____
OEd 133	Records Management	3	_____	_____
MIS 143*	Introduction to Spreadsheets	3	_____	_____
CSc 253	Spreadsheets Application	3	_____	_____
OEd 173*	Dictation/Transcription	3	_____	_____
OEd 233*	Office Procedures	3	_____	_____
MIS 193*	Fundamentals of Computer Publishing	3	_____	_____
Acct 203*	Principles of Accounting I	3	_____	_____
OEd 253*	Wordprocessing II	3	_____	_____
OEd 263*	Business Communication II	3	_____	_____
OEd 243*	Office Management, Security & Safety	3	_____	_____
MIS 243*	Data Based Applications & Design	3	_____	_____
4. INTERNSHIP (3 credits)				
OEd 293*	Office Automation Internship	3	_____	_____

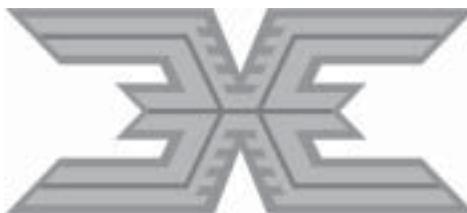
Total: 60 credits

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**APPLIED SCIENCE AND TECHNOLOGY DEPARTMENT
ASSOCIATE OF APPLIED SCIENCE IN ELECTRICAL CONSTRUCTION
(Vocational Degree)**

		where taken	date	grade
1. CORE (15 credits)				
Engl 103*	Freshman English I	3	_____	_____
Math 103*	Elementary Algebra (or higher)	3	_____	_____
OEd 153	Professional Development	3	_____	_____
CSc 113*	Applied Information Processing	3	_____	_____
	Social Science (Econ 203 Principles of Micro-economics)	3	_____	_____
2. LAKOTA STUDIES (6 credits)				
Lak 103	Lakota Language I	3	_____	_____
LSoc 103	Lakota Culture or			
	Lakota Studies Electives (Econ 233 Reservation Economics)	3	_____	_____
3. PROFESSIONAL REQUIREMENTS (39 credits)				
Elec 101	Occupational Safety & First Aid	1	_____	_____
Elec 103	Electrical Fundamentals	3	_____	_____
Elec 112	Power Distribution	2	_____	_____
Elec 113	Electrical Drawing	3	_____	_____
Elec 122	Motors	2	_____	_____
Elec 123*	Wiring Fundamentals I	3	_____	_____
Elec 133	Residential Blueprint Reading	3	_____	_____
Elec 142*	Wiring Lab I	2	_____	_____
Elec 152*	Wiring Lab II	2	_____	_____
Elec 162*	Wiring Lab III	2	_____	_____
Elec 172*	Wiring Lab IV	2	_____	_____
Elec 202	Basic Motor Control	2	_____	_____
Elec 212	Advanced Motor Control	2	_____	_____
Elec 213*	Wiring Fundamentals II	3	_____	_____
Elec 222	Electrical Maintenance	2	_____	_____
Elec 232	Electrical Heating & Appliances	2	_____	_____
Elec 233	Advanced Blueprint Reading & Estimating	3	_____	_____
Total: 60 credits				



**APPLIED SCIENCE AND TECHNOLOGY DEPARTMENT
ASSOCIATE OF APPLIED SCIENCE IN OFFICE TECHNOLOGY
(Vocational Degree)**

		where taken	date	grade
1. CORE (18 credits)				
CoSu 103*	College Success	3	_____	_____
Engl 103*	Freshman English I	3	_____	_____
Engl 113*	Freshman English II	3	_____	_____
SpCm 103	Speech Communication	3	_____	_____
Math 103*	Elementary Algebra (or higher)	3	_____	_____
	Social Science (Econ 203 Principles of Micro-economic recommended)	3	_____	_____
2. LAKOTA STUDIES (6 credits)				
Lak 103	Lakota Language I or higher	3	_____	_____
LSoc 103	Lakota Culture	3	_____	_____
3. PROFESSIONAL REQUIREMENTS (30 credits)				
OEd 103	Keyboarding	3	_____	_____
CSc 113*	Applied Information Processing	3	_____	_____
OEd 123*	Word Processing I	3	_____	_____
OTech 103	Office Technology	3	_____	_____
OEd 133	Records Management	3	_____	_____
OEd 253*	Word Processing II (General) or			
OEd 273*	Word Processing II (Medical) or			
OEd 283*	Word Processing II (Legal)	3	_____	_____
OEd 243*	Office Mgt., Security & Safety	3	_____	_____
Acct 203*	Principles of Accounting I	3	_____	_____
OTech 113*	Professionalism I	3	_____	_____
OTech 213*	Professionalism II	3	_____	_____
4. PROFESSIONAL ELECTIVES (6 credits)				
BAd 333*	Business Letter & Report Writing	3	_____	_____
OEd 173*	Dictation/Transcription	3	_____	_____
CSc 253*	Spreadsheet Applications	3	_____	_____
BMath 153*	Business Math	3	_____	_____
Psy 103*	General Psychology	3	_____	_____
CSc 243*	Data Base Management	3	_____	_____
		Total: 60 credits		

**APPLIED SCIENCE AND TECHNOLOGY DEPARTMENT
ASSOCIATE OF APPLIED SCIENCE
HEATING, AIR CONDITIONING & VENTILATION
(Vocational Degree)**

		where taken	date	grade
1. CORE (18 credits)				
Engl 103*	Freshman English I	3	_____	_____
OEd 153	Professional Development	3	_____	_____
Math 103*	Elementary Algebra (or higher)	3	_____	_____
CSc 113*	Applied Information Processing	3	_____	_____
	Social Science (Econ 203 Principles of Micro-economics)	3	_____	_____
SpCm 103	Speech Communication	3	_____	_____
2. LAKOTA STUDIES (6 credits)				
Lak 103	Lakota Language I	3	_____	_____
LSoc 103	Lakota Culture or			
	Lakota Elective or Econ 233 Reservation Economics (recom.)	3	_____	_____
3. PROFESSIONAL REQUIREMENTS (33 credits)				
Elec 101	Occupational Safety & First Aid	1	_____	_____
HV 113	Heating Fundamentals	3	_____	_____
HV 123	Air Conditioning & Refrigeration Fundamentals	3	_____	_____
HV 133	Heating & Refrigeration Theory	3	_____	_____
HV 142	HV Controls & Heat Pumps	2	_____	_____
HV 153*	Section 609 Recovery, Recycling of Refregerants Fundamentals/Certification Exam	3	_____	_____
HV 163*	Section 608 Type I Technician Fund./Cert. Exam	3	_____	_____
HV 202	Commerical Refrigeration	2	_____	_____
HV 213	Domestic Heating & Cooling	3	_____	_____
HV 222	Basic Soldering/Brazing Fundamentals Lab	2	_____	_____
HV 232	Commerical Air Conditioning	2	_____	_____
HV 262*	Section 608 Core Technician Fund./Cert. Exam	2	_____	_____
HV 272*	Section 608 Type II Technician Fund./Cert. Exam	2	_____	_____
HV 282*	Section 608 Type III Technician Fund./Cert. Exam	2	_____	_____
		Total: 57 credits		

**APPLIED SCIENCE AND TECHNOLOGY DEPARTMENT
ASSOCIATE OF APPLIED SCIENCE IN MANAGEMENT INFORMATION SYSTEMS**

		where		
		taken	date	grade
1. CORE (15 credits)				
OEd 163	Business Communications I	3	_____	_____
CSc 113*	Applied Information Processing	3	_____	_____
Math 103*	Elementary Algebra (or higher)	3	_____	_____
Econ 233*	Reservation Economics	3	_____	_____
OEd 153	Professional Development	3	_____	_____
2. LAKOTA STUDIES (6 credits)				
Lak 103	Lakota Language I	3	_____	_____
LSoc 103	Lakota Culture or LHist 203 Lak. History I	3	_____	_____
3. GENERAL BUSINESS REQUIREMENTS (36 credits)				
MIS 133*	Basics of Computer Technology	3	_____	_____
CSc 123*	Visual Basic Programming I	3	_____	_____
IT 243*	Introduction to Networks	3	_____	_____
MIS 153*	Computer Operating Systems	3	_____	_____
SDI 113*	Technical Writing	3	_____	_____
MIS 203*	C++ Programming	3	_____	_____
MIS 213*	Concepts of Database Management	3	_____	_____
MIS 233*	Database Development & Design I	3	_____	_____
MIS 253*	Database Development & Design II	3	_____	_____
MIS 263*	Systems of Information Management	3	_____	_____
MIS 273*	Structured Query Language (SQL)	3	_____	_____
MIS 283*	Communications Technology	3	_____	_____
4. INTERNSHIP (3 credits)				
MIS 293*	Seminar in MIS	3	_____	_____

Total: 60 credits

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**APPLIED SCIENCE AND TECHNOLOGY DEPARTMENT
ONE YEAR CERTIFICATE IN BUSINESS ACCOUNTING**

		where taken	date	grade
1. CORE (9 credits)				
CoSu 103*	College Success	3	_____	_____
Engl 103*	Freshman English I	3	_____	_____
Math 103*	Elementary Algebra (or higher)	3	_____	_____
2. LAKOTA STUDIES (6 credits)				
Lak 103	Lakota Language I (or higher)	3	_____	_____
LSoc 103	Lakota Culture	3	_____	_____
3. PROFESSIONAL REQUIREMENTS (12 credits)				
CSc 113*	Applied Information Processing	3	_____	_____
Acct 203*	Principles of Accounting I	3	_____	_____
Acct 213*	Principles of Accounting II	3	_____	_____
BAd 103	Principles of Management	3	_____	_____
4. PROFESSIONAL ELECTIVES (3 credits)				
BAd 243	Business Law	3	_____	_____
BMath 153*	Business Math	3	_____	_____
CSc 253*	Spreadsheets Applications	3	_____	_____
Acct 233*	Payroll Accounting	3	_____	_____
Acct 223*	Integrated Computerized Accounting	3	_____	_____
OEd 243*	Office Management, Safety, & Security	3	_____	_____
Acct 333*	Tax Procedures	3	_____	_____
MIS 153*	Computer Operating Systems	3	_____	_____

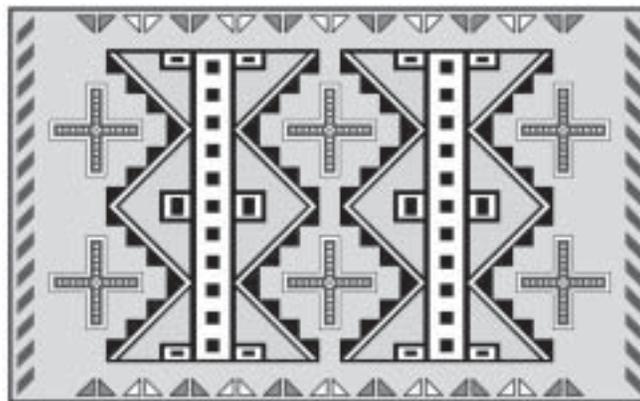
Total: 30 credits

**APPLIED SCIENCE AND TECHNOLOGY DEPARTMENT
ONE YEAR CERTIFICATE IN HEATING, AIR CONDITIONING & VENTILATION**

		where taken	date	grade
1. CORE (6 credits)				
Engl 103*	Freshman English I	3	_____	_____
Math 103*	Elementary Algebra (or higher)	3	_____	_____
2. LAKOTA STUDIES (6 credits)				
Lak 103	Lakota Language I	3	_____	_____
LSoc 103	Lakota Culture	3	_____	_____
3. PROFESSIONAL REQUIREMENTS (20 credits)				
Elec 101	Occupational Safety & First Aid	1	_____	_____
Elec 103	Electrical Fundamentals	3	_____	_____
HV 102	Sheet Metal Technology & Blueprint Reading	2	_____	_____
HV 112	Heating Fundamentals	2	_____	_____
HV 122	Sheet Metal Lab I	2	_____	_____
HV 123	Air Conditioning & Refrigeration Fundamentals	3	_____	_____
HV 133	Heating & Refrigeration Theory	3	_____	_____
HV 142	HV Controls & Heat Pumps	2	_____	_____
HV 152	Air Conditioning, Heating & Refrigeration Lab II	2	_____	_____

**APPLIED SCIENCE AND TECHNOLOGY DEPARTMENT
ONE YEAR CERTIFICATE IN BUSINESS COMPUTERS
(Vocational Degree)**

		where taken	date	grade
1. CORE (9 credits)				
CoSu 103*	College Success	3	_____	_____
Engl 103*	Freshman English I	3	_____	_____
Math 103*	Elementary Algebra (or higher)	3	_____	_____
2. LAKOTA STUDIES (6 credits)				
Lak 103	Lakota Language I	3	_____	_____
LSoc 103	Lakota Culture	3	_____	_____
3. PROFESSIONAL REQUIREMENTS (12 credits)				
OEd 103	Keyboarding	3	_____	_____
CSc 113*	Applied Information Processing	3	_____	_____
OEd 123*	Word Processing I	3	_____	_____
CSc 123*	Introduction to Programming	3	_____	_____
4. PROFESSIONAL ELECTIVES (3 credits)				
BMath 153*	Business Math or			
BAd 243	Business Law or			
BAd 253*	Principles of Management or			
CSc 243*	Data Basic Management or			
CSc 253*	Spreadsheets Applications or			
CSc 263*	Computer Information Systems or			
MIS 153*	Computer Operating System or			
OEd 243*	Office Management, Safety, & Security or			
Acct 103*	Principles of Accounting I	3	_____	_____
		Total: 30 credits		



**APPLIED SCIENCE AND TECHNOLOGY DEPARTMENT
ONE YEAR CERTIFICATE IN CARPENTRY**

		where taken	date	grade
1. CORE (6 credits)				
Engl 103*	Freshman English I	3	_____	_____
Math 103*	Elementary Algebra (or higher)	3	_____	_____
2. LAKOTA STUDIES (6 credits)				
Lak 103	Lakota Language I	3	_____	_____
Lak. Elective	(Lakota Culture or History)	3	_____	_____
3. PROFESSIONAL REQUIREMENTS (23 credits)				
Car 101	Occupational Safety & First Aid	1	_____	_____
Car 103	Carpentry Theory I	3	_____	_____
Car 113	Basic Drafting	3	_____	_____
Car 114	On-Site Construction I	4	_____	_____
Car 123*	Carpentry Theory II	3	_____	_____
Car 122	Construction Trade Math	2	_____	_____
Car 124*	On-Site Construction II	4	_____	_____

**APPLIED SCIENCE AND TECHNOLOGY DEPARTMENT
ONE YEAR CERTIFICATE IN ELECTRICAL CONSTRUCTION**

		where taken	date	grade
1. CORE (6 credits)				
Engl 103*	Freshman English I	3	_____	_____
Math 103*	Elementary Algebra (or higher)	3	_____	_____
2. LAKOTA STUDIES (6 credits)				
Lak 103	Lakota Language I (or higher)	3	_____	_____
LSoc 103	Lakota Culture	3	_____	_____
3. PROFESSIONAL REQUIREMENTS (23 credits)				
Elec 101	Occupational Safety & First Aid	1	_____	_____
Elec 103	Electrical Fundamentals	3	_____	_____
Elec 112	Power Distribution	2	_____	_____
Elec 113	Electrical Drawing	3	_____	_____
Elec 122	Motors	2	_____	_____
Elec 123	Wiring Fundamentals I	3	_____	_____
Elec 133	Residential Blueprint Reading	3	_____	_____
Elec 142	Wiring Lab I	2	_____	_____
Elec 152	Wiring Lab II	2	_____	_____

**APPLIED SCIENCE AND TECHNOLOGY DEPARTMENT
ONE YEAR CERTIFICATE IN OFFICE TECHNOLOGY
(Vocational Degree)**

		where taken	date	grade
1. CORE (9 credits)				
CoSu 103*	College Success	3	_____	_____
Engl 103*	Freshman English I	3	_____	_____
Math 103*	Elementary Algebra (or higher)	3	_____	_____
2. LAKOTA STUDIES (6 credits)				
Lak 103	Lakota Language I	3	_____	_____
LSoc 103	Lakota Culture	3	_____	_____
3. PROFESSIONAL REQUIREMENTS (12 credits)				
OEd 103	Keyboarding	3	_____	_____
CSc 113*	Applied Information Processing	3	_____	_____
OTech 103	Office Technology	3	_____	_____
OTech 113*	Professionalism I	3	_____	_____
4. PROFESSIONAL ELECTIVES (3 credits)				
OEd 123*	Word Processing I or			
OEd 133	Records Management or			
OEd 253*	Word Processing II (General) or			
OEd 273*	Word Processing II (Medical) or			
OEd 283*	Word Processing II (Legal) or			
OEd 243*	Office Mgt., Security & Safety or			
Acct 203*	Principles of Accounting I or			
BAd 333*	Business Letter & Report Writing or			
OEd 173*	Dictation/Transcription or			
CSc 253*	Spreadsheets Applications or			
BMath 153*	Business Math or			
Psy 103*	General Psychology or			
CSc 243*	Data Base Management	3	_____	_____

Total: 30 credits

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**APPLIED SCIENCE AND TECHNOLOGY DEPARTMENT
ONE-YEAR CERTIFICATE IN OFFICE AUTOMATION**

		where taken	date	grade
1. CORE (9 credits)				
OEd 163	Business Communications I	3	_____	_____
Math 103*	Elementary Algebra (or higher)	3	_____	_____
CSc 113*	Applied Information Processing	3	_____	_____
2. LAKOTA STUDIES (6 credits)				
Lak 103	Lakota Language I	3	_____	_____
LSoc 103	Lakota Culture	3	_____	_____
3. BUSINESS REQUIREMENTS (15 credits)				
MIS 143*	Introduction to Spreadsheet	3	_____	_____
OEd 103*	Records Management	3	_____	_____
MIS 193*	Fundamentals of Computer Publishing	3	_____	_____
OEd 233*	Office Procedures	3	_____	_____
OEd 173*	Dictation/Transcription	3	_____	_____
		Total: 30 credits		

**APPLIED SCIENCE AND TECHNOLOGY DEPARTMENT
ONE-YEAR CERTIFICATE MANAGEMENT INFORMATION SYSTEMS**

		where taken	date	grade
1. CORE (9 credits)				
OEd 163	Business Communications I	3	_____	_____
Math 103*	Elementary Algebra (or higher)	3	_____	_____
CSc 113*	Applied Information Processing	3	_____	_____
2. LAKOTA STUDIES (6 credits)				
Lak 103	Lakota Language I	3	_____	_____
LSoc 103	Lakota Culture	3	_____	_____
3. BUSINESS REQUIREMENTS (15 credits)				
MIS 133*	Basic of Computer Technology	3	_____	_____
MIS 143*	Introduction to Spreadsheet	3	_____	_____
MIS 153*	Computer Operating System	3	_____	_____
CSc 123*	Visual Basic Programming I	3	_____	_____
BMath 153*	Business Math	3	_____	_____
		Total: 30 credits		

**APPLIED SCIENCE AND TECHNOLOGY DEPARTMENT
ONE YEAR CERTIFICATE IN ENTREPRENEURSHIP
(Vocational Degree)**

	where taken	date	grade
1. CORE (9 credits)			
CoSu 103* College Success	3	_____	_____
Engl 103* Freshman English I	3	_____	_____
Math 103* Elementary Algebra (or higher)	3	_____	_____
2. LAKOTA STUDIES (6 credits)			
Lak 103 Lakota Language I	3	_____	_____
LSoc 103 Lakota Culture	3	_____	_____
3. PROFESSIONAL REQUIREMENTS (12 credits)			
CSc 113* Applied Information Processing	3	_____	_____
EMgmt 113* Entrepreneurship Management I	3	_____	_____
EMgmt 123* Entrepreneurship Experience I	3	_____	_____
OTech 103 Office Technology	3	_____	_____
4. PROFESSIONAL ELECTIVES (3 credits)			
EMgmt 213* Entrepreneurship Management II			
CSc 253* Spreadsheets Applications			
BMath 153* Business Math			
Econ 213* Principles of Macro-economics			
Acct 203* Principles of Accounting I			
OEd 133* Records Management			
Psy 103* General Psychology			
BAd 323* Principles of Marketing I			
BAd 243* Business Law	3	_____	_____

TOTAL: 30 credits

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APPLIED SCIENCE & TECHNOLOGY COURSE DESCRIPTIONS

ACCOUNTING

ACCT 103 Basic Accounting

This course is for students who need work in basic accounting skills. Emphasis will be placed on the accounting cycle and double-entry accounting.

3 credits

ACCT 203 Principles of Accounting I

Prerequisite: ACCT 103 or high school accounting when applicable, Math 103

An introductory course in the accounting cycle, including accounting concepts and principles used to analyze and record transactions in a business environment. Transactions are focused on basic accounting systems, advanced accounting systems, cash and receivables.

3 credits

ACCT 213 Principles of Accounting II

Prerequisite: ACCT 203

A continuation of Accounting 203 that examines accounting principles and concepts applicable to inventories, fixed assets, liabilities, and corporate organization, bonds payable, statements of cash flow, and financial statement analysis.

3 credits

ACCT 223 Integrated Computerized Accounting

Prerequisites: ACCT 203, CSC 113

An accounting course in a computerized application environment focusing on charting of accounts, balance sheets, profit and loss statements, accounts receivable, accounts payable, payroll, and integration of each module.

3 credits

ACCT 233 Payroll Accounting

Prerequisite: ACCT 203

A study of the various state and federal laws pertaining to payment of wages and salaries, preparation of employment records, payroll registers, employee earning records, time cards, and state and federal reporting requirements.

3 credits

ACCT 243 Principles of Accounting III

Prerequisite: ACCT 213

A continuation of Accounting 213 that examines manufacturing companies, job order cost, process cost, budgeting, performance evaluation, differential analysis, and capital investment analysis.

3 credits

ACCT 253 AIS-Accounting Information Systems

Prerequisite: ACCT 223

An accounting course that provides experience with computer based application software programs.

3 credits

ACCT 293 Internship in Accounting

Prerequisite: Sophomore standing

The student is afforded opportunity to gain practical on-the-job experience within the area of accounting. The student will be supervised by the instructor and the employer.

3 credits

ACCT 303 Intermediate Accounting I

Prerequisite: ACCT 213

A more in depth study of accounting concepts and principles with emphasis on accounting for income statement and statement of cash flows, income measurement, balance sheet, and value of money.

3 credits

ACCT 313 Intermediate Accounting II

Prerequisite: ACCT 303

A continuation of Accounting 303 with an in depth study of cash, inventory, operational assets and investments.

3 credits

ACCT 323 Intermediate Accounting III

Prerequisite: ACCT 313

A continuation of Intermediate Accounting II covering such topics as current liabilities and contingencies, bonds and long-term notes payable, leases, income taxes, employee benefits, and stockholders equity.

3 credits

ACCT 373 Cost Accounting I

Prerequisite: ACCT 243

This course will cover principles related to accounting for materials, labor, factory overhead, and job order cost.

3 credits

ACCT 383 Cost Accounting II

Prerequisite: ACCT 373

A continuation of Accounting 373, which covers process cost, standard cost and cost analyses.

3 credits

ACCT 443 Advanced Cost Accounting I

Prerequisite: ACCT 383

A further study of cost accounting that covers cost behaviors, standard cost, and variance.

3 credits

ACCT 473 Advanced Cost Accounting II

Prerequisite: ACCT 443

A continuation of ACCT 443, which completes this study of standard costs, budgeting, and variance.

3 credits

ACCT 333 Tax Procedures I

Prerequisite: ACCT 213

A course which includes explanation and interpretation of the Internal Revenue Code in preparation and filing of federal income tax returns for individuals.

3 credits

ACCT 343 Fund Accounting I

Prerequisite: ACCT 243

This course will cover basic concepts in accounting and reporting for non-for-profit and governmental organizations: general fund, special revenue funds, capital projects fund, debt service fund, and permanent funds.

3 credits

ACCT 353 Fund Accounting II

Prerequisite: ACCT 343

A continuation of Fund Accounting 343 with a study of proprietary funds, fiduciary funds, fixed assets, long-term debt, non-profit accounting, college and university accounting, hospital accounting, and auditing and tax issues.

3 credits

ACCT 363 Tax Procedures II

Prerequisite: ACCT 333

A study of the Internal Revenue Code on partnerships, corporations, gifts, and estate taxes.

3 credits

ACCT 423 Advanced Accounting I

Prerequisite: ACCT 323

A study of the preparation of consolidated financial statements and special problems.

3 credits

ACCT 433 Advanced Accounting II

Prerequisite: ACCT 423

A continuation of ACCT 423 with a study of a variety of accounting topics on foreign currency translation, segment and interim reporting.

3 credits

ACCT 483 Advanced Accounting III

Prerequisite: ACCT 433

A continuation of ACCT 433 focusing on a study of estates, trusts, and partnerships.

3 credits

ACCT 453 Auditing I

Prerequisite: ACCT 323

A study of audit procedures including professional standards, professional ethics, legal liability, audit evidence, planning the audit, and internal control.

3 credits

ACCT 463 Auditing II

Prerequisite: ACCT 453

A continuation of Auditing 453 which includes a study of cash and investments, receivables, inventories and cost of goods sold, property, plant and equipment, payables, debt and equity, completing the audit, and the auditor's report.

3 credits

CPA 403 CPA Review I

Prerequisite: ACCT 463

This course prepares the student planning to take the Certified Public Accountants (CPA) exam with a primary focus on financial accounting and reporting for business entities.

3 credits

CPA 413 CPA Review II

Prerequisite: CPA 403

A continuation of CPA 403 that prepares the student in taxation and managerial accounting.

3 credits

CPA 423 CPA Review III

Prerequisite: CPA 413

A continuation of CPA 413 that prepares the student in governmental and not-for-profit organizations.

3 credits

CPA 433 Law Review I

Prerequisite: ACCT 463

A course designed to help the student in the CPA examination with a main focus on accountant's liability to third parties and federal statutes.

3 credits

CPA 443 CPA Law Review II

Prerequisite: CPA 433

A continuation of CPA 433 with a focus on work papers and confidentiality.

3 credits

CPA 453 CPA Law Review III

Prerequisite: CPA 443

A continuation of CPA 443 with an intense, rigorous review for the CPA examination.

3 credits

ACCT 493 Field Experience

Prerequisite: Senior standing

Intended for the student nearing completion of degree goal. This course involves a more intense participation and greater responsibility in the area of accounting.

3 credits

BUSINESS ADMINISTRATION

BAd 133 Introduction to Business (formerly: BAd 233 - Contemporary Business)

Prerequisite: None

This course provides a broad overview of the whole field of business today. Serving both as an appropriate introduction to the discipline for potential majors, and providing a basic understanding of business terminology, concepts, issues, functional sub-disciplines and career opportunities for interested non-majors.

3 credits

BAd 243 Business Law

Prerequisite: CS 103

An introductory course of the principles of law as they apply to citizens and businesses. The course will include an understanding of the court system at the local, state and national level. Students will gain an understanding of contract law, their rights and responsibilities as citizens, utilization of financial transaction, employment and agency relationships and the understanding of the regulations governing different types of business organizations.

3 credits

BAd 253 Principles of Management (formerly: BAd 103)

Prerequisite: BAd 133

This course provides an in-depth exposure to the practice of management in modern business. Topics include: the management functions of planning, decision-making, organizing & staffing, communicating, motivating & leading, and evaluating & controlling; the various styles and characteristics of successful managers; and management challenges facing today's firms.

3 credits

BAd 290 Sophomore Special Topics In Business

Prerequisite: Department Chair & Instructor approval

Studies in various special business topics at the sophomore level, courses are offered as student and/or community interest indicates and appropriate instructors are available. Course content may change from semester to semester; thus the class may be taken more than one time, when different topics are offered. Course credit offered may vary, depending upon the particular subject matter and content. credit ñ variable.

BAd 293 Sophomore Internship

Supervised field experience working with a tribal organization in the area of management. Prerequisite: Degree Candidate Status with Department Chair Approval (This course applies only for the Associate of Applied Science degrees, or for use as an elective with other degrees.)

3 credits

BAd 303 Human Resource Management

Prerequisites: BAd 133 & 253

This course covers the principles and techniques of human resource management including legislation affecting employers today. It also covers the human resource functions of procurement, organization, development, compensation, integration, management and separation.

3 credits

BAd 313 Organizational Theory & Behavior

Prerequisite: BAd 303

This course is a behavior approach to management with emphasis on the understanding, prediction, and control of human behavior in the organization setting. Topics include individual behavior, interpersonal and group behavior, environmental adaptation and organizational effectiveness.

3 credits

BAd 323 Principle of Marketing I (formerly: Marketing)

Prerequisites: Econ 203 & Math 314

An overview of the field of modern marketing, with detailed emphasis on: the marketing concept; strategic marketing ñ with environmental scanning and internal audits; social responsibility and ethics in marketing; marketing research & information systems; consumer behavior & organizational markets; products, the product life-cycle, product management, branding-packaging-labeling; the marketing of services & service quality.

3 credits

BAd 333 Business Letter & Report Writing

Prerequisite: Engl 113 (or higher)

This course covers modern practices in the preparing, planning, writing and dictating all types of business letters and reports that are commonly required in business operations.

3 Credits

BAd 343 Business Analysis Using Spreadsheets

Prerequisites: CSc 113, Math 134 & 314

Intensive study of spreadsheet software and its usage to aid in sound business decisions. Students will analyze business data, create business statements, project income and cash flows, and test business scenarios.

3 credits

BAd 353 Retailing Management (new course)

Prerequisites: BAd 253 & 323

This course focuses on the issues in each of the business disciplines as they apply to the retail industry, with emphasis on the management and marketing aspects. The special topics relevant to retailing - an area in which most new businesses are started and which creates most new jobs in the economy - will be discussed from the owner/manager's perspective.

3 credits

BAd 363 Business Finance I

Prerequisites: Acct 213 & Math 134

This course provides an introduction to business finance with an emphasis on the use of information from the three basic financial statements to do ratio analysis, financial forecasting, and calculate the degree of business leverage. In addition, working capital & cash management, short-term financing, the time value of money concept, the cost of capital, and various valuation methods are discussed.

3 credits

BAd 373 Grants Proposal Writing & Management (Formerly: Grants/Contracts Management)

Prerequisites: Acct 203, Engl 113

This course provides hands-on instruction in developing a team to address a need, write a comprehensive Grant request proposal, and find appropriate sources of funding. Student teams will actually research, write and present a complete mock-Grant Proposal as the culminating class exercise.

3 credits

BAd 383 Principles of Marketing II (new course)

Prerequisite: BAd 323

This is a continuation of Marketing I, covering the topics of: marketing channels - distribution, logistics, supply-chain management, wholesaling, retailing & distribution-chain management; advertising & public relations; sales promotion & personal selling; price theory, marketing plan implementation & control; global markets & international marketing; e-commerce & marketing on the Internet.

3 credits

BAd 393 Managing for Quality & Customer Satisfaction (new course)

Prerequisites: BAd 253 & 303

This course stresses the importance of high quality performance in creating customer satisfaction and competitive advantage for the firm; whether it provides a good or service. It focuses on Total Quality Management (TQM) - the most widely accepted quality approach in business, government and not-for-profit organizations. Topics include: a review of the major quality theories and schools; the ISO 9000 International Quality System; and employee involvement & empowerment.

3 credits

BAd 423 Organizing & Operating a Small Business (combines former BAd 413 & 423)

Prerequisites: BAd 253 & 323

This course identifies the key issues and requirements involved in the start-up, financing and operation of a small for-profit business. Coursework culminates in the writing and presentation of a mock-Business Plan, detailing a fictional firm of the student's choice that is suitable for soliciting financing.

3 credits

BAd 433 Business Finance II

Prerequisites: BAd 343 & 363

This course continues with an in-depth discussion of topics introduced in Finance I, as well as addressing: capital budgeting, risk involved in various forms of financing, maintaining a balanced capital structure, long-term financing with equity and debt, the issues involved with various financial instruments, international finance, and the financial implications of mergers & acquisitions.

3 credits

BAd 443 Problems in Business

Prerequisites: Senior Standing, Department Chair & Instructor approval

Important issues and problems in business today are reviewed during the first-half of the semester, students then proceed to guided independent research in an area of personal interest to them, culminating in the writing and presentation of a significant Research Paper on the selected business issue.

3 credits

BAd 453 Seminar in Strategic Management (Formerly: Seminar in Bus. Strategic Mgmt.)

Prerequisites: Degree Candidate status & Department Chair approval

This is the capstone course for graduating seniors in Business Administration, studying the role of top managers in developing and implementing an organization's strategies. Extensive student participation and presentations occur in the seminar format, with the case study method used to analyze strategic theory and actual business applications.

3 credits

BAd 463 Tribal Planning & Administration

Prerequisite: BAd 313

This is an applied course in the principles of management and personnel supervision, as they relate to Tribal programs. Emphasis is on: understanding and solving personnel problems, writing program objectives, defining activities to be done, effective planning, the direction & evaluation of a Tribal program, managing budgets, and studying the interrelationship between various programs and Tribal governments.

3 credits

BAd 473 Advanced Seminar in Tribal Management

Prerequisite: BAd 313

This is an applied course in Tribal Management utilizing the knowledge of many tribal leaders and top managers, who have experience in Tribal organizations, issues and management.

3 credits

BAd 483 Business, Ethics & Social Responsibility (Formerly: BAd 403 Business and Society)

Prerequisites: Econ 213 & BAd 253

This is a study of ethics and social responsibility as they relate to issues, conflicts, decision-making, and program development in business today. The impact of business activities on: stockholders, employees, communities, the environment, and society in general is discussed in detail.

3 credits

BAd 490 Senior Special topics in Business

Prerequisite: Department Chair & Instructor approval

Studies in various special business topics at the senior level, courses are offered as student and/or community interest indicates and appropriate instructors are available. Course content may change from semester to semester; thus the class may be taken more than one time, when different topics are offered. Course credit offered may vary, depending upon the particular subject matter and content. credit ñ variable.

BAd 493 Field Experience

Prerequisites: B.S. Degree Candidate status and Department Chair approval

Students observe and experience actual business operations in a variety of functional areas, while completing a hands-on administrative/low-level managerial internship at a local business or organization of their choosing (subject to Academic Advisor approval). Students must maintain a weekly log of activities undertaken, write a Journal describing their experiences and learning, and do a self-evaluation.

3 credits

BUSINESS EDUCATION

BEd 363 Organization and Teaching Business Subjects.

Prerequisite: OEd 113 or 123, and OEd 133,

Organization and administration of a high school business education department and further teaching methods in business subjects. This is a terminal course for business teachers. (Students must meet Admission to Teacher Education requirements before enrolling in this class).

3 credit

BUSINESS MATH

BMath 113 Occupational Math

Prerequisite: None

This one-semester course helps students develop mathematical skills needed in the occupation that they are seeking. It provides a comprehensive coverage of the basic computational skills and their applications. The course is developed to meet not only the needs of the traditional post-secondary student, but also the needs of the mature student whose mathematical proficiency may have declined during years away from formal schooling.

3 credits

BMath 153 Business Math (formerly: BAd 253 Business Math/Machine Applications)

Prerequisite: Math 100-level (or higher) or BMath 113

This course provides practical applications of mathematics for business operation and decision-making support. Topics include: solving word problems; manipulating numbers, fractions, decimals and percentages; discounts and mark-ups; calculating interest and depreciation; and other math computations used in business, economics and finance.

3 credits

BMath 323 Quantitative Analysis

Prerequisite: Math 314

This course reviews the quantitative mathematical tools used in accounting/business analysis, such as linear programming. Topics discussed include: expected monetary value, inventory control problems, and queuing theory.

3 credits

ECONOMICS

Econ 203 Principles of Micro-Economics

Prerequisite: BMath 153 or Math 100-level (or higher)

This course is designed to give students an understanding of basic economic concepts, such as: supply and demand, the operation of the price mechanism, substitute goods, economic trade-offs and opportunity cost, which affect the activities of businesses and consumers in a capitalist market economy. Emphasis is also given to the Mixed Economy, and how the student becomes part of it on, or off, the reservation.

3 credits

Econ 213 Principles of Macro-Economics

Prerequisite: BMath 153 or Math 100-level (or higher)

This course is designed to give students an introduction to the principles underlying economic processes, such as: the nature of the free enterprise system; income & consumptive spending; the money & banking systems; national output, income and the gross national product; monetary & fiscal policy; and unemployment & inflation as they relate to governmental decision-making and the national accounts.

3 credits

Econ 233 Reservation Economics

Prerequisite: None (this course is intended for A.A.S. degree, vocational students only)

This course is designed to give students a basic understanding of economic concepts affecting Indian reservation communities. It is organized to help the student acquire a practical working understanding of business organizations, business procedures and business management.

3 credit

Econ 333 Economic Issues on Reservations (new course)

Prerequisites: Econ 203 & 213

This course provides an understanding of the unique dynamics of Reservation Economies that affect the lives of Native Americans. Topics include: the economic impact of treaties and their changing interpretation by government; the effect of Federal Department, Agency and Program (such as: Agriculture, BIA, HUD, WIC and Economic Empowerment Zones) activities on reservation economies, job opportunities, citizen attitudes, etc. The roles of: education, Tribal government, the relevant State government, and other reservation-specific issues will be discussed.

3 credits

BUSINESS COMPUTER SCIENCE

CSc 093 Basic Fundamentals

Prerequisite: None

This is a non-technical course for students with little or no computer experience. There will be an emphasis on: DOS, Windows, word-processing and keyboarding enhancement.

3 credits

CSc 113 Applied Information Processing

Prerequisite: OEd 103 Beginning Keyboarding or Instructor-approved equivalent.

An applied course designed to meet the needs of today's college students across the disciplines. Topics include but not limited to: computer based training techniques and online testing, e-mail and attachments, online conferences, delimited web based research techniques, e-slides and web page presentation/publishing tools, report writing and documentation.

3 credits

CSc 123 Visual Basic Programming I

Prerequisite: CSc 113 Computer Concepts

A course in computer programming that will acquaint the student with the elements of a programming language. Students cover flowcharts, loops, strings and decision structures.

3 credits

CSc 243 Data Base Management

Prerequisite: CSc 113

This course prepares the student in how database are used in the business world. The topics covered include memory variables, report generation, tables, menus and command files.

3 credits

CSc 253 Spreadsheet Applications

Prerequisite: CSc 113

This course is an intensive study in the use and applications of spreadsheet software programs for microcomputers. Study of functions, work sheets, formulas, graphics, OLC and macros.

3 credits

CSc 263 Computer Information Systems

Prerequisite: CSc 113

This course focuses on the meaning and role of computers within a business, and offers a relationship between company goals and computers. The course analyses an organization's data processing composition as it applies to computer software applications and compares personal information systems and shared information systems.

3 credits

CSc 293 Internship in Computer Science

Prerequisite: Degree Candidate status & Department Chair approval The student is to work in a supervised location. The internship will provide the student with computer related job skills.

3 credits

CARPENTRY

CAR 101 Occupational Safety & First Aid

Prerequisite: None

A general orientation to safety rules and practices required in the construction trades. Included the safe use and storage of tools and materials and first aid practices helpful in case of accidents.

1 credit

CAR 103 Carpentry Theory I

Prerequisite: None

Course deals with the study of the various materials used in construction and proceeds into the study of foundation systems and materials, floor systems, wall systems and roof systems used in any type of residential construction. This is an in-depth study of construction of residences.

3 credits

CAR 113 Basic Drafting

Prerequisite: None

Students will gain experience in transferring abstract ideas to working drawings. Simple block drawing exercises will advance to residential home, multi-plan drawings.

3 credits

CAR 114 On-Site Construction I

Prerequisite: None

Students will travel to an actual building site for construction of a residential home. Technical information is combined with practical applications in the areas of wood framing, doors, windows, exterior wall finish, and stair construction.

4 credits

CAR 122 Construction Trade Math

Prerequisite: None

Trade math will demonstrate the applications of math principles to the construction industry in areas of actual building, estimating and drafting. Some of the principles addressed are surface areas, volumes, properties of spheres and circles, fractions and decimals, weights and measures. 2 credits

CAR 123 Carpentry Theory II

Prerequisite: CAR 103

Course will build upon previous classes with information to completely finish a residential home. Areas of study will include energy conservation, sound control, stairways, and complete exterior and interior finish methods. 3 credits

CAR 124 On-Site Construction II

Prerequisite: CAR 114

Continued construction of the residential home started with CAR 114. Emphasis will shift to interior finish work in the areas of drywall, painting, fine wood finish trim, and cabinet installation. Precise, practical application of material is stressed.

4 credits

CAR 133 Blueprint Reading

Prerequisite: None

Blueprint Reading will address the need to accurately interpret technical drawings and transform them into actual projects. Students will study the principles of architectural and structural details and measurements.

3 credits

CAR 212 Overview of Subcontractors

Prerequisite: None

This course is designed to review the basic skills necessary for carpenters working in the role of a subcontractor. A variety of concepts will be presented to further the student's exposure to subcontracted services within the construction industry.

2 credits

CAR 213 Residential Estimating

Prerequisite: None

Students will analyze the materials and labor involved in the construction of residential homes. Emphasis is on material totals and prices, accurately understanding the man-hours involved in application of those materials, and a firm understanding of the building process of construction.

3 credits

CAR 214 On-Site Construction III

Prerequisite: CAR 124

The main emphasis will be rough framing, roof finish, doors, windows, and exterior wall finish. Students will move into independent problem solving and research.

4 credits

CAR 223 Contracting

Prerequisite: None

All forms and procedures for independent ownership of a construction business will be addressed. Building codes that govern how a home is constructed are discussed. The importance of solar technology, understanding of how to build for maximum and minimum solar effect, will be a part of this course.

3 credits

CAR 224 On-Site Construction IV

Prerequisite: CAR 214

This is the capstone of the on-site construction. Each student will help direct the completion of the home/building under construction. Independent student problem solving, research, and techniques are shared with new students. Drywall, painting, interior doors, finish trim, and cabinet installation will complete the course.

4 credits

CAR 232 Light Commercial & Residential Building Codes

Prerequisite: None

This course will cover codes of commercial and residential construction. Materials and their applications will be addressed.

2 credits

ELECTRICAL

Elec 101 Occupational Safety

Prerequisite: None

This course acquaints the student with the hazards of electrical installation and prescribes the practices and precautions used to minimize them.

1 credit

Elec 103 Electrical Fundamentals

Prerequisite: None

This course introduces the students to AC/DC electron theory, electron flow resistance, voltage, ohms law, magnetism, inductance, and capacitance.

3 credits

Elec 112 Power Distribution

Prerequisite: None

This course consists of the study of transformers, generators and power lines.

2 credits

Elec 113 Electrical Drawing

Prerequisite: None

This course deals with methods of mechanical drawing with applications to electrical floor plans vectors and sine waves.

3 credits

Elec 122 Motors

Prerequisite: Elec 103

This course introduces motors from a magnet spinning in a magnetic field to 3 phase adjustable speed types and the basic methods of wiring and controlling them.

2 credits

Elec 123 Wiring Fundamental I

Prerequisite: None

This is an introduction to basic wiring of switches, outlets, lights, and appliances in residential applications.

3 credits

Elec 133 Residential Blueprint Reading

Prerequisite: Elec 103

This course studies residential blue prints and the electrical code pertaining to them.

3 credits

Elec 142 Wiring Lab I

Prerequisite: Elec 101

This practical wiring course consists of projects, under the supervision of a licensed Electrical Contractor, that give the student hands-on experience in the use of hand tools, power tools, and ladders. This will be accomplished through out the electrical program at six hours per week. Occasional field trips are planned for this course.

2 credits

Elec 152 Wiring Lab II

Prerequisite: Elec 142

This course is a continuation of Wiring Lab I.

2 credits

Elec 162 Wiring Lab III

Prerequisites: Elec 152

This course is a continuation of Wiring Lab II.

2 credits

Elec 172 Wiring Lab IV

Prerequisites: Elec 162

This course is a continuation of Wiring Lab III.

2 credits

Elec 202 Basic Motor Control

Prerequisite: None This basic courses of motor control deals with motor connection overload protection, starters and speed control and sections of the electrical code specifications.

2 credits

Elec 212 Advanced Motor Control

Prerequisite: Elec 202

This course introduces basic motor controls and deals with more sophisticated controls and interconnection of motors programmed to function in an industrial application.

2 credits

Elec 213 Wiring Fundamentals II

Prerequisite: Elec 123

Studying the tools, methods, and materials used in conduit installation and the sections of the code pertaining to it.

3 credits

Elec 222 Electrical Maintenance

Prerequisite: None

The course investigates the problems of an electrical complex and the probabilities of failure and maintenance methods to prevent them.

2 credits

Elec 232 Electrical Heating and Appliances

Prerequisite: None

This course studies electrical heating and appliances. Topics include the installation & maintenance of appliances, common troubleshooting methods, and study of the relevant electrical codes.

2 credits

Elec 233 Advanced Blueprint Reading & Estimating

Prerequisite: Elec 133

This is a study of commercial blueprints, the cost of materials, labor, profit, and the management of an electrical project.

3 credits

ENTREPRENEURSHIP

EMgmt 113 Entrepreneurship Management I

Prerequisite: None

This is an introductory course exploring the entrepreneurship opportunities on and around the Pine Ridge Reservation area. The course will analyze business plans for entrepreneurship and assess the feasibility for implementation on the reservation. Local financial organizations will be given opportunities to explain their lending procedures and requirements (as Lakota Fund, Local banks, Farm Serviced Agency, etc.).

3 credits

EMgmt 123 Entrepreneurship Experience I

Prerequisite: EMgmt 113

Students will shadow local entrepreneur for ninety working hours to experience the types of management decisions required on owning your own business. A daily log will be required.

3 credits

EMgmt 213 Entrepreneurship Management II

Prerequisite: EMgmt 113

This is a continuation of Entrepreneurship Management from course EMgmt 113. Students will begin to write their own business plan for their deal entrepreneurship by following the guidelines presented by local financial organizations and their instructor. They will present their plans to a mock or real financial company for purpose of borrowing money to begin their entrepreneurship. A mock business will be set up by the class to look at hands on management of one of their entrepreneurship. 3 credits

EMgmt 223 Entrepreneurship Experience II

Prerequisite: EMgmt 123

Students will work with a local entrepreneur for ninety working hours performing the skills and duties required by the entrepreneur to operate their business. A daily log will be required.

3 credits

HEATING, AIR CONDITIONING & VENTILATION

HV 113 Heating Fundamentals

Prerequisite: None

Students learn basic theories and their applications to heating equipment. Maintenance procedures of gas, fuel and electric furnace will be studied.

3 credits

HV 123 Air Conditioning and Refrigeration Fundamentals

Prerequisite: None

Student will study the operation, maintenance, repair of the A/C - R equipment and components and their functions within a small appliance, high and very high pressure, and low-pressure appliances.

3 credits

HV 133 Heating & Refrigeration Theory

Prerequisite: None

This course is a continuation of HV 113. Students learn more detailed information about heating and refrigeration cycles. Also covered are controls, new refrigerant, recovery and recycling. Students will prepare for and take a refrigerant certification test.

3 credits

HV 142 HV Controls and Heat Pumps

Prerequisite: None

Students will learn about heat pump applications and theory. Controls covered included low voltage, temperature, low/high and oil.

2 credits

HV 153 Section 609, Recovery, Recycling of Refrigerants Fundamentals/Certification Exam

Prerequisites: HV 123, HV 133, HV 142

Students will learn the proper handling of Chlorofluorocarbons (CFC) and Hydro Chlorofluorocarbon (HCFC) and Hydro fluorocarbons (HFC) Refrigerants in the realm of recovery and recycling, in accordance with the Environmental Protection Agencies Section 609 of the Clean Air Act of 1990, as required by EPA Regulation 40 CFR Part 82, Subpart F.

3 credits

HV 163 Section 608, Type I Technician Fundamentals/Certification Exam

Prerequisite: HV 153

Students will learn how to perform maintenance upkeep, service and repair air conditioning, and refrigeration small appliances in accordance with Environmental Protection Agencies Section 608 of the Clean Air Act (CAA) of 1990, as required by EPA Regulation 40 CFR Part 82, Subpart (F). 3 credits

HV 202 Commercial Refrigeration

Prerequisite: None

Students will learn about heat pump applications and theory. Controls covered include low voltage, temperature, low/high and oil.

2 credits

HV 213 Domestic Heating and Cooling

Prerequisite: None

Students learn advanced heating theory as it applies to gas, fuel oil and electrical furnace systems and advanced theory of residential air conditioning systems. Maintenance, installation and troubleshooting of each type of systems are studied. Students will also learn to read and draw electrical schematics. 2 credits

HV 222 Basic Soldering & Brazing Fundamentals Lab

Prerequisite: None

Students will learn hands on, on how to braze and solder copper and aluminum tubing for leak repair on air conditioning/refrigeration. Refrigerant lines, heating fuel lines, perform compression checks to ensure proper combustion within the heating system; to include: proper refrigerant high and low pressure readings on air conditioning refrigeration system.

3 credits

HV 232 Commercial Air Conditioning

Prerequisite: None

Students learn total operation of large air conditioning systems used in commercial application. This includes controls, pressure devices and safety regulations.

2 credits

HV 262 Section 608 Core Technician Fundamentals/Certification Exam

Prerequisite: HV 153

Students will learn how to perform maintenance upkeep, service and repair low pressure appliances, and dispose of such appliances in accordance with Environmental Protection Agencies Section 608 of the Clean Air Act (CAA) of 1990, as required by EPA Regulation 40 CFR Part 82, Subpart (F).

2 credits

HV 272 Section 608, Type II Technician Fundamentals/Certification Exam

Prerequisite: HV 1533

Students will learn how to maintain maintenance upkeep, service, and repair high pressure or very high pressure to include motor vehicle air conditioner (MVAC). Like systems, and proper disposing of high pressure and very high-pressure, Motor Vehicle Air Conditioners Appliances and like systems. In accordance with the Environmental Protection Agencies Section 608 of Clean Air Act of 1990 as required by EPA Regulations 40 CFR Part 82, Subpart (F).

2 credits

HV 282 Section 608, Type III Technician Fundamentals/Certification Exam

Prerequisite: HV 153

Students will learn how to perform maintenance upkeep, service and repair low pressure appliances, and dispose of such appliances in accordance with Environmental Protection Agencies Section 608 of the Clean Air Act (CAA) of 1990, as required by EPA Regulation 40 CFR Part 82, Subpart (F).

2 credits

MANAGEMENT INFORMATION SYSTEMS

MIS 133 Basics of Computer Technology

Prerequisite: CSc 113

The course examines the essential components of a computer and their interaction. Emphasis will be on computer hardware and architecture and will include discussion of emerging technology.

3 credits

MIS 143 Introduction to Spreadsheets

Prerequisite: CSc 113

This is a continuation of the study of spreadsheets emphasizing the advanced features of functions, macros and business graphics.

3 credits

MIS 153 Computer Operating Systems

Prerequisite: CSc 113

A survey of the similarities and differences of popular operating systems. Topics include, but not limited to DOS, Windows and Linux.

3 credits

MIS 193 Fundamentals of Computer Publishing

Prerequisite: CSc 113

The fundamental design principles, procedures, techniques and application of computer publishing are emphasized. The course will use word processing, presentation graphics and/or electronic graphic design programs.

3 credits

MIS 203 C++ Programming

Prerequisite: CSc 113 Computer Concepts, Math 103 Applied Mathematics or higher

A course in computer programming that will acquaint the student with the concepts of problem solving and program development logic using programming tools. Topics include algorithms diagramming and documentation.

3 credits

MIS 213 Concepts of Database Management

Prerequisite: CSc 113 Computer Concepts

An introduction to Data Base Management Systems (DBMS). Topics include but not limited to: relational models, keys, functions, queries, reports and management of database systems.

3 credits

MIS 233 Database Development & Design I

Prerequisite: MIS 213 Concepts of Database Management

The first of two courses uses an applied approach to learning database management systems (DBMS). Topics include but not limited to: relational systems, client/server systems, objects, SQL programming and block forms.

3 credits

MIS 243 Data Based Applications and Design

Prerequisite: CSc 113

A continuation of the study of database emphasizing data base concepts, design and management techniques.

3 credits

MIS 253 Database Development & Design II

Prerequisite: MIS 233 Database Development & Design I

The second of two courses and continuation of Database Development & Design I uses an applied approach to learning database management systems (DBMS). Topics include but not limited to forms, custom forms, reports, graphics and integrated applications.

3 credits

MIS 263 Systems of Information Management

Prerequisite: CSc 113

This course emphasizes the information development cycle using a systems approach. Students will analyze current system documentation, data flows, input and output design and program specifications and implementation techniques. 3 credits

MIS 273 Structured Query Language (SQL)

Prerequisite: MIS 253 Database Development & Design II

Advanced concepts in database management systems (DBMS). Topics include but not limited to: single and multiple table queries, data updates, administration, reports and embedded queries.

3 credits

MIS 283 Communications Technology

Prerequisite: Degree candidate status

An analysis of distributive processing principles. Topics include but not limited to: telecommunications, teleprocessing, and networks, data communications, and voice/data integration.

3 credits

MIS 293 Seminar in MIS

Prerequisites: Degree Candidate status

A capstone course integrating the professional coursework into three timely case studies selected for their significance of impact on MIS. Topics may change with each new course offering.

3 credits

OFFICE AUTOMATION

OEd 093 The Basic Keyboard

Prerequisite: None

This course is designed for students who have no previous keyboarding experience. Students will learn the mechanics of basic keyboarding skills by hands-on exercises.

3 credits

OEd 103 Keyboarding

Prerequisite: OEd 093 or Test-out

A general education course designed for students to key the alphabetic and number keys by touch and to key with good accuracy and increasing speed. Students will also be formatting basic business documents such as memos, letters, simple reports and tables.

3 credits

OEd 113 Intermediate Keyboarding

Prerequisite: OEd 103, and Engl 103 or OEd 163

This course is a review of letters, tables, forms and further speed development. There is a requirement of 40 words-per-minute without error. 3 credits

OEd 123 Wordprocessing I

Prerequisites: OEd 093 or Test-out and CSc 113

This course provides opportunity for skill development in the electronic procedures of producing quality business documents. Word processing software (WordPerfect) is used to develop the competencies of creating, formatting, editing/revising and the printing of documents such as memos, letters, reports, tables, labels, envelopes, and etc. Competencies in the areas of composing and proofreading documents, and producing effective communication skills are the objectives of this course. 3 credits

OEd 133 Records Management

Prerequisite: None

This course will apply alphabetic, geographic, numeric and subject filing procedures according to the rules established by ARMA (American Records Management Association). Storage systems, file maintenance, records control, and electronic filing are included in this course. Records Management is a part of all offices nationwide. 3 credits

OEd 153 Professional Development

Prerequisite: None

This course is designed to provide students with professional job skills and professional job seeking skills. A Professional Portfolio will be compiled during this class. Items to be included but not limited to are: resume, transcript, graded school assignments, achievements/honors, volunteer work certificates or projects, scholarship letters, recommendation letters, and any other documents that will help the student become successfully employed. Parliamentary Procedures, Robert's Rules of Order, will also be studied.

3 credits

OEd 163 Business Communications I

Prerequisite: None

This course helps students develop communication, language arts, English skills in an applied setting. Students transfer improved reading, writing, listening, speaking, problem-solving, visual, and nonverbal skills to their occupations and personal lives. Composition of business memos, letters and other written communications will provide practical applications and training in proper sentence structure, current grammar usage and formatting principles.

3 credits

OEd 173 Dictation/Transcription

Prerequisite: OEd 123

This course provides fundamental instruction in the use of dictating/transcribing equipment in preparing business letters, correspondence and meeting minutes. The course includes a review of spelling, rules of dictation, rules of transcription and the mechanics of producing error free documentation at employable production rates.

3 credits

OEd 223 Advanced Keyboarding

Prerequisites: OEd 113 & Engl 113 (Spring Semester)

This is a continuation of Intermediate Keyboarding. Proofreading, speed and accuracy will be emphasized.

3 Credits

OEd 233 Office Procedures

Prerequisites: OEd 123, OEd133, OEd 163 or Engl 103, and OEd 153

This capstone course provides opportunities for the quality production of documents, telephone skills, records management skills, meeting organization and detail skills, travel arrangement skills, and other general office skill requirements. This course will draw upon the conceptual, technical, and human skills of the student necessary to become successfully employed in his or her field of study. 3 credits

OEd 243 Office Management, Security & Safety

Prerequisites: OEd 163 or Engl 103, CSc 113, OEd 153, and OEd 133

This course features modern practices and problems in the business office. Office safety, office/document security, work ethics, problem-solving and decision-making tools, social responsibilities, organizational structures, supervising, staffing, training, and office control through a systems analysis process are areas to be studied. 3 credits

OEd 253 Wordprocessing II (General)

Prerequisite: OEd 103, OEd 123, OEd 163 or Engl 103.

This course develops the advanced application competencies of document composition. Improved productivity in the most efficient, timesaving way of producing business documents using electronic equipment and templates, proofreading/editing documents will be a major objective of this course. This course has an exit requirement of 40 word-per-minute without error.

3 credits

OEd 263 Business Communication II

Prerequisite: OEd 103, OEd 123, OEd 163, CSc 113

This is a continuation of the Business Communications I. The students will continue their communication, language arts skills in an applied setting. Composition of direct and indirect messages, research papers, proposals, and presentations using Power Point will provide practical application and training for successful employment.

3 credits

OEd 293 Office Automation Internship

Prerequisites: Degree Candidate status

This course is a supervised work experience of 90 hours in an office-setting environment performing normal office duties. This may be done on or off the reservation with a tribal, government, or private entity. The student will be required to complete a time log, activity record, and a final report plus the other documents required to perform an internship.

3 credits

OFFICE TECHNOLOGY

OTech 103 Office Technology

Prerequisite: OEd 093 or Test-out

This is an introductory course to the modern technologies used in the business office. Students will be introduced to introductory software such as Word, Excel, Access, and Power Point. Students will also study telephone skills, and electronic devices as needed. 3 credits

OTech 113 Professionalism I

Prerequisite: OTech 103

Students will shadow an office assistant for ninety working hours to be exposed to the general office duties maintained in an average office setting on or off the reservation at a tribal, government, or private entity. An hours report and a daily log of observed activities will be maintained daily. At the end of the observation period, an overall observation report of the student's assessment of the office and the assistant observed will be required.

3 credits

OTech 213 Professionalism II

Prerequisite: Degree Candidate Status

Students will work as a supervised office assistant in an office on or off the reservation in a tribal, government, or private entity for ninety hours. A daily log of hours and activities performed, and an overall report of the internship experience plus the normal signed documents required to take the internship work experience will be required.

3 credits

OEd 273 Wordprocessing II (Medical)

Prerequisite: OEd 123, OEd 123, OEd 163, or Engl 103.

A continuation of Word Processing I with an emphasis on medical office documents or documents related to the medical field. This course develops the advanced composition and production of documents in the most efficient, timesaving way using electronic equipment and templates. A major focus will be on accuracy with an exit of 40 words-per-minute without error.

3 credits

OEd 283 Wordprocessing II (Legal)

Prerequisite: OEd 103, OEd 123, OEd 163, or Engl 103.

A continuation of Word Processing I with an emphasis on legal office documents or documents related to the legal field. This course develops the advanced skills of composition and production of documents in the most efficient, time saving way using electronic equipment and templates. A major focus will be on accuracy with an exit of 40 words-per-minute without error.

3 credits



EDUCATION DEPARTMENT

Art Fisher, MA, Ed., Dean of Education
Richard Jones, M.S., Instructor
Tom Raymond, M.S., Instructor
Marnee White Wolf, M.S. Instructor
Alisa Plenty Wolf, Department Secretary
Shawna Pourier, Early Childhood Education Director
Yvonne Decory, Early Childhood Instructor
Jerry Lessert, CSI Coordinator
Beverly Red Willow, Field Base Coordinator (K-8 Liaison)
Education Department Webpage (www.olc.edu/afisher/eddex.htm)

VISION STATEMENT

To graduate highly qualified, professional, motivated, committed teachers who possess and who will teach Wolakolkiciyapi in a multicultural, changing world. (Wolakolkiciyapi refers to the whole person in balance and in harmony, spiritually, physically, mentally and socially.)

MISSION STATEMENT

Graduates from our programs will learn holistic principles of education and will become proficient in effective character education across the curriculum, with an emphasis on community issues and traditional Lakota perspectives.

DEGREES AND CERTIFICATION OFFERED

- ◆ Associate of Arts Degree in Early Childhood Education (Birth thru Preschool Education Certification)
- ◆ Associate of Arts Degree in Elementary Education
- ◆ Bachelor of Science in K-8 Elementary Education Degree (stand alone program)
- ◆ AED Bachelor of Science in K-12 Elementary Education Degree
- ◆ Special Education Certification in K-12.
- ◆ ACED (Accelerated Combined Education Degrees) Bachelor of Science in K-8 Elementary Education and K-12 Special Education
- ◆ Bachelor of Science in K-12 Lakota Studies Education (See Lakota Studies for status sheet)
- ◆ Bachelor of Science in Business Education (See Applied Science and Technology Department for status sheet)

ADMISSION TO TEACHER EDUCATION PROGRAM

Note that formal acceptance in writing from the Education Department is required before a student is allowed to take any of the professional core requirements for the K-8 Program or for entry into an ACED Program. Please visit the Education Department Webpage at <http://www.olc.edu/afisher/eddex.htm> for application form.

PROGRAM DESCRIPTIONS

Associate of Arts Degree in Early Childhood Education (Birth thru Preschool Education Endorsement)

This degree satisfies federal requirements for training Head Start Personnel (Child Development Associate). For students with a K-8 certification, completion of these courses will earn a South Dakota State Certification in Birth thru Preschool.

Associate of Arts in Elementary Education

This degree serves as a stepping stone to the B.S. degree in Elementary Education. This Associate of Arts Degree is excellent for elementary school paraprofessionals who are not required to obtain teacher certification. This degree meets the requirements of the No Child Left Behind Law Act.

Bachelor of Science in K-8 Elementary Education Degree (stand alone program)

As with all our programs of study, this degree meets the requirements for the state of South Dakota teacher certification and will prepare the candidate to teach in kindergarten through eighth grade. It exists for students too far along in their course work to consider the ACED degree and for students unable to commit to a five semester cohort curriculum. An emphasize in character education across the curriculum (the teaching of core, universal values as an equal priority to academic content knowledge is reinforced in this program of study.

K-12 Special Education Certification (SPED)

This is a cohort program for already certified education majors seeking South Dakota State Certification in K-12 Special Education. The SPED course work involves the employment of a Professional Development Model. In this model students experience a two-year internship where they work cooperatively with Special Education teachers within local schools and are trained to work with children possessing a variety of special abilities within their assigned classrooms. The SPED component may be for undergraduate credit or graduate credit hours. As with all our degree programs, it emphasizes character education across the curriculum (the teaching of core universal values as an equal priority to academic content knowledge.

Accelerated Education Degree Program (AED) Bachelor of Science Degree in K-8 Elementary Education

This AED program is for interested teacher trainees at Junior status to obtain a Bachelor of Science Degree in K-8 Elementary Education. This 5 semester program is designed around a block schedule, includes a cohort model of integrated coursework. Students will do a 4 semester internship in the AED Program. The AED block courses meet twice weekly, with the exception of the final semester. The final semester includes a 16 week student teaching experience with a seminar class meeting weekly. This program reinforces the teaching of Lakota values as essential and equal in importance as academic content knowledge.

Accelerated Combined Education Degrees K-8 Elementary Education and K-12 Special Education

This teacher training program prepares students for a Bachelor of Science Degree in K-8 Elementary Education and K-12 Special Education. The ACED degree integrates professional core courses, consists of a student cohort group, and involves a Professional Development School Model. In this model, cohort students

intern within local schools for their entire junior and senior years. The ACED degree is for students who are at junior status or who have obtained their Associates of Arts Degree in Elementary Education. As with all our degree programs, it emphasizes character education across the curriculum (the teaching of core, universal values as an equal priority to academic content knowledge.)

Bachelor of Science in K-12 Lakota Studies Education (aka South Dakota Indian Studies)

This degree, in cooperation with the Lakota Studies Department, will give graduates the "South Dakota Indian Studies" credential that will allow them to teach related subjects in K-12 education. See the Lakota Studies Department for this status sheet as well as Lakota course descriptions.

Bachelor of Science in Business Education

In conjunction with the Applied Science and Technology Department, this degree allows graduates to teach business course in grades 7-12. See the Applied Science and Technology Department for this status sheet and Business Education course descriptions.



EARLY CHILDHOOD PROGRAM

Infant/Toddler Caregivers Training Program

The Early Childhood program started with the Infant Toddler Caregivers Training Program under the Welfare To work Program. This project offers infant toddler training for Child Care Providers. The infant toddler training program is an effort by the Department of Social Services, Office of Child Care and the Early Childhood Enrichment Coordinators to promote ongoing training to improve the quality of infant toddler care in South Dakota. This component offers training in infant toddler care which covers all aspects of growth and development in early childhood. Students may obtain CEU's for this training. This project also offers training and certification in First Aid and CPR and a Toy Lending Library to students who successfully complete the Infant/Toddler Training.

CDA Certification

The Early Childhood program is also offering CDA (Child Development Associate) certification for Early Childhood students. This project is in collaboration with the South Dakota CDA Project. We offer the training and mentoring that is required by the SDCDA Project.

Each student must follow a plan of study:

<u>Course Title</u>	<u>Clock Hours</u>
*Early Childhood Profession Includes 1 Mentor Observation	24 hours
*Health, Safety & Nutrition	15 hours
*Child Development & Planning Includes 4 Mentor Observations	45 hours
*Guidance of Young Children Includes 1 Mentor Observation	17 hours
*Partnership with Parents	15 hours
*Programs for Young Children	15 hours
*Advisor Assessment Observation	Scheduled with CDA Advisor



EDUCATION DEPARTMENT
ASSOCIATE ARTS DEGREE IN EARLY CHILDHOOD
(Birth thru Preschool Education Endorsement)

1. CORE (24 credits)

		where	date	grade
CoSu 103	College Success	3	_____	_____
SpCm103	Speech Communications	3	_____	_____
Engl 103*	Freshman English I	3	_____	_____
Engl 113*	Freshman English II	3	_____	_____
Art 153*	School Arts and Crafts	3	_____	_____
Math 103*	Elementary Algebra	3	_____	_____
Psy 103	General Psychology	3	_____	_____
Bio 113	People and the Environment	3	_____	_____

2. LAKOTA STUDIES (15 credits)

Lak 103	Lakota Language I	3	_____	_____
Lak 233*	Lakota Language II	3	_____	_____
LSoc 103	Lakota Culture	3	_____	_____
Lakota Elective	_____	3	_____	_____
Lakota Elective	_____	3	_____	_____

3. EARLY CHILDHOOD (23 credits) (CDA certification can substitute for the courses in italics)

Ed 213	Child Growth and Develop (or Dev..Psych.)	3	_____	_____
<i>Ech 212</i>	<i>Introduction To Early Childhood Ed.</i> (CDA equivalence=Orientation/Early Childhood)	2	_____	_____
<i>Ech 213</i>	<i>Planning & Administrating Early Child.Programs</i> (CDA equivalence=All three of the following courses: Health, Safety and Nutrition, Parents as Partners & Programs for Young Children.)	3	_____	_____
<i>Ech 223</i>	<i>Materials & Tech. For Toddler & Preschool Ctrs.</i> (CDA equivalence=Child Development)	3	_____	_____
Ech 233	Curriculum for Self-Awareness & Individual Devel.	3	_____	_____
Ech 253	Parental, Staff & Community Involvement in ECE	3	_____	_____
ExEd313	Introduction to Exceptional Education	3	_____	_____
<i>Ech 210</i>	<i>Early Childhood Specialty Internship</i> (CDA equivalence=Guidance of Young Children (which Includes 480 practicum hours w. logs and observations)	3	_____	_____

4. Electives (6 credits)

Successful completion of this program meets the State of South Dakota requirements for the Birth through Preschool Endorsement. Also meets federal mandate for Head Start lead staff.



EDUCATION DEPARTMENT
ASSOCIATE ARTS DEGREE IN ELEMENTARY EDUCATION

1. CORE REQUIREMENTS (39 credits)

	where taken	date	grade
CoSu 103 College Success	3	_____	_____
Engl 103* Freshman English I	3	_____	_____
Engl 113* Freshman English II	3	_____	_____
SpCm 103 Speech Communications	3	_____	_____
Math 134* Intermediate Algebra (may test out)	3	_____	_____
Mus 203* Music and Culture	3	_____	_____
Pols 103 American Government	3	_____	_____
Psy 103 General Psychology	3	_____	_____
Bio 113 People and the Environment	3	_____	_____
Geog 213* World Geography	3	_____	_____
CSc 103 Applied Information Processing	3	_____	_____
HISA 203 or 213* American History I or II	3	_____	_____
Lit 313* World Literature	3	_____	_____

2. LAKOTA STUDIES REQUIREMENTS (15 credits)

Lak 103 Lakota Language I	3	_____	_____
Lak 233* Lakota Language II	3	_____	_____
LSoc 103 Lakota Culture	3	_____	_____
Lakota Elective _____	3	_____	_____
Lakota Elective _____	3	_____	_____

(Sections 1 and 2 must be complete before any of #3)

3. AA Level Elementary Education Coursework (16 credits)

Ed 283* Foundations of Education (includes pre-service student teaching experience)	3	_____	_____
Sci 204* Integrated Science for the Elem. Teach. I	4	_____	_____
Math 323* Math for the Elementary Teacher I	3	_____	_____
Lit 303* Reading Children's Literature	3	_____	_____
Arts 153* School Arts and Crafts	3	_____	_____

Total = 70 credits

This A.A. degree tracks into the B.S. (stand alone) AED and ACED Programs.



EDUCATION DEPARTMENT
BACHELOR OF SCIENCE DEGREE IN K-8 ELEMENTARY EDUCATION

1. CORE REQUIREMENTS (40 credits)	Where taken	date	grade
CoSu 103	College Success	3	_____
Engl 103*	Freshman English I	3	_____
Engl 113*	Freshman English II	3	_____
SpCm 103	Speech Communications	3	_____
Psy 103	General Psychology	3	_____
Math 134*	Intermediate Algebra	4	_____
CSc 113	Applied Information Processing	3	_____
Hisa203/213*	American History I OR II	3	_____
Lit 313*	World Literature	3	_____
Mus 203	Music and Culture	3	_____
Pols 103	American Government	3	_____
Bio 113	People and the Environment	3	_____
Geog 213	World Geography	3	_____
2. LAKOTA STUDIES (15 Credits)			
Lak 103	Lakota Language I	3	_____
Lak 233*	Lakota Language II	3	_____
LSoc 103	Lakota Culture	3	_____
Lak Elective	_____	3	_____
Lak Elective	_____	3	_____
(Section 1 and 2 must be completed before any of #3)			
3. PROFESSIONAL CORE REQUIREMENTS (44 credits)			
Ed 283*	Foundations of Ed. (includes sophomore experience)	3	_____
Ed 203*	Indian Education	3	_____
Engl 303*	Grammar & Linguistics	3	_____
Hlth 303*	Health & First Aid	3	_____
Art 153*	School Arts and Crafts	3	_____
Ed 213*	Child Growth and Development	3	_____
Ed 313*	Educational Psychology	3	_____
ExEd 313*	Introduction to Exception Ed	3	_____
Sci 204*	Integrated Science for Elem Teacher I	4	_____
Sci 214*	Integrated Science for Elem. Teacher II	4	_____
Math 323*	Math for the Elementary Teacher I	3	_____
Math 333*	Math for the Elementary Teacher II	3	_____
Lit 303*	Reading Children's Literature	3	_____
Ed 323*	Middle School Concepts	3	_____
4. PROFESSIONAL REQUIREMENTS (36 credits)	(Section 3 must be completed before Section 4)		
(400 level methods can be taken only after completion of professional core courses)			
Ed 463*	Human Relations for Ed. Majors	3	_____
Mus 253*	Music and Art Methods for Elementary Teachers	3	_____
Ed 423*	Methods of Teaching Elementary Math	3	_____
Ed 433*	Methods of Teaching Elementary Science	3	_____
Ed 443*	Methods of Tchg. Elementary Lang. Arts	3	_____
Ed 413*	Methods of Teaching Elementary Reading	3	_____
Ed 453*	Methods of Tchg. Elementary Social Studies	3	_____
PE 463*	Methods of Teaching Elementary PE	3	_____
(The following courses are to be taken after completion of <u>all</u> coursework)			
Ed 473*	Student Teaching Seminar	3	_____
Ed 489*	Student Teaching	9	_____
5. ELECTIVES (6 credits)			
_____		3	_____
_____		3	_____
Total Hours = 141			

EDUCATION DEPARTMENT
ACCELERATED EDUCATION DEGREES PROGRAM (AED)
BACHELOR OF SCIENCE DEGREE IN K-8 ELEMENTARY EDUCATION

1. CORE REQUIREMENTS (41 credits)	Where taken	date	grade
CoSu 103	College Success	3	_____
Engl 103*	Freshman English I	3	_____
Engl 113*	Freshman English II	3	_____
SpCm 103	Speech communications	3	_____
Psy 103	General Psychology	3	_____
Math 134*	Intermediate Algebra	4	_____
CSc 113	Applied Information Processing	3	_____
Hisa203/213*	American History I OR II	3	_____
Lit 313*	World Literature	3	_____
Mus 203	Music and Culture	3	_____
Pols 103	American Government	3	_____
Bio 113	People and the Environment	3	_____
Geog 213	World Geography	3	_____
2. LAKOTA STUDIES (15 Credits)			
Lak 103	Lakota Language I	3	_____
Lak 233*	Lakota Language II	3	_____
LSoc 103	Lakota Culture	3	_____
Lak Elective	_____	3	_____
Lak Elective	_____	3	_____
(Section 1 and 2 must be completed before any of #3)			
3. PROFESSIONAL CORE REQUIREMENTS (41 credits)			
Ed 283*	Foundations of Ed. (includes sophomore experience)	3	_____
Ed 203*	Indian Education	3	_____
Engl 303*	Grammar & Linguistics	3	_____
Hlth 303	Health & First Aid	3	_____
Art 153	School Arts and Crafts	3	_____
Ed 213	Child Growth and Development	3	_____
Ed 313*	Educational Psychology	3	_____
ExEd 313*	Introduction to Exception Ed	3	_____
Sci 204*	Integrated Science for Elem Teacher I	4	_____
Sci 214*	Integrated Science for Elem. Teacher II	4	_____
Math 323*	Math for the Elementary Teacher I	3	_____
Math 333*	Math for the Elementary Teacher II	3	_____
Lit 303*	Reading Children's Literature	3	_____
Ed 323*	Middle school concepts	3	_____

3. PROFESSIONAL REQUIREMENTS (42 credits)

The following courses are blocked courses that are taught as integrated curriculum, AED students will participate in class twice a weekly for these integrated courses. Students need to be accepted into the AED Program.

SEMESTER 1: Block A: K-8 Elementary Education Integrated Courses (meets twice weekly)

Ed 303A*	Child Growth and Development	3	_____
Ed 303B*	Middle School Concepts	3	_____
Ed 303C*	Educational Psychology	3	_____
Ed 303D*	School Internship	3	_____

SEMESTER 2: Block B: K-12 Elementary Education Integrated Courses (meets twice weekly)

Ed 323A*	Human Relations	3	_____
Ed 323D*	Indian Education	3	_____
Ed 393C*	School Internship	3	_____

SEMESTER 3: Block C: K-12 Elementary Education Integrated Courses (meets twice weekly)

Ed 443A*	Methods of Teaching Language Arts	3	_____
Ed 443B*	Methods of Teaching Reading	3	_____
Ed 443C*	Methods of Teaching Social Studies	3	_____
Ed 443D*	School Internship	3	_____

SEMESTER 4: Block D: K-12 Elementary Education Integrated Courses (meets twice weekly)

Ed 463A*	Methods of Teaching Science	3	_____
Ed 463B*	Methods of Teaching Mathematics	3	_____
Ed 463C*	School Internship	3	_____

SEMESTER 5: Block E: K-8 Elementary Education & K-12 Special Ed. Courses (meets twice weekly)

Ed 473*	Student Teaching Seminar	3	_____
Ed 489*	Final Student Teaching	9	_____



EDUCATION DEPARTMENT
ACCELERATED COMBINED EDUCATION DEGREE (ACED)
**BACHELOR OF SCIENCE DEGREE IN K-8 ELEMENTARY EDUCATION/
 K-12 SPECIAL EDUCATION**

Note: Hlth 303, Sci 214, Engl 303 and Math 333 in addition to coursework for the completion of the Associates of Arts Degree in Elementary Education are required prior to placement into the ACED Program.

The following courses are blocked courses that are taught as integrated curriculum. Block A will meet twice weekly and so will block B. ACED students will participate in class 4 nights weekly for these integrated courses and be placed in an internship within local schools 5 days a week. Students need to be accepted into the ACED program.

SEMESTER 1:	Where taken	date	grade
Block A: K-8 Elementary Education Integrated Courses: (meets twice weekly)			
SpEd 303 - A Child Growth and Development	3	_____	_____
SpEd 303 - E Middle School Concepts	3	_____	_____
SpEd 303 - C Educational Psychology	3	_____	_____
SpEd 303 - D School Internship	3	_____	_____
Block B: K-12 Special Education Integrated Courses: (meets twice weekly)			
SpEd 323 - A Assessments & Practical Applications	3	_____	_____
SpEd 323 - B Curriculum & Program Development	3	_____	_____
SpEd 323 - C School Internship	3	_____	_____
SEMESTER 2:			
Block A: K-12 Elementary Education Integrated Courses: (meets twice weekly)			
SpEd 323 - A Human Relations	3	_____	_____
SpEd 323 - D Indian Education	3	_____	_____
SpEd 323 - C School Internship	3	_____	_____
Block B: K-12 Special Education Integrated Courses: (meets twice weekly)			
SpEd 333 - A Etiology/Characteristics of Disabilities	3	_____	_____
SpEd 333 - B Current Sp.Ed. Law & IED Development	3	_____	_____
SpEd 333 - C Wellness Issues in Sp.Ed.	3	_____	_____
SpEd 333 - D School Internship	3	_____	_____
SEMESTER 3:			
Block A: K-8 Elementary Education Integrated Courses: (meets twice weekly)			
SpEd 443 - A Methods of Teaching Language Arts	3	_____	_____
SpEd 443 - B Methods of Teaching Reading	3	_____	_____
SpEd 443 - C Methods of Teaching Social Studies	3	_____	_____
SpEd 443 - D School Internship	3	_____	_____
Block B: K-12 Special Education Integrated Courses: (meet twice weekly)			
SpEd 453 - A Strategies for Teaching Sp.Ed. Students	3	_____	_____
SpEd 453 - B Classroom Management	3	_____	_____
SpEd 453 - C School Internship	3	_____	_____
SEMESTER 4:			
Block A: K-8 Elementary Education Integrated Courses: (meets twice weekly)			
SpEd 463 - A Methods of Teaching Science	3	_____	_____
SpEd 463 - B Methods of Teaching Mathematics	3	_____	_____
SpEd 463 - C Internship	3	_____	_____
Block B: K-12 Special Ed. Integrated Courses: (meets twice weekly)			
SpEd 473 - A Strategies for Teaching Special Ed. II	3	_____	_____
SpEd 473 - B Transitions and Community Resources	3	_____	_____
SpEd 473 - C School Internship	3	_____	_____
SEMESTER 5:			
Block A: K-8 Elementary Ed. and K-12 Special Ed. Courses			
SpEd 483 - A Student Teaching Seminar	3	_____	_____
SpEd 483 - B Student Teaching	9	_____	_____

Total Hours = 93

EDUCATION DEPARTMENT

K-12 SPECIAL EDUCATION CERTIFICATION

Note: This program is for teachers already holding a teaching certification seeking further certification in K-12 Special Education.

SEMESTER 1: Special Ed. Integrated Courses (meets twice weekly)

SpEd 323 - A	Assessments & Practical Applications	3	
SpEd 323 - B	Curriculum & Program Development	3	
SpEd 313 - C	School Internship	3	

SEMESTER 2: K-12 Special Ed. Integrated Courses (meets twice weekly)

SpEd 333 - A	Etiology/Characteristics of Disabilities	3	
SpEd 333 - B	Current Sp.Ed. Law & IED Development	3	
SpEd 333 - C	Wellness Issues in Special Ed.	3	
SpEd 333 - D	School Internship	3	

SEMESTER 3: K-12 Special Ed. Integrated Courses (meets twice weekly)

SpEd 453 - A	Strategies for Teaching Special Education Students	3	
SpEd 453 - B	Classroom Management	3	
SpEd 453 - C	School Internship	3	

SEMESTER 4: K-12 Special Ed. Integrated Courses (meets twice weekly)

Block B: K-12 Special Ed. Integrated Courses (meets twice weekly)

SpEd 473 - A	Strategies for Teaching Special Education II	3	
SpEd 473 - B	Transitions and Community Resources	3	
SpEd 473 - C	School Internship	3	

Total Hours = 39



EDUCATION COURSE DESCRIPTIONS

Please note that the prerequisites are listed on the status sheets. It is also important to understand that the education courses listed below include OLC's abilities of culture, reading, writing, math and critical thinking and reinforce South Dakota State Teacher Competencies.

Ed 283 Foundation of Education

Foundations of Education is a sophomore level course providing an introduction to the profession of teaching. While enrolled in this course the student will document experiences that provide information with which to make an informed choice about entering the field of education. A state requirement for this course is pre-student teaching experience also referred to as sophomore experience. This part of the course requires 15 hours of observation in the field followed up by 15 hours of student journaling related to classroom observations and topics covered in this course. The topics to be covered include the history and philosophy of education, structures and governance of schools, professionalism, teacher effectiveness, and curriculum models. Students are required to complete their applications for entry into the teacher education program as a part of this course. Please see the Application for Admission to The Teacher Education Program on page 109. (Prerequisites: CoSu 103, Engl 113, Psy 103)
3 credits

Ed 203/SpEd 303-B Indian Studies for Education

American Indian school and community relations of the Seven Council Fires are studied. Educational theory and background into traditional tribal education, church, federal, public and tribal education will be explored. Teaching methods based on integrating state content standards with Indian values, family structures, traditional religion, the arts, legends, government, treaties and tribal economics are involved in this course. Included with the four South Dakota Indian Studies Strands addressed, Oglala Lakota College's cultural, reading, writing, and critical thinking abilities will also be reinforced in this course. (Prerequisites: CoSu 103, Engl 113, Psy 103)
3 credits

Ed 213/SpEd 303-A Child Growth and Development

Child Growth and Development is a thorough review for the understanding of the biological, physical, social, emotional, and intellectual growth and development of children from prenatal to adolescence. Biological understanding involving genetics and prenatal development to birth is a part of this course. Students will also learn about infants and toddlers, preschool children, school-age children, as well as adolescent development. This course provides reinforcement of Oglala Lakota College's Abilities and South Dakota Teacher Standards. (Prerequisites: CoSu 103, Engl 113, Psy 103)
3 credits

Ed 313/SpEd 303-C Educational Psychology

Educational Psychology is a scientific discipline that is concerned with understanding how children develop and learn through formal instruction in classroom settings. In this course students will examine physical, social/character development, emotional and cognitive principles and developmental learning theories from educational settings. An understanding of intellectual differences, learning and problem-solving processes, self-esteem, motivation and assessing learning will be investigated in this course. This course provides reinforcement of Oglala Lakota College's Abilities and South Dakota Teacher Standards. (Prerequisites: CoSu 103, Engl 113, Psy 103)
3 credits

ExEd 313 Introduction to Exceptional Education

This course provides an overview of special education from the litigation and legislation to the categorization and identification of those individuals who may need special services. Students will learn the types and the etiology of the various disabilities. Different assessments that are used to determine disability will be examined. Students will have opportunities to build lessons with different ability levels included. An inclusionary and collaborative model for teaching special education will be emphasized. (Prerequisites: CoSu 103, Engl 113, Psy 103)

3 credits

Ed 323/SpEd 303-E Middle School Concepts

Middle School Concepts is an examination of children in grades fifth through eighth. In this course an overview of educational programs, its instruction and how it is tailored around developmental issues related to social, emotional, physical and cognitive development of the middle school learner is enforced. Students will learn about middle school program elements including constructive learning, block scheduling, advisory teams, and interdisciplinary curricular teams. Students will explore instructional delivery involving character education, subject integration, interdisciplinary and thematic units that are focused on discovery learning, creative projects, cooperative relational practices, and multicultural celebrations. The South Dakota Teacher Competencies will be included in this course as well as Oglala Lakota College's Abilities. (Prerequisites: CoSu 103, Engl 113, Psy 103)

3 credits

Ed 423/SpEd 463-B Methods of Teaching Elementary Math

This course will provide students with experience in the preview and use of various types of math manipulatives, computer programs and other math instructional materials. They will learn the elements of effective K-8 instruction, different models of classroom management, student learning styles and cooperative learning. Students with special needs, inclusion strategies and parental/community involvement strategies will also be reviewed. The student will develop lesson plans utilizing this information and present lessons to the class. (Prerequisites: Professional Core Requirements must be completed)

3 credits

Ed 433/SpEd 463-A Methods of Teaching Elementary Science

This course will provide learner with information in the basic knowledge and skills of teaching K-8 grade Science. In this course students will review Science materials, resources, educational technology, and computer software. Students will create and present formal and informal lessons. Special attention will focus around assessment of Science, Lakota culture, character education, behavioral management, individualizing instruction, parental and community involvement, and service learning. (Prerequisites: Professional Core Requirements)

3 credits

Ed 443 SpEd 443-A Methods of Teaching Elementary Language Arts

This course will include the interrelationship between reading, writing, speaking and listening, The Four Language Arts. Students will be guided in lesson plan design and delivery. Student lessons will integrate character education, include skill sand strategies, and involve the Four-Cueing Systems. These lessons will include the South Dakota State Language Arts Competencies. The Four Cueing System includes the: Phonological system, Syntactic System, Semantic System and the Pragmatic System. Specific attention will include assessing the Language Arts, Lakota culture, character education, behavioral management, individualizing instruction, parental/community involvement, and service learning. (Prerequisites: Professional Core Requirements must be completed)

3 credits

Ed 413/SpEd 443-B Methods of Teaching Elementary Reading

This course will cover instructional strategies for reading, which reflects on a constructive approach to teaching and learning. The emphasis of language development, phonemic awareness, the cueing system, word recognition strategies and reading for comprehension will be addressed. Course emphasis will include the development and presentation of lessons by methods of reading students. These lessons will address character education; involve the skills and strategies of reading based on South Dakota State Reading Competencies. Exploration of reading assessment, Lakota culture, behavioral management, community and parental involvement, and differentiating instruction to meet the needs of diverse learners will be reinforced in this course. (Prerequisites: Professional Core Requirements must be completed)

3 credits

Ed 453/SpEd 443-C Methods of Teaching Elementary Social Studies

This course will provide prospective elementary education teachers with experience in the effective planning and development of a kindergarten through eighth grade social studies program. This course will address goals, objectives, curriculum, educational technology, resource materials relevant to elementary social studies. Students will explore various learning styles, classroom management technique and parental involvement. In this course the learner will develop informal and formal lesson plans designed around the South Dakota State Social Studies Standards. (Prerequisites: Professional Core Requirements must be completed)

3 credits

Hlth 303 Health and First Aid for Elementary Teachers

This course will introduce the students to the concepts of health and hygiene including review of body systems and factors within the internal and external environments which influence health, with emphasis on children at the elementary grade levels. First aid assessment and management of injuries common to this population will also be included. Students will be certified in CPR.

3 credits

Ed 463/SpEd 323 Human Relations

This course will center on Native American and multicultural issues. Students will investigate different social phenomena, process, and outcomes, especially those dealing with social economic status, life styles, history, reciprocal perceptions and interactions between different groups. Emphasis will be on recognizing stereotypes, prejudice and discrimination. Students will discuss precepts of critical pedagogy and its effect on ameliorating the negative impact of these things. Woven into the program is the concept of Wolakota and its cousin iCharacter Education.î This course is required for all South Dakota teachers and therefore will enforce the South Dakota State Human Relation Standards. (Prerequisites: Soc 103, Anth 103, Psy 103, HISA 203, HISA 213, Hist 223 or Hist 233)

3 credits.

Ed 473/SpEd 483-A Student Teaching Seminar in Elementary Education

The Seminar is intentionally aligned with Ed. 589 Student Teaching in the Elementary School. The Seminar course provides opportunities to share student teaching experiences and challenges with colleagues and college faculty members. Students will receive instruction in integrating technology, resume writing, mock interviews, developing professional portfolios as well as character education. Ed 473 students will review their understanding of course content and relate it to state standards, develop teaching strategies and competencies. Additional emphasis will be focused on classroom management, strategies for working with at-risk students, brain based learning and formal and authentic assessment. (Prerequisites: Admission to the Teacher Education Program. Completion of all other requireemnts for the BS degree in Elementary Education.

3 credits

Ed 489/SpEd 489-B Student Teaching in the Elementary School

Students spend five days a week for a full semester in supervised practice in an approved elementary classroom. The student teaching experience will involve 8 weeks in a lower elementary classroom and an additional 8 weeks in an upper elementary classroom under the guidance of certified supportive teachers. Student teachers will fulfill the requirement of 40 hours per week in their assigned classrooms and will be expected to assume total classroom responsibility for 80 hours of planning and facilitation of the classrooms. Teaching strategies and skills as well as competencies will be developed under the supervision of a supportive teacher and a college supervisor. (Prerequisites: Completion of all other requirements for the BS degree in elementary education. Actual observation, practice, and development in local schools is required. 9 credits

Course Descriptions for K-12 Special Education Professional Coursework (4-1-2001) (Admittance to ACED Program is a Prerequisite)

SpEd 313A Assessments & Practical Applications

This course is a study of the development, selection, administration and interpretation of formal and informal instruments and strategies used to help ascertain an individual child's skills in academic, cognitive, communicative, social, emotional, behavioral, psychomotor, prevocational/vocational, social and independent living skills. The student will gain knowledge of the nature of educational assessment, including typical standards of delivery, test reliability, validity and the types of scores, which may be reported. Correlation between the assessments and the needs of the child will be studied. Experience applying this information via the written report and Multidisciplinary Team report will be gained as will the development of an Individualized Education Plan. The student will understand the concept of "Confidentiality" regarding assessment results, the assurance of non-biased evaluation, and the need for commitment to daily, ongoing assessment to assure the best possible learning outcomes. Admission to ACED Program or B.S. in Elem. Ed

3 credits

SpEd 313B Curriculum and Program Development

After introducing models and theories that are the basis for special education programs, this course addresses the much-needed skills in collaboration, team teaching, and techniques of inclusion as it applies to the development of individualized curriculum and program development. The student will develop appropriate lesson plans based on K-12 academic standards to design an instructional program, which facilitates individual student achievement. Program development includes ways to monitor your program and student progress. The student will organize and maintain student progress records, and manage all portions of the IEP process, including timely, written notices to parents and setting up and conducting of meetings.

3 credits

SpEd 333A Etiology/Characteristics of Disabilities

In this course students will study the causes of the various disabling conditions, legal definitions of disabilities and the characteristics of disabilities. Students will also be introduced to strategies for working with students with disabilities. 3 credits

SpEd 333B Current Special Education Law and IEP Development

This course will study current SPED Law (PL 105-17, IDEA). The student will study these laws concurrently with the process of the referral, pre-evaluation, delivery of parental rights, consent to evaluate, completion of the evaluations, multidisciplinary teams and Individual Education Plans. The students will understand the legal requirements, components and participants in the MDT and IEP, and will participate effectively in such meetings, including demonstration of appropriate organization and communication skills required. The student will be able to assist a regular education teacher in the processing of a new referral. The student will understand the components of long term goals and short-term objectives and be able to develop these effectively for individual children. 3 credits

SpEd 333C Wellness Issues in Special Education

Wellness is a critical issue in special education. Children with special needs are often unaware of or unable to participate in activities that promote wellness in mind, body and spirit. Research has shown that children with a learning disability often have poor social skills and poor self-concept and poor self-care skills. The problem is compounded when the children have more involved disabilities. This course is designed to give teachers insight into the affective and psycho-motor domains of special needs children. Diet, exercise, social interaction and self-concept will be examined, providing them with strategies to meet the unique health needs of individual children with various disabilities. Safety issues will also be addressed.

3 credits

SpEd 453A Strategies for Teaching Special Education Students I

In this course, students will become familiar with standard curricular materials and understand how to make appropriate adaptations to such materials to meet individual needs. The strategies developed and implemented (including commercial and teacher made products) will be geared toward the child who is identified as Learning and/or Language disabled. The student will study a variety of methods of instruction and be able to write, deliver and evaluate direct instruction lessons based on adapted or alternative curriculum. The student will gain understanding and experience toward teacher designs and motivational interventions as a part of all curricular programs. The student will use appropriate communication/collaboration skill to coordinate delivery and evaluation of direct and indirect instruction of reading, math, and language arts. The student will work with other special education staff, classroom aides, volunteers, regular education staff, parents and administration to coordinate instructional programs for children with disabilities. Opportunities for teaching music, P.E. and art will be incorporated into this course. 3 credits

SpEd 453 B Classroom Management

This course will instruct the student and provide hands on experience for managing a classroom. This will include collecting, recording, graphing and analyzing data in order to make behavioral interventions. Use of technology will be examined to facilitate these tasks. The student will be provided with opportunities to observe positive behavior management, which supports the belief that each child deserves a safe environment to learn in, with children taking a role in determining class rules and being respected as individuals. Opportunities to practice and apply these methods will be strongly supported. Concepts relating to course relevance to real life and character education and Wolakolkiciyapi will be emphasized. Methods for teaching physical education, art and music will be a part of this class. 3 credits

SpEd 473A Strategies for Teaching Special Education Students II

This course is designed to continue the students knowledge of strategies and curriculum adaptations for children with disabilities, with a focus on children identified a visually impaired (including blind), hearing impaired (including deaf), mentally retarded, multiple handicapped, autistic, orthopedically impaired, and traumatic brain injury. Direct instruction and hands on experience will be combined to allow the student with a variety of opportunities to develop and implement programs appropriate for students with these types of disabilities. Collaboration and coordination with other specialized services and agencies will be included. 3 credits

SpEd 473B Transitions and Community Resources

This course involves knowledge of outside agencies, other schools and community resources that are often an integral part of disabled child's education, and may be necessary for progress towards established goals. The student will familiarize themselves with a variety of types of transitions children with disabilities need to make and ways to facilitate this. This includes having a working knowledge of State and local agencies and services and being able to develop a functional transition plan. The student will set up meetings for transition plans, help in chairing and developing an appropriate plan and following through with the completion of these plans. The student will gain a working understanding of the laws that govern transition.

3 credits

EDUCATION COURSES AVAILABLE UPON REQUEST

Ed 290/490/590 Special Topics in Education

This course will cover selected topics in education as requested by students, teachers, or school administrators or as deemed advisable by the Education Department. Ed 290 is considered a sophomore level course. Ed 490 is a senior level course requiring more study and production. Ed 590 is a graduate level course requiring research.

BILINGUAL EDUCATION

BiED 303 Introduction to Bilingual Education

This course is a study of teaching methods and techniques involved in bilingual education. Staff and materials development, objectives and evaluation, as well as the cultural aspects are considered.

3 credits

BiEd 313 Language Experience for Bilingual Students

Topics include the theory and application of the language experience approach to teaching speaking, listening, reading and writing. Students will learn to enhance the English language by using puppets, skits and student created newsletters and books. 3 credits

BiEd 403 Reading for the Bilingual Student

This course will present ways to analyze reading difficulties caused by limited English proficiency. Students will learn to use methods to build vocabulary, improve comprehension and increase speed in reading English language materials. 3 credits

BiEd 413 Teaching English As a Second Language

The purpose of this course is to learn how to test and measure English proficiency, to understand the influence of a primary language in learning, successful approaches to teaching English as a second language. The course will also include Indian English, its characteristics, influence and uses.

3 credits

BiEd 423 Integration of Lakota Language, Literature and Culture in the Curriculum

The purpose of this course is to acquaint students with materials and resources which can be used to introduce and integrate the Lakota language, literature and culture into the everyday curriculum. Each student will be required to present an example. Numbers and credits are repeatable with different topics up to 6 credits. 3 credits

SECONDARY EDUCATION

ScEd 416 Student Teaching and Practicum in Secondary Schools

Students are assigned to a secondary classroom (grades 7-12) as a student teacher under the guidance of a cooperating teacher and college supervisor. The purpose is to develop teaching methods and professional skills. Concurrently, they will be involved in a seminar in which they can share their teaching experiences, and do video demonstrations for both self and peer evaluation.

6 credits

ScEd 433/ScEd 533 Computer Assisted Learning

This will include hands on experience with the micro computers commonly used in the school system. The software will include reading and writing programs which enhance the learning skills of Indian children and programs with respect and teach about their own cultural heritage. Programs for math and the sciences will also be introduced. 3 credits

ScEd 443 Reading in the Content Areas

Students will learn formal and informal methods of reading assessment, determining readability levels, how to present new vocabulary and concepts, and how to meet the special needs of Indian High School students with limited English proficiency. Resource people from the various departments may be called upon to represent their own content area.

3 credits

ScEd 453 Methods and Media for Secondary School Teachers

Students will study classroom management and guidance techniques. Students will also learn to prepare a variety of classroom presentations of learning aids. They will learn to select textbooks and other media which meets the bilingual and bicultural needs of Lakota high school students. Special attention will be paid to students with limited English proficiency, and the use of various ESL methods. Prerequisites: Ed 253/Psy 253, Ed 313, ExEd 313/513, Ed 463.

3 credits

ScEd 473 Student Teaching Seminar in Secondary Education

This seminar is to be taken along with ScEd 416 Student Teaching in the Secondary School. It provides student teachers with an opportunity to share student teaching experiences and challenges with fellow student teachers and college faculty members. Students will be given instruction in the operation of equipment, resume writing, job hunting skills, and professionalism. Students spend a full semester while student teaching in an secondary school reviewing their skills and competencies development. Students will do independent research in the school where they are doing their student teaching. The seminar is an exchange of ideas based on current and past educational and research experiences. Prerequisite: Admission to the Teacher Education Program. Completion of all other requirements.

3 credits

EARLY CHILDHOOD

ECH 210 Early Childhood Specialty Internship

Students will work in an early childhood center, program or agency, keep a journal and observation notes, and meet with the center director daily. The student will also help plan and do daily activities with the children. The student will be observed in the classroom setting by their supervisor. Insight will be shared with other students in a periodic seminar as arranged with their college supervisor. Prerequisites: Ed 213, ECH 212, ECH 213, ECH 223, ECH 233, ECH 253.

1-3 credits

ECH 212 Introduction to Early Childhood Education

This course provides an introduction to the field of early childhood education to both beginning students and experienced practitioners. The philosophies, goals, and purposes of early childhood programs, as well as professional and staff development will be explored. This course will also provide an introduction to the CDA (Child Development Associate) process, portfolio development, and development of professional resource files.

2 credits.

ECH 213 Planning and Administrating Early Childhood Programs

This course introduces the student to the steps involved in setting up a home or day care center learning environment for the infant, toddler, and preschool child. This course includes issues of management, administrative procedures, health, safety, use of physical space and licensing regulations. The CDA functional areas of safe, health and learning environments to invite learning are covered in this course. Ed 213, ECH 212.

3 credits

ECH 223 Materials & Techniques for Infant, Toddler & Preschool Centers I

This course will help the student to develop culturally relevant materials for the enhancement of physical,

emotional and intellectual growth of the infant, toddler and preschool child. An introduction to various activities and media used to foster creativity in young children, with specific emphasis on art, music, movement, drama, puppetry, woodworking and the use of children's literature will be explored. Students will gain knowledge and expertise in teaching techniques individually and developmentally appropriate for young children. The CDA functional areas of physical, cognitive, communication and creative are covered in this course. Prerequisites: Ed 213, ECH 212.

3 credits

ECH 233 Programming for Self-Awareness and Individual Development

This course is designed to provide the student with the knowledge and skills necessary to promote means of building positive self concepts and individual strengths in the infant, toddler and preschool child. Techniques and materials that can be used within day care centers, early childhood classrooms and home centers that support social and emotional development, and also provide positive guidance will be introduced. The CDA functional areas of self, social and guidance are covered in this course. Prerequisites: Ed 213, ECH 212.

3 credits

ECH 253 Parental, Staff and Community Involvement in Early Childhood

This course introduces the student to the knowledge, importance of, and techniques used for promoting good communication and relationships between parents, family members, staff and community. Emphasis will be given on strategies used to provide an optional environment for young children, particularly stressing resources for meeting problems through cooperative and positive interaction. The CDA functional area of families is covered in this course. Prerequisites: Ed 213, ECH 212.

3 credits

ECH 290 Special Topics in Early Childhood Education

Study problems, issues or trends in early childhood education.

1-3 credits

ECH 313 Seminar in Early Childhood Development

This course is designed to provide the student studies of the issues and problems confronting the early childhood professional including: curriculum planning, staff relations, ethical concerns, budget considerations and professional development. Topics concerning educating children with special needs (assessment, referral and educational developmental adaptations) are included. The functional areas and competencies of CDA are reviewed in this course content. Prerequisites: Ed 213, ECH 212

3 credits

ECH 323 Materials & Techniques for Infant, Toddler & Preschool Centers II

This course will help the student to develop more culturally relevant techniques and materials for the enhancement of physical, emotional and intellectual growth of the infant, toddler and preschool child. A study of the basic concepts, methods and materials of language arts, mathematics, science and social studies appropriate to young children will be investigated. Special emphasis on the learning importance of bulletin boards and learning centers are discussed. Exploring the concepts of play as the means for learning in early childhood will be included. Planning daily and weekly schedules are also included in this course content. Prerequisites: Ed 213, ECH 212, Engl 113.

3 credits

ECH 333 Resources and Research in Early Childhood Education

Students will examine current issues and trends pertaining to early childhood development. Students will explore topics in early childhood education in planned observations and sequence which includes research, field settings, visitations and discussions. The latest in early childhood curriculums, technology and other innovative and creative techniques will be included. How to better network available resources will be addressed. Prerequisites: Ed 213, ECH 212, Engl 113.

3 credits.

ECH 343 Group Structures and Interaction in Early Childhood Education

This course extends a basic understanding of child development and interactions of young children by examining developmental characteristics of infants, toddlers and preschoolers. Objective and subjective observations by utilizing various informal procedures will be studied in classroom settings. Special emphasis on classroom management and techniques will be discussed in depth. Prerequisites: EEd 213, ECH 212.

3 credits

ECH 353 Cultural Diversity in Early Childhood Education

This course offers students the opportunity to explore the broad range of cultural diversity in early childhood education, including language, ethnicity, socioeconomic levels and gender. Ways of meeting the needs of the infant, toddler, preschool child, family, staff and community based on the needs for diversity will be discussed. Method, techniques, and practical applications of cultural diversity within the early childhood curriculum will be addressed. Prerequisites: Ed 213, ECH 212.

3 credits

ECH 490 Special Topics in Early Childhood Education

Study problems, issues or trends in early childhood education.

1-3 credits



HUMAN SERVICES DEPARTMENT

Samuel S. Saunders, Ph.D., Psychology. Chair
John Bandy, Ph.D., Sociology
Darla Korol, M.S.W., A.C.S.W
Vacant, Psychology/Counseling
Paul Robertson, Ph.D., Anthropology

Wacanteognaka is a charge to Lakota leaders to hold the people in their hearts. The Human Services Department at Oglala Lakota College challenges students to hold the people in their hearts as they prepare themselves to work for and with the people. We are committed to providing students with the academic preparation they need for careers in service to children, families, and communities. We aim to graduate students who have a solid theoretical foundation, sound practical skills, and the leadership abilities they need to be successful in the helping fields. Our curriculum emphasizes theory, research, and application. Our interdisciplinary programs draw on sociology, psychology, political economy, social work, and Lakota culture.

DEGREES AND CERTIFICATES IN HUMAN SERVICES

The Human Services Department offers an Associate of Applied Science (A.A.S.) degree and a Bachelor of Science (B.S.) degree. The A.A.S. provides students with the skills and theoretical knowledge they need for support roles. The B.S. degree provides a background in social science, intense experience in a specific human service area, and sufficient flexibility to afford students the opportunity to investigate a range of offerings from other disciplines. It also provides excellent preparation for students planning to pursue advanced degrees.

The A.A.S. in Human Services requires 69 semester hours. Students have the option of pursuing either an elective track or the Chemical Dependency track. Students completing the Chemical Dependency track will have met the academic requirements for Level I CD certification.

The B.S. in Human Services requires 129 semester hours, including an 18 semester hour emphasis area drawn from one of the following: Community and Institutional Change, Family and Community Support, Chemical Dependency, or a Negotiated Option in an area of interest to the student. Normally students will select an emphasis area in consultation with the Human Services Department faculty by the time they reach Junior status, or after completing the A.A.S.

The *Wacanteognaka* Wicotawacin Zuni pi (Care Coordinator Mental Health) certification prepares students for entry-level positions as care coordinators in the mental health field. It includes 15 semester hours of course work and an additional 77 hours of seminars and workshops. It was developed in concert with the *Nagi Kicopi* (Calling the Spirit Back) project that serves children and families with serious emotional needs (aka serious emotional disturbance) on the Pine Ridge Reservation.

ABOUT OUR CURRICULUM

Our curriculum draws from the social sciences and from the helping fields. In addition to familiar courses in psychology, sociology, chemical dependency, and human services, we offer a number of courses that are tailored to meeting the special needs of learners and communities in a colonial setting that has produced a legacy of problems that the people are striving to remedy. Among those courses are Genocide and Colonization, Grieving and Healing, Peace and Justice Studies, Restorative Justice, and Decolonization and Liberation. Unique courses such as *Wicotawacin Zani Pi I and II* (Lakota Mental Health I & II) are the outgrowth of a growing cooperation between the Human Services Department and the Lakota community. In addition to the offerings in our catalog, we are committed to providing other courses of study that people in the community may request.

HUMAN SERVICES DEPARTMENT

Bachelor of Science (B.S.) in Human Services

A. Core (30 Credits)			where taken	date	grade
SpCm 103	Speech Communications ^{AAS}	3	_____	_____	_____
Engl 103*	Freshman English I ^{AAS}	3	_____	_____	_____
Engl 113*	Freshman English II ^{AAS}	3	_____	_____	_____
Humanities	Any Art, Music, Phil., Lakota Studies	3	_____	_____	_____
Literature	Any Literature course	3	_____	_____	_____
Math 134	Intermediate Algebra	3	_____	_____	_____
Computing	Hus 113, or IT 103, or CSC 113 ^{*AAS}	3	_____	_____	_____
Science*	Biology, Physics, or Chemistry ^{AAS}	3	_____	_____	_____
CoSu 103	College Success ^{AAS}	3	_____	_____	_____
Soc 103*	Intro to Sociology ^{AAS}	3	_____	_____	_____

B. Lakota Studies Core (15 Credits)

Lak 103	Lakota Language I ^{AAS}	3	_____	_____	_____
Lak 233*	Lakota Language II	3	_____	_____	_____
Lsoc 103	Lakota Culture ^{AAS} (or Lhist203, Lak. His.)	3	_____	_____	_____
Lpol 223*	Tribal Laws, Treaties, & Govt ^{AAS} (or LPol 313)	3	_____	_____	_____
Elective	Any Lakota Studies course	3	_____	_____	_____

C. Social Science Requirements (12 credits, C or better required)

Psy 103*	General Psychology ^{AAS}	3	_____	_____	_____
Soc 253*	Applied Statistics for Social Science	3	_____	_____	_____
History*	Any History course ^{AAS}	3	_____	_____	_____
Soc 223*	Genocide and Colonization ^{AAS}	3	_____	_____	_____

D. Professional Requirements (27 credits, C or better required)

CD 103*	Introduction to Alcoholism ^{AAS}	3	_____	_____	_____
Hus 223*	Wacanteognaka ^U ; Human Services ^{AAS}	3	_____	_____	_____
Psy 213*	Developmental Psychology	3	_____	_____	_____
Psy 233*	Interviewing and Counseling Skills ^{AAS}	3	_____	_____	_____
Soc 363*	Decolonization and Liberation	3	_____	_____	_____
Hus 333*	Conflict Management and Transformation	3	_____	_____	_____
Soc 263*	Participatory Action Research ^{AAS}	3	_____	_____	_____
Hus 213*	Specialty Internship I ^{AAS}	3	_____	_____	_____
Hus 413*	Specialty Internship II	3	_____	_____	_____

^U*Wacanteognaka: To be generous or affectionate but used here to convey a characteristic of respected Lakota leaders: iHe holds the people in his hearti*

Prerequisites required for courses marked with an asterisk* Courses required for A.A.S. degree marked with the superscript^{AAS} B.S. degrees require 129 hours total and A.A.S. degrees require 69 hours.

Students seeking a Bacheloris degree in Human Services MUST COMPLETE AT LEAST ONE of the 18 unit options listed below.

E. Elective Emphasis Area: YOU MUST COMPLETE AT LEAST ONE of the four options listed below.

1. Community & Institutional Change Option

This option prepares you to work for social change and toward reforming institutions and creating new ones in order to better serve the needs of the people and of the future generations. The emphasis is on theoretical knowledge and practical skills useful for creating social change. This course of study prepares you for entry-level Human Services careers. It is also a good choice if you are considering graduate education.

Community and Institutional Change option (18 units, grade of C or above required in each course)

Soc 383*	Social Policy	3	_____	_____	_____
Soc 433*	Peace and Justice Studies	3	_____	_____	_____
Soc 443*	Evaluation Research and Institutional Change	3	_____	_____	_____

Soc 453*	Restorative Justice	3	_____
Soc 373*	Community Development and Social Change	3	_____
Hus 353*	Issues, Ethics, and Advocacy	3	_____

2. Family and Community Support Option (18 units, grade of C or above required in each course)

This option provides you with the academic and experiential background you need to work creatively with families in crisis in resource-poor environments . The course of study provides you with the knowledge and skills you need to be a culturally sensitive human service worker who can fill a variety of roles in the work of supporting families and communities in need. Choose this option if you want strong academic preparation for dealing with the situations you will face if you work for tribal or non-tribal organizations that provide direct services to families and children. It also provides you with solid preparation for entry-level Human Service careers on and off the reservation.

Family and Community Support option

Psy 433*	Crisis Intervention	3	_____
Hus 343*	Wraparound and Circles of Care	3	_____
Hus 443*	Family Violence	3	_____
Hus 353*	Issues, Ethics, and Advocacy	3	_____
Soc 423*	Families in Social Context	3	_____
Psy 363*	Grieving and Healing	3	_____

3. Chemical Dependency Option (18 units, grade of C or above required in each course)

Choose this option if you want to work in the chemical dependency field. The emphasis of this option is on preparing you to work with chemically dependent persons in treatment facilities, in referral agencies, and in outpatient settings. This option meets the course requirements specified for the Academic Track for Chemical Dependency Certification for Levels II and III by Northern Plains Native American Chemical Dependency Association and the state of South Dakota.⁰ Note that while this option provides the required academic coursework for Certification, it does not fulfill the additional requirements for supervised work experience.

Hus 353*	Issues, Ethics, and Advocacy	3	_____
Hus 443*	Family Violence	3	_____
Psy 433*	Crisis Intervention	3	_____
CD 403*	Continuum of Care	3	_____
Psy 323*	Methods of Counseling	3	_____
CD 203*	Family Counseling and Chemical Dependency	3	_____

⁰*Please note well: To meet Level I Chemical Dependency Certification requirements for the Academic Track you must also take CD 223 (Native American Substance Abuse) and CD 343 (Methods of Group Counseling).*

4. Negotiated option (18 units, grade of C or above required in each course)

This option provides you with an opportunity to pursue goals that the Human Services Department's other options do not meet. To pursue this option, negotiate a plan with the Human Services Department.

_____	3	_____
_____	3	_____
_____	3	_____
_____	3	_____
_____	3	_____
HUS 353* Issues, Ethics, and Advocacy	3	_____

F. Electives

27 semester hours (units) total. Students are encouraged to take 300 and 400 level electives. Remember that 36 hours in the degree must be at 300 or 400 level. Courses numbered below 100 do not count toward degree requirements.

_____	3	_____
_____	3	_____
_____	3	_____
_____	3	_____
_____	3	_____
_____	3	_____
_____	3	_____
_____	3	_____
_____	3	_____
_____	3	_____

HUMAN SERVICES DEPARTMENT
Associate of Applied Science (A.A.S.) in Human Services

1. Core (24 Credits)

		where taken	date	grade
SpCm 103	Speech Communications	3	_____	_____
Engl 103*	Freshman English I	3	_____	_____
Engl 113*	Freshman English II	3	_____	_____
Math 103*	Elementary Algebra	3	_____	_____
Computing	HUS 113, IT 103, or CSC 113*	3	_____	_____
Science*	Biology, Physics, or Chemistry	3	_____	_____
CoSu 103	College Success	3	_____	_____
Soc 103	Introduction to Sociology	3	_____	_____

2. Lakota Studies Core (9 Credits)

Lak 103	Lakota Language I	3	_____	_____
LSoc 103	Lakota Culture (or Lhist 203, Lak. His.)	3	_____	_____
LPol 223*	Tribal Laws, Treaties, & Govt (or LPol 313, Indian Law)	3	_____	_____

3. Social Science Requirements (9 credits, C or better required)

Psy 103*	General Psychology	3	_____	_____
History*	Any history course	3	_____	_____
Soc 223*	Genocide and Colonization	3	_____	_____

4. Professional Requirements (15 credits, C or better required)

Hus 223*	Wacanteognaka ^U . Human Services	3	_____	_____
Psy 233*	Interviewing and Counseling Skills	3	_____	_____
Soc 263*	Participatory Action Research	3	_____	_____
CD 103	Introduction to Alcoholism	3	_____	_____
Hus 213*	Specialty Internship I	3	_____	_____

^U*Wacanteognaka: To be generous or affectionate but used here to convey a characteristic of respected Lakota leaders: iHe holds the people in his hearti*

NOTE: BE SURE TO COMPLETE ITEM 5 OR ITEM 6 BELOW FOR THE A.A.S. DEGREE

5. Electives (12 units, 100 level or above - Students seeking Level I Chemical Dependency Certification complete item 6 below instead of Item 5.)

	3		
	3		

_____ 3 _____
 _____ 3 _____

6. Level I Chemical Dependency Certification requirements (Complete the following courses for Level I Chemical Dependency Certification. The following courses meet the Academic requirements for Level I CD Certification by Northern Plains Native American Chemical Dependency Association and the state of South Dakota, but not the work experience requirement.)

CD	113*	Introduction to Drug Abuse	3 _____
CD	223*	Native American Substance Abuse	3 _____
CD	343*	Methods of Group Counseling	3 _____
Hus	353*	Issues, Ethics, and Advocacy	3 _____



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HUMAN SERVICES DEPARTMENT
Wacante ognaka Wicotawacin Zani pi
Care Coordinator/Mental Health Certification

1. Core (15 Credits)	where taken	date	grade
HUS 223* Wacanteognak: Human Services	3	_____	_____
CD 203* Family Counseling and Chemical Dependency	3	_____	_____
HUS 233* Wicotawacin Zani pi I Lakota Mental Health I	3	_____	_____
HUS 323* Wicotawacin Zani pi II Lakota Mental Health II	3	_____	_____
HUS 343* Wraparound and Circles of Care*	3	_____	_____

*Qualified wraparound trainers need not take HUS 343 for purposes of this Certification

2. Seminars and workshops (77 hours)

Psychology and Development of Children and Youth 2 days (14 hours)	_____
Suicide prevention, intervention, and survival 2 days (14 hours)	_____
Cultural oppression, historical trauma and unresolved grief 2 days (14 hours)	_____
Children's mental health on Pine Ridge Reservation Treatment, mediation, and the DSMIV 2 days (14 hours)	_____
CPR and First Aid 1 day (7 hours)	_____
Managing aggressive behavior 1 day (7 hours)	_____
IDEA (Individuals with Disabilities Education Act) & Advocacy 1 day (7 hours)	_____



Chemical Dependency (Formerly Alcohol and Drug Abuse Studies)

†

CD 100 Alcohol/Drug Abuse Workshop (Formerly ADAS 100)

The department provides workshops on various topics in the field of chemical dependency for students and community members. Workshops are scheduled according to demand and include such diverse topics as ethics, residential care procedures, approaches to intervention, symptoms of drug and alcohol addiction, and aftercare. 1-3 credits.

†

CD 103 Introduction to Alcoholism (Formerly ADAS 103)

This course introduces the study of alcoholism and the wide range of current approaches to treating and preventing it. It surveys the symptoms and effects of alcohol and abuse and addiction and introduces leading theoretical models of alcohol addiction. It affords students the opportunity to assess their learning in relation to the phenomena of alcohol abuse and addiction in their communities.

Prerequisites: R&W 093 or higher. 3 credits

†

CD 113 Introduction to Drug Abuse (Formerly ADAS 113)

Introduces the fascinating study of a wide range of mood-altering chemicals, both legal and illegal. The course includes a survey of the symptoms that drugs produce, and information about their effects on individual functioning. The course explores differing approaches to treating and preventing drug abuse and considers their applicability to the Lakota community. Prerequisites: R&W 093 or higher.

3 credits.

†

CD 203 Family Counseling and Chemical Dependency (Formerly ADAS 203, Alcohol, Families and Relationships)

This course focuses on the effects of alcoholism and drug abuse on families. The special needs that alcoholism and drug abuse give rise to for individuals and family systems are covered in detail as well as methods for addressing those needs. Those include self-help techniques for family members, proven techniques for family interventions, and practical methods for helping the active alcohol or drug abuser. Prerequisites: PSY 103 and either CD 103 or CD 113 or instructor permission.

3 credits

†

CD 223 Native American Substance Abuse (Formerly ADAS 223, Alcohol and Drug Abuse Among American Indians)

You study the scope, causes, consequences, and strategies for addressing alcohol and drug addiction in Native American communities. You learn about the historical introduction of alcohol and drugs into native communities and about the consequences for individuals, families, and communities. You examine strategies for prevention and intervention and compare mainstream practices with those that have been developed specifically for use by Native Americans. You consider the applicability of what you learn to your community.

Prerequisite: CD 103 or CD 113 or instructor permission.

3 credits.

†

CD 290 Special Topics in Chemical Dependency

Provides you with the opportunity for in-depth study of a special interest area in the field of chemical dependency. Prerequisite: Instructor's permission.

CD 343 Methods of Group Counseling (Formerly PSY 343/ADAS 343, or ADAS 243)

This course covers group leadership skills and various therapeutic techniques of group counseling through lecture and practical application. It focuses particularly on learning about the dynamics of group therapy as a helping and healing process. It covers theories that apply to groups and to addictions work. It introduces related topics of research, ethics, planning, leadership styles, multicultural considerations, and relevant Lakota practices. Prerequisites: CD 103, CD 113, and PSY 233. 3 credits

CD 403 Continuum of Care

Engages students in the study of the relationships between intake, case management, discharge planning and clinical record keeping. Students learn how to implement treatment plans used in addictions counseling, and about screening, assessment and evaluation procedures. Other topics covered include relapse, including its relationship to the recovery process, and the role of the counselor in relapse prevention. This course includes the study of treatment services provided to Native Americans, including the Lakota people. Prerequisites: PSY 323 or equivalent experience plus instructor permission.

3 credits

†

HUMAN SERVICES

†

HUS 213 Specialty Internship I

Internships afford students the opportunity to apply what they learn in coursework to an actual on-the-job situation. Student interns learn first-hand what it is to work in the field of Human Services by working 120 hours for a program that is actually providing services to the community. Students analyze their internship experience in relation to personal goals, career goals, and their academic preparation. Prerequisite: SOC 103, HUS 223, PSY 223.

1-6 credits

†

HUS 223: Wacanteognaka: Human Services

This gateway course introduces the Human Services fields and considers the relation of the helping professions to the Lakota virtue of wacanteognaka, which signifies holding the people in one's heart. Course content includes an overview of the historical development of the helping professions, their legislative underpinnings, and their changing purposes. The course affords students the opportunity to examine the array of services available on the Pine Ridge Reservation and to assess them in relation to widespread practices in the Human Services field and to models of service provision predicated on a Lakota foundation. Students in this course discuss and explore basic human service competencies, including ethics, values, documentation, sensitivity to diverse clients and cultural differences, and professional behavior. Prerequisite: CoSu 103.

3 credits

†

HUS 233 Wicotawacin Zani Pi I (Lakota Mental Health I)

This course introduces basic Lakota principles and beliefs for helping people with mental health needs. Students learn about star knowledge, sacredness of the child, Lakota stages of development, seven sacred ceremonies, spiritual and natural laws, and the Lakota creation story. Students also learn about the Inipi (purification ceremony) and its role in helping families and children with serious emotional needs. The course emphasizes application of Lakota knowledge and practices in work with children and families. Prerequisite: PSY 103 or HUS 223 or instructor permission.

3 credits

HUS 323 Wicotawacin Zani Pi II (Lakota Mental Health II)

This course emphasizes specific features of Lakota culture and social organization. Students consider their role or possible role in work with families and children. Course content includes Lakota methods for diagnosing, managing, and caring for persons with mental and emotional illnesses, including illnesses specific to Lakota people that are not recognized by western psychology. Lakota approaches to suicide prevention and intervention are contrasted to those of western practice. Tiospaye (extended family) structure, Lakota parenting practices, Lakota custom law and ethics, and traditional Lakota assessment protocols are also covered. Prerequisite: HUS 233 or instructor permission.

3 credits

†

HUS 333 Conflict Management and Transformation

This course draws on insights from the social sciences and from indigenous knowledge in its exploration of the causes of conflict and violence at the interpersonal, small group, organizational, national, and international levels. Students examine the potentials of mediation, nonviolence, and indigenous peacemaking for maximizing the opportunities and minimizing the dangers that such conflicts present. Extensive role playing and other hands-on techniques are used extensively in order to develop skills for dealing with conflict at the interpersonal and small group levels. Prerequisite: PSY 103 or SOC 103.

3 credits

†

HUS 343 Wraparound and Circles of Care

The goal of this course is to teach students to assess the strengths of families and communities and to apply the wraparound process in the Lakota nation. Students study and practice the wraparound process, an approach to meeting the needs of children and families in ways that can be compatible with natural Lakota systems of care. The course includes the study of the conceptual framework for the wraparound process and evaluation of some of the projects that use it in work with families and children. It aims to develop the necessary skills for facilitation of the wraparound process. Prerequisite: HUS 223 or instructor permission.

3 credits

†

HUS 353 Issues, Ethics, and Advocacy

Introduces ethical issues that workers in human services and other fields regularly encounter in their professional and personal lives. It examines issues of particular concern to chemical dependency workers, counselors, teachers, government officials, board members program directors, and business professionals. Topics include confidentiality, counselor-client privilege, conflict of interest, whistle blowing, abuse of power, and public accountability. Students in this course engage in intensive discussions of power, freedom, truth, and values that draw on insights from philosophy, social science, and Lakota teachings. They are also expected to critically examine the role of advocacy in addressing ethical issues and in insuring that those in need of services attain what is rightfully theirs. Prerequisite: HUS 223 or PSY 233 or instructor permission.

3 credits

†

HUS 413 Specialty Internship II

Students gain first-hand work experience in a Human Services field when they are nearing completion of the BS degree in Human Services. This second internship provides you with an opportunity to engage in substantive work in the Human Services field. You work under supervision, analyze your experience, and evaluate its significance. Prerequisites: HUS 213 and Senior standing.

1-6 credits

HUS 443 Family Violence

Students in this course study violence within family and kinship systems across the human life-span. They learn about causes of violence, and about how to identify, treat, and intervene in instances of abuse of infants, children, spouses, parents, and elders. They also examine legislation that addresses family violence, including the Indian Child Welfare Act. The course explores family violence cross-culturally and among the Lakota. Course Prerequisites: Hus 223 (SOC 423 recommended) or instructor permission.

3 credits

†

HUS 483 Senior Seminar

Affords students the opportunity to integrate undergraduate experience in preparation for entry into a Human Services career or graduate school. Requires students to research Human Services topics, develop resumes, and to write a final paper that links Human Services practice with the Lakota perspective. Prerequisite: Senior standing in Human Services program.

†

Psychology

†

PSY 103 General Psychology

Introduces the study of human behavior from the perspective of psychology. Surveys the various theoretical schools in psychology and some of the findings made by its practitioners. Topics include methods psychology uses to learn about human behavior, and technical vocabulary used in the discipline. The course builds critical thinking skills through its emphasis on evaluating the evidentiary bases of behavior. Many examples and illustrations are taken from the Lakota experience. Prerequisites: Engl 103.

†

PSY 213 Developmental Psychology

This course surveys the processes of change throughout the individual human life-span, from conception to death. It introduces various perspectives on human development from the fields of psychology, education, and indigenous knowledge, including Lakota concepts. It examines methods used to study human development, and explores special problems inherent in developmental research. Prerequisite: PSY 103.

3 credits

†

PSY 233 Interviewing and Counseling Skills

This course provides a foundation in basic techniques of interviewing and elements of counseling. It emphasizes the skills, awareness and techniques that are needed in effective interviewing and counseling. Topics include chemical dependency assessment and treatment, and counselor interventions. Philosophical, ethical, and multicultural considerations that counselors regularly encounter in their professional practice are covered in detail. Prerequisite: PSY 103 and CD 103 or 113, HUS 223.

3 credits

†

PSY 290 Special Topics in Psychology

Special Topics offerings afford students an opportunity for in-depth study of a special interest area in Psychology. Prerequisite: Instructor's permission.

1-3credits

†

PSY 323 Methods of Counseling

This course introduces current theories of interviewing and counseling and emphasizes the role of the counselor in the counseling process. It builds on the basic skills students develop in PSY 233 and helps student develop a personal approach to counseling that incorporates those aspects of systems and theories that compliment their world views and personal styles. Presentation is both didactic and experiential, and includes consideration of the Lakota cultural context. Prerequisites: PSY 233, HUS 223.

3 credits

†

PSY 363 Grieving and Healing

This course builds on the counseling skills students develop in PSY 233 and emphasizes the development of skills that address the full range of grief experiences. Topics include elements of the mourning process, recent research on the effectiveness of various interventions, and major findings in the literature on grief, dying, death, bereavement, mourning, historical trauma, religion, and spiritually. Traditional Lakota ways of addressing grief and healing are included. Prerequisites: PSY 233, or experience in a helping field, or instructor permission.

3 credits

†

PSY 423 Theories of Normal and Abnormal Personality

This course provides a review of theories aimed at explaining the development of the human personality the effects of environmental and physiological factors on development, and assessment techniques including the Diagnostic and Statistical Manual of the American Psychiatric Association. Prerequisite: PSY 103, PSY 213, PSY 233.

3 credits

†PSY 433: Crisis Intervention

This course emphasizes the handling of crisis situations and the development of crisis management skills for working with individuals, families, groups and communities. Topics include critical incident stress debriefing, crisis intervention approaches used cross-culturally, and those used in Lakota and other Native American communities. Prerequisite: PSY 233 or equivalent or instructor permission.

3 credits

†

PSY 490 Special Topics in Psychology

Engages students in extensive research and study of a special interest area in Psychology. Prerequisite: Instructor's permission.

1-3 credits

†

Sociology

†

Soc 103 Introduction to Sociology

This course encourages students to develop a sociological imagination. It critically examines the societies that human beings have created. It surveys the major issues sociologists study and the methods theories they use to study them. Those issues include gender and sex roles; socialization and politics; race and ethnicity; crime and drugs; poverty and homelessness and social class and inequality. Students will consider whether sociological methods, insights, and theories are useful for understanding their lives and communities. Prerequisites: R&W 093 or higher.

3 credits

Soc 223 Genocide and Colonization (Formerly SOC 233 Reservation Political Economy)

This course introduces the study of genocide, European colonization and globalization, especially the experiences of native peoples in the Western Hemisphere. Topics include the fur and hide trade, colonialism, indigenous resistance, slavery, ecological crisis, and environmental racism. The meaning and significance of the imposition of U.S. colonial rule on reservations on the northern plains is emphasized in detail. The course introduces students to the role of multinational corporations, the World Bank, International Monetary Fund, and World Trade Organization in shaping the global economy. It also covers theories of development including world-system theory and the sociology of globalization. Prerequisite: Sociology 103 or any of the following: Any economics course, LPol course, any LHist course, or any history or political science course.

3 credits

Soc 253 Social Science Statistics

This course provides an introduction to statistics with emphasis on the social sciences. On successful completion of the course, the student should be aware of common descriptive statistics and graphical procedures. The student should develop an understanding of the basics of statistical inference, be aware of some common inferential statistical procedures used in the social the social sciences, and be able to read and interpret statistical information. Prerequisites: Math 103 with grade of B or higher.

3 credits

†

Soc 263 Participatory Action Research

This course engages students in a collective research project aimed at creating in the community. It emphasizes the development of basic research skills and emphasizes use of research results in planning and organizing actions aimed at altering the balance of power. Students in this course are expected to participate in a variety of actions, including planning and hosting meetings, interviewing community members, speaking in public, and engaging in direct action. Prerequisite: SOC or any of the following: PSY 103, Econ 203, Econ 213, LSOC 103, or instructor permission.

3 credits

Soc 290 Special Topics in Sociology

This course provides the opportunity for in-depth analysis of a special interest area in Sociology. Prerequisite: Instructor's permission.

3 credits

†

Soc 353 Race and Ethnic Relations

This course provides the opportunity to analyze interethnic relations within the United States and worldwide. It examines historical sequences and sociological realities as they manifest themselves in interpersonal relationships and social structures. The situation of Native Americans in the U.S. is emphasized with empirical information drawn from Pine Ridge Reservation. Prerequisites: SOC 103, PSY 103.

3 credits

†

Soc 363 Decolonization and Liberation (Formerly SOC 333, iScience for Humane Survival)

This course surveys the historic and ongoing struggles of indigenous and other peoples to decolonize and to affirm their sovereign rights over their lands, languages, and cultures. It uses an interdisciplinary approach to study liberation struggles waged by peoples to free themselves from the yoke of European colonization. It surveys recent and ongoing struggles of Lakotas and other Native Americans for treaty rights and human rights, including the struggles for the return of the sacred Black Hills. It also examines the goals, strategies, and tactics of the developing international movement that is challenging the direction of the globalizing world economy and assesses the relationship between that movement and the aspirations of indigenous peoples who are working toward self-determination. Prerequisite: SOC 223 or LHist 213 (Note: Makoce Ta Wowasake, formerly listed as SOC 363, is not equivalent to Decolonization and Liberation.)

3 credits

†

Soc 373 Community Development and Social Change

This course introduces the theory and methodology (praxis) of substantial and humane community development. It addresses various components of community development, including land and housing, business and economic development, cultural and social development, energy and transportation systems, and environmental impact. Case studies focusing on the experience of indigenous and other communities that have engaged in innovative locally controlled community development efforts to the Lakota community. Prerequisite: Any 200 level or higher Soc, Hus, CD, Psy, or Econ course with grade of C or better or permission of the instructor.

3 credits

†

Soc 383 Social Policy

This course emphasizes research, analysis, and creation of social (public) policy. Students develop practical skills for influencing and creating legislation at the tribal, state, federal and international levels as they study policies that impact poverty, income inequality, race relations, health care, taxation, employment, and the environment. There is a strong emphasis on policies that affect treaty and aboriginal rights. Prerequisite: SOC 223 or LPol 223.

3 credits

Soc 423 Families in Social Context

This course introduces the study of the family and family life cross-culturally and historically. It explores theoretical perspectives on the family, including systems theory, feminism, resource theory, and Marxism. Topics include kinship, gender, courtship, parenting, family violence, and divorce. Students are expected to critically apply coursework to their own experiences and to that of the Lakota community. Prerequisites: SOC 103, PSY 213.

3 credits

†

Soc 433 Peace and Justice Studies

This course examines the use of a variety of nonviolent approaches, including the Lakota practice of wolakota (peace) to address injustice and to promote social change. It considers the contributions and influence of peace workers including Mohandas Gandhi, Thomas Merton, and Martin Luther King Jr., and considers how to advance peace and justice in the face of inequitable social structures that are institutionally racist and sexist. Prerequisite: SOC 363.

3 credits

†

Soc 443 Evaluation Research and Institutional Change

This course aims to develop research skills and practical knowledge that can be used to help modify reform, and improve existing practices in schools, businesses, service delivery programs, and government bureaucracies. The emphasis is on learning to evaluate programs and institutions in order to change them. Students learn how to use evaluation research to facilitate needed program modifications and improvements, and how to monitor and evaluate the performance of any changes that are made. Content includes consideration of a range of techniques, including quantitative and qualitative research methods and approaches that employ participatory research. Prerequisites: PSY 103, SOC 103, and SOC 253.

3 credits

†

Soc 453 Restorative Justice

Introduces restorative justice, an exciting approach for addressing conflict and crime that is heavily influenced by indigenous practices. Topics include the basic restorative justice processes of mediation, family group conferencing, circles, restitution, and community service. The standard approach to justice that emphasizes punishment and retribution is compared to the restorative approach that emphasizes healing and restoring the balance that has been disrupted by conflict and crime. There is an emphasis on application of restorative justice to work with young people in schools and to its use as a diversionary program, within the criminal justice system. The relationship of restorative justice to historical and contemporary Lakota cultural practices is considered. Prerequisite: Hus 333 or instructor permission.

3 credits

†

Soc 490 Special Topics in Sociology

Engages students in intensive research and report writing on special interest areas in the field of Sociology. Prerequisite: Junior or Senior standing and instructor permission.

1-3 credits.



DEPARTMENT OF INFORMATION TECHNOLOGY

Andy Conrad, Information Technology Chairperson
Brett Bump, Information Technology

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

It has been estimated that by the year 2004 there will be a shortage of over 1 million IT professionals in the United States. Many positions on the Pine Ridge Reservation will need to be filled by qualified IT personnel. Our goal is to fill these positions with our Native American graduates. The Department of Information Technology Bachelor degree program will give you the necessary background and experiences to become a successful IT Systems Engineer.

ASSOCIATE OF ARTS IN INFORMATION TECHNOLOGY

The AA in Information Technology degree is designed to prepare students to track into OLC's four-year IT program, transfer to an IT degree at another four-year institution, or to further employment opportunities. This degree will give you the necessary background to become a successful IT - Systems Technician.

IT COURSE SCHEDULE FOR AA								
		<u>Core Classes</u>	<u>Hours</u>	<u>Hours</u>	<u>IT</u>	<u>Hours</u>	<u>Total Hours</u>	
Freshman	1st Semester	Math 154	4	3	ET 101	1		
		Engl 103	3		IT 103	3		
					IT 113	3		
			Humanities	3		IT 290a	1	21
	2nd Semester	CoSu 103	3	3	IT 134	4		
				Natural Sci.		IT 153	3	
					IT 290b1	q	17	
Sophomore	1st Semester	SpCm 103	3	3	IT 203	3		
					IT 224	4		
					IT 243	3		
					IT 290c	1	17	
	2nd Semester	Phy 103	3	3	IT 253	3		
		Sci 113	3		IT 263	3		
					IT 273	3		
					IT 290d	1	19	
		Grand Total	25	15		34	74	

IT COURSE SCHEDULE FOR BS

		Core Classes	Hours	Hours	IT	Hours	Total Hours	
Freshman	1st Semester	Math 154	4		IT 113	3		
		IT 103	3		IT 290a	1		
		Engl 103	3		ET 101	1		
	2nd Semester	CoSu 103	3	6	IT 153	3		
					IT 134	4		
					IT 290b	1	17	
Sophomore	1st Semester	Psy 103	3	3	IT 203	3		
					IT 224	4		
					IT 243	3		
					IT 290c	1	17	
	2nd Semester	Sci 113	3	3	IT 253	3		
					IT 224	4		
					IT 243	3		
					IT 290c	1	16	
Junior	1st Semester	Soc/Psy/Hist	3	3	IT 333	3		
					IT Electives	3		
					IE 490a	1	14	
	2nd Semester	SpCm 103 Humanities	3 3			IT 343	3	
						IT Electives	3	
						IT 490b	1	16
Senior	1st Semester	Human Elect.	3		IT 423	3		
					IT 474	4		
					IT Electives	6		
					IT 490c	1	16	
	2nd Semester	Natural Sci.	3			IT 453	3	
						IT Electives	6	
					IT 490d	1	14	
Grand Total			34	15		85	134	

INFORMATION TECHNOLOGY DEPARTMENT
Bachelor of Science (B.S.) in Information Technology - Engineer

		Where Taken	Date	Grade
1. Core Requirements: (34 Credits Total)				
CoSu 103	College Success	3	_____	_____
Engl 103*	Freshman English I	3	_____	_____
Sci 113*	Technical Writing	3	_____	_____
SpCm 103	Speech Communications	3	_____	_____
Math 154*	College Algebra (or above)	4	_____	_____
IT 103	Theory of Computational Devices	3	_____	_____
	Natural Science Electives	3	_____	_____
	Soc/Psy/Hist Social Science Electives	3	_____	_____
Psy 103*	General Psychology	3	_____	_____
	Humanities Electives	6	_____	_____
2. Lakota Studies Requirements: (15 Credits Total)				
Lak 103	Lakota Language I	3	_____	_____
Lak 233	Lakota Language II	3	_____	_____
LSoc 103	Lakota Culture (or LHist 203 Lakota History I)	3	_____	_____
	Lakota Studies Elective	6	_____	_____
3. IT Requirements (64 Credits total)				
ET 101	Introduction to Distance Education	1	_____	_____
IT 113	Command Line Interface	3	_____	_____
*IT 134	A+ Certification	4	_____	_____
*IT 153	Survey of Operating Systems	3	_____	_____
*IT 203	Programming	3	_____	_____
*IT 224	PC Design and Assembly	4	_____	_____
*IT 243	Introduction to Networks	3	_____	_____
*IT 253	Supporting Workstations	3	_____	_____
*IT 263	Discrete Structures	3	_____	_____
*IT 273	Technical Business Administration	3	_____	_____
*IT 333	Network Administration	3	_____	_____
*IT 343	Application Software TnT	3	_____	_____
*IT 363	Implementing and Administrating Web Servers	3	_____	_____
*IT 404	Network Protocols	4	_____	_____
*IT 423	Supporting Network Operating Systems	3	_____	_____
*IT 453	Network Security	3	_____	_____
*IT 474	Network Analysis	4	_____	_____
IT 290a	Internship in Information Technology	1	_____	_____
IT 290b	Internship in Information Technology	1	_____	_____
IT 290c	Internship in Information Technology	1	_____	_____

IT 290d	Internship in Information Technology	1 _____
IT 490a	Internship in Information Technology	1 _____
IT 490b	Internship in Information Technology	1 _____
IT 490c	Internship in Information Technology	1 _____
IT 490d	Internship in Information Technology	1 _____

5. IT Electives (21 Credits)

*Soc 233	Genocide and Colonization	3 _____
*Math 194	Calculus I	3 _____
*IT 303	Intro to UNIX	3 _____
*IT 313	UNIX Shell Programming	3 _____
*IT 353	Internet Technologies	3 _____
*IT 373	Web Design Fundamentals	3 _____
*IT 383	Current Topics in Information Technology	3 _____
*IT 414	Advanced NT	4 _____
*IT 433	Supporting Windows NT Workstation	3 _____
*IT 443	Advanced UNIX	3 _____
*IT 502	MSCE Certification Core Test #1	2 _____
*IT 512	MSCE Certification Core Test #2	2 _____
*IT 522	MSCE Certification Core Test #3	2 _____
*IT 532	MSCE Certification Elective Test #1	2 _____
*IT 542	MSCE Certification Elective Test #2	2 _____

134 Hours Total



INFORMATION TECHNOLOGY DEPARTMENT
Associate of Arts (A.A.) in Information Technology –Technician

		Where Taken	Date	Grade
1. Core Requirements: (25 Credits Total)				
CoSu 103	College Success	3	_____	_____
Engl 103*	Freshman English I	3	_____	_____
Sci 113	Technical Writing	3	_____	_____
SpCm 103	Speech Communications	3	_____	_____
Math 154	College Algebra (or above)	4	_____	_____
	Natural Science Elective	3	_____	_____
	Humanities Electives	3	_____	_____
Psy 103	Psychology	3	_____	_____
2. Lakota Studies Requirements: (15 Credits Total)				
Lak 103	Lakota Language I	3	_____	_____
Lak 233*	Lakota Language II	3	_____	_____
LSoc 103	Lakota Culture (or LHist 203 Lakota History I)	3	_____	_____
	Lakota Studies Elective	6	_____	_____
3. IT Requirements (37 Credits total)				
ET 101	Introduction to Distance Education	1	_____	_____
IT 103	Theory of Computational Devices	3	_____	_____
IT 113	Command Line Interface	3	_____	_____
IT 134	A+ Certification	4	_____	_____
IT 153	Survey of Operating Systems	3	_____	_____
IT 203	Programming	3	_____	_____
IT 224	PC Design and Assembly	4	_____	_____
IT 243	Introduction to Networks	3	_____	_____
IT 253	Supporting Workstations	3	_____	_____
IT 263	Discrete Structures	3	_____	_____
IT 273	Technical Business Administration	3	_____	_____
IT 290a	Internship in Information Technology	1	_____	_____
IT 290b	Internship in Information Technology	1	_____	_____
IT 290c	Internship in Information Technology	1	_____	_____
IT 290d	Internship in Information Technology	1	_____	_____

77 Hours Total



COURSE DESCRIPTIONS

ET 101 Introduction to Distance Education

In this mini-course you will learn about online courses. You will learn what computer and computer skills are required to be successful at online classes. You will learn how to use OLC's course management system. You will also learn email etiquette, Internet netiquette, how to use online reference materials, copyright issues and online troubleshooting techniques. You will also learn about the study skills needed for online learning. This mini-course is a prerequisite of all online classes.

1 credit

SCI 113 Technical Writing

You will learn the essentials of writing clear, concise proposals, reports, technical manuals, letters, memos, bid specifications, and other technical documents. (This course DOES NOT satisfy the Engl 113 requirement for non Science, Math and Technology programs.) Prerequisites: Engl 103.

3 credits

IT 103 Theory of Computational Devices

You will have a close look inside today's personal computers. You will see what makes computers tick from transistor basics up to accessing the Internet. Detail will be given on all the essential components within a PC and how they interact. This class also addresses the latest aspects of computer technology (e.g., DVD) and how they affect computer use and operation. Presentations of actual hardware (VLSI integrated circuits, modems, etc.) are included so that you can visually appreciate the complexity of the circuitry involved. Copyright issues and ethics involved with computer operations will be discussed.

3 credits

IT 113 Command Line Interface

In this class, you will focus on command-line interface concepts. Topics will include directory hierarchy, I/O redirection, pipes, variables and related commands. Operating systems will include Disk Operating System and UNIX.

3 credits

IT 134 A+ Certification

This course will prepare you to pass the A+ certification exams as required to become a computer service technician. You are prepared for the A+ exam in areas like assembly and disassembly of PCs, diagnosing and troubleshooting, basic networking, Windows and DOS. Prerequisites: IT 113, permission of instructor. (3,2)

4 Credits

IT 153 Survey of Operating Systems

You will explore the differences between popular operating systems offered in today's marketplace. OSs include, but not limited to Windows and UNIX. Prerequisites: IT 103, permission of instructor. (2,2)

3 Credits

IT 203 Programming

You will be exposed to the fundamental concepts of problem solving and developing program logic using tools and techniques of programming. Topics include algorithm development, diagramming and program documentation and incorporating a programming language for hands-on application of programming concepts. C++ will be from UNIX. Prerequisites: IT 113, Math 154, permission of instructor. (2,2)

3 Credits

IT 224 PC Design and Assembly

Participants will be able to identify essential components of a typical PC system and how they interact with each other. By the end of the semester, participants will be able to construct a working PC system complete with operating system. Prerequisites: IT 134, permission of instructor. (2,4)

4 Credits

IT 243 Introduction to Networks

Physical and logical network topologies, transmission media and network access will be examined. Hardware and software network configurations, operations and requirements will be discussed. Topics include communication codes, transmission media, encoding methods, the OSI model, network standards and protocols. Copyright issues and ethics involved with computer operations will be discussed. Prerequisites: IT 103, permission of instructor.

3 Credits

IT 253 Supporting Workstations

Focuses on the skills necessary to install and manage a GUI workstation environment. The basic areas you will cover include installation and configuration, architectural overview, user interface, memory management, file I/O, network administration, communications and printing, disk utilities, troubleshooting, and multimedia. Linux and Windows XX systems will be used. Prerequisites: IT 134, permission of instructor. (2,2)

3 Credits

IT 263 Discrete Structures

This course covers fundamental topics in data structures and discrete mathematics. The topics are presented in an integrated manner that provides the discrete math foundations for data structures and computing applications of discrete mathematics concepts. Topics covered include stacks, queues, linked lists, trees, algorithms for searching and sorting, finite state automata, and concepts of computability and decidability. Topics from discrete math include sets and various types of relations (functions, graphs, trees, lattices), recursion and inductive proofs, Boolean logic, relational algebra, predicate calculus, series and limits, and asymptotic behavior of searching and sorting algorithms. Programming exercises are assigned throughout the course. Prerequisites: Math 154, IT 203, permission of instructor.

4 Credits

IT 273 Technical Business Administration

Grant writing, product procurement and budgets will be discussed as it applies to the Information Technology professional. You will also be shown the part personal finances play in post-graduation life. Copyright issues and ethics involved with computer operations will be discussed. Prerequisites: SCI 113, permission of instructor.

3 Credits

IT 290a, IT 290b, IT 290c, IT 290d, IT 490a, IT 490b, IT 490c, IT 490d Internship in Information Technology

This course will be offered each semester. It is designed to introduce you to the rigors of being an Information Technology professional. You are expected to work 40 hours during the semester for each hour of credit. Up to 2 credits can be earned per semester. Prerequisites: permission of instructor.

1 - 2 credits

IT 303 Intro to UNIX

You will be given an introduction to UNIX operating system with specific reference to UNIX commands, the Unix file structure, editors, and shell programming. Includes an introduction to system administration and security. Prerequisites: IT 113, IT 223, permission of instructor. (2,2)

3 Credits

IT 313 Unix Shell Programming

UNIX is a versatile multi-user, multitasking operating system. UNIX has a structural software tool design philosophy that is essential for producing reliable, maintainable, and portable programs. You will cover the essential aspects of UNIX Shell programming such as the Bourne shell and shell scripts. In this class you will learn to manage UNIX files and directories using the UNIX shell commands, work with shell variables, metacharacters and regular expressions, use shell commands to redirect input, output and error messages, and archive files in the background and write different types of shell scripts. Prerequisites: IT 113, permission of instructor. (2,2)

3 Credits

IT 333 Network Administration

This course will acquaint you to a network environment and to provide basic entry-level skills in network administration. Hands-on exercises will allow you to become familiar with popular network operating systems management utilities including printing services, storage devices and setup of networking protocols.

Prerequisites: IT 253, permission of instructor. (2,2)

3 Credits

IT 343 Application Software TnT

This course will help you to develop problem-solving tactics to help end users overcome difficulties with their application program. Training aspects and how you can take a proactive approach for training end users on application programs will be investigated. Prerequisites: SCI 113, IT 253, permission of instructor.

3 Credits

IT 353 Internet Technologies

This course is aimed at giving you a comprehensive overview of Internet technologies. You will learn about the history of the Internet, how to use a wide array of Internet technologies, Internet trends and current issues relating to the Internet. Students will also learn the key skills required to create attractive, well-designed, secure WEB sites that meet the goals of a business organization. Prerequisites: IT 253, permission of instructor. (2,2)

3 Credits

IT 363 Implementing and Administrating Web Servers

In this course you will learn the fundamentals of designing, installing, configuring, maintaining and upgrading your web site. Protocols that will be covered include SNMP, SMTP, Certificate, Index, FTP, HTTP, SSL, CGI, SHTML, SML, and Streaming Media. Management of users and groups as they pertain to Web Servers will also be covered. Prerequisites: IT 243, permission of instructor. (2,2)

3 Credits.

IT 373 Web Design Fundamentals

This course will explore aspects of the design and creation of websites including the initial planning, design, implementation and publishing. With an emphasis on design, we will use web design tools such as HTML, Dreamweaver, Fireworks, and Photoshop Elements for the web will be covered. Copyright issues will also be covered. Students will design and publish a personal webpage as part of the course. There will be a course website with relevant URLs for that day's topic. Prerequisites: IT 103, Permission of the instructor.

3 credits

IT 383 Current Topics in Information Technology

Offers current topics from the area of Information Technology systems. Prerequisites: permission of instructor. 3 Credits

IT 404 Network Protocols

Focuses on TCP/IP using Microsoft Windows NT and UNIX. Topics include UNIX and Microsoft TCP/IP addressing, subnet addressing, implementing IP routing, dynamic host configuration protocol, IP, IPX/SPX, ATM address resolution, Net BIOS name resolution, Windows Internet name service, host name resolution, connectivity, and troubleshooting. Prerequisites: IT 243, permission of instructor. (3,2)

4 Credits

IT 414 Advanced NT

You will learn the installation and configuration of Windows NT Server and Workstation with an emphasis on the management and administration of user hardware and software resources. Hands on application of network administration principles on an operational NT Network is provided. Prerequisites: IT 153, IT 253, permission of instructor. (2,4)

4 Credits

IT 423 Supporting Network Operating Systems

Advanced network commands and utilities will be demonstrated to you to further supplement the skills required by a network administrator. Directory structures, security, printing and network administration will be covered. Troubleshooting methods and procedures will be discussed for workstations, servers and related hardware, and printing systems. Hardware and software to aid with problem identification and resolution will be discussed and demonstrated where possible. Network optimization and disaster recovery will be covered as well as copyright issues and ethics involved with computer operations. Prerequisites: IT 153, IT 253, permission of instructor. (2,2)

3 Credits

IT 433 Supporting Windows NT Workstation

Provides you with a foundation on the Windows NT workstation and fundamentals. Topics include the Windows NT environment, workstation, printing, remote access, troubleshooting, configuration, installation, managing accounts and user rights, securing directory and file resources, securing the system, networking environment and communication, networking browsing and booting Windows NT, and supporting applications. Prerequisites: permission of instructor. (2,2)

3 Credits

IT 443 Advanced Unix

This course is for users interested in becoming UNIX administrators. In this course we will identify the hardware requirements for a UNIX system, the features of job control, the guidelines for managing disk space usage, the benefits of networking, the features of Transmission Control Protocol/Internet Protocol (TCP/IP), the requirements for remote access, the features of Network Information Services (NIS) and the features of Lightweight Directory Access Protocol (LDAP). Prerequisites: permission of instructor. (2,2)

3 Credits

IT 453 Network Security

Provides you with the essential concepts and methods for the network security. Topics covered include physical/logical security and different methods of implementation, data encryption/decryption. There will be discussions of commercial and open source products for firewall, proxy, cache and NAT. Prerequisites: permission of instructor. (2,2)

3 Credits

IT 474 Network Analysis

Provides you with the theory and methodologies for designing and analyzing network systems. Topics that you will cover include techniques used by computer professionals to determine, document, and analyze the network requirements; assessing the hardware/software needs of an organization. Emphasis will be on problem solving and cost-analysis in a networking environment. Prerequisites: permission of instructor. (2,3)

4 Credits

IT 502 Microsoft Certified Systems Engineer Certification Core Test #1

This class will help you study for the Microsoft Certified Systems Engineer Core Test #1. Prerequisites: Senior status, permission of instructor. (1,2)

2 Credits

IT 512 Microsoft Certified Systems Engineer Certification Core Test #2

This class will help you study for the Microsoft Certified Systems Engineer Certification Core Test #2. Prerequisites: Senior status, permission of instructor. (1,2)

2 Credits

IT 522 Microsoft Certified Systems Engineer Certification Core Test #3

This class will help you study for the Microsoft Certified Systems Engineer Certification Core Test #3. Prerequisites: Senior status, permission of instructor. (1,2)

2 Credits

IT 532 Microsoft Certified Systems Engineer Certification Elective Test #1

This class will help you study for the Microsoft Certified Systems Engineer Certification Core Test #1. Prerequisites: Senior status, permission of instructor. (1,2)

2 Credits

IT 542 Microsoft Certified Systems Engineer Certification Elective Test #2

This class will help you study for the Microsoft Certified Systems Engineer Certification Core Test #2. Prerequisites: Senior status, permission of instructor. (1,2)

2 Credits



LAKOTA STUDIES DEPARTMENT

Karen Lone Hill, Chairperson
Calvin Jumping Bull, Instructor
Wilmer Mesteth, Instructor
Charles White Buffalo, Instructor
Verine White, Instructor
Sylvia Tobacco, Lakota Language Institute Director
Pat Lee, Instructor
Charles Shot With Arrow, Instructor
John Around Him, Instructor

The Lakota Studies Department offers three degrees and a Lakota Language Certificate. The department provides the focus for the entire college in maintaining a Lakota perspective. All students are required to take courses offered by the Lakota Studies Department in order to increase their knowledge of Lakota heritage and to prepare themselves for contributing to the continuation of the Lakota Oyate traditions and values. The department provides assistance to other departments, offers community workshops, assists in the maintenance of materials relevant to tribal history and culture, and serves to help maintain the Lakota language.

Courses in Lakota Studies range across disciplines. They are taught according to accepted standards within the disciplines of art, music, language literature, history, political science, psychology, sociology, science, and religion.

BACHELOR OF ARTS DEGREE IN LAKOTA STUDIES

The B.A. Degree in Lakota Studies offers a concentration in Lakota Culture or History, or a composite in Lakota History and Culture with a strong emphasis on the Lakota language and contemporary issues. This degree is designed for the person wanting to become a Lakota specialist carrying on research and teaching in these areas and is also appropriate for budding archivists, park interpreters, and lawyers.

BACHELOR OF SCIENCE IN LAKOTA STUDIES EDUCATION

The B.S. in Lakota Studies Education is a K-12 teaching degree designed to meet the needs of those individuals and Lakota teachers who wish to teach the Lakota language, culture, history, arts, and literature in the elementary and secondary schools. It is a South Dakota state certified teaching degree.

ASSOCIATE OF ARTS IN LAKOTA STUDIES

The A.A. in Lakota Studies combines an emphasis on Lakota culture with necessary enhancement of knowledge to prepare students to act as transmitters of Lakota culture and history for tribal programs and schools.

LAKOTA LANGUAGE CERTIFICATE

The Lakota language certificate is a South Dakota state certified program that prepares students to teach the Lakota language at various grade levels using effective methods and techniques.

LAKOTA STUDIES DEPARTMENT
BACHELOR OF ARTS DEGREE IN LAKOTA STUDIES

			where
			taken date grade
1. CORE REQUIREMENTS (31 credits)			
CoSu 103	College Success	3	_____
Engl 103*	Freshman English I	3	_____
Engl 113*	Freshman English II	3	_____
SpCm 103	Speech Communications	3	_____
Math 134*	Intermediate Algebra or above	4	_____
CSc 113	Applied Information Processing	3	_____
	Social Science Elective	3	_____
	Humanities Elective	3	_____
	Literature Elective	3	_____
	Science Elective	3	_____
2. PROFESSIONAL CORE REQUIREMENTS (39 credits)			
Lak 103	Lakota Language I	3	_____
Lak 233*	Lakota Language II	3	_____
Lak 323*	Lakota Language III	3	_____
Lak 423*	Lakota Language IV	3	_____
Lak 313*	Introduction to Lakota Sociolinguistics	3	_____
Lak 433*	Methods of Teaching the Lakota Language	3	_____
LLit 213	American Indian Literature	3	_____
LLit 223*	Contemporary Indian Literature	3	_____
LPsy 323*	Native American Psychology	3	_____
LHist 323*	Seminar in Contemporary Indian Issues	3	_____
LPol 313*	Indian Law	3	_____
LThe 443*	Comparative Studies In Lakota Religion	3	_____
LSci 303	Lakota and the Environment	3	_____
3. INTERNSHIP (6 credits)			
Lak 283	Internship in Lakota Studies	3	_____
Lak 483	Internship in Lakota Studies	3	_____
4. The student may choose either the History major or the Culture major or a <u>History/Culture composite of 30 credits</u> which includes any history or culture courses (a & b) listed below. At least 12 credits must be take at the 300 level or above.			

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a. The History (30 credits)

LHist 203 Lakota History I	3	_____
LHist 213* Lakota History II	3	_____
LHist 353* Lakota ñ U.S. Military Confrontations	3	_____
History Electives (any courses with Native American Emphasis)	3	_____
	3	_____
LPol 213* American Indian Political Systems	3	_____
LPol 223* Lakota Tribal Laws, Treaties, Government	3	_____
LHist 243* Research Writing: Family & Community History	3	_____
Electives (approved by Dept Chair)	3	_____
	3	_____

b. The Culture (30 credits)

LSoc 103 Lakota Culture	3	_____
LArt 103 Traditional Lakota Arts I	3	_____
LMus 103 Lakota Music and Dance	3	_____
LLit 103 Lakota Oral Literature	3	_____
LSoc 223* Lakota Thought & Philosophy	3	_____
LArt 203 Indian Art History	3	_____
LArt 113* Traditional Lakota Arts II	3	_____
LSci 203 Traditional Plants, Foods, & Herbs	3	_____
LSoc 303* American Indian Women	3	_____
Elective (approved by Dept Chair)	3	_____

5. FREE ELECTIVES (24 credits)

_____	3	_____
_____	3	_____
_____	3	_____
_____	3	_____
_____	3	_____
_____	3	_____
_____	3	_____
_____	3	_____
_____	3	_____

TOTAL: 130 CREDITS

LAKOTA STUDIES DEPARTMENT
BACHELOR OF SCIENCE DEGREE IN LAKOTA STUDIES

	where		
	taken	date	grade
1. CORE REQUIREMENTS (31 credits)			
StSk 103 College Success	3	_____	_____
Engl 103* Freshman English I	3	_____	_____
Engl 113* Freshman English II	3	_____	_____
SpCm 103 Speech Communications	3	_____	_____
Math 134* Intermediate Algebra or above	4	_____	_____
CSc 113* Applied Information Processing	3	_____	_____
Social Science Elective	3	_____	_____
Literature Elective	3	_____	_____
Humanities Elective	3	_____	_____
Science Elective	3	_____	_____
2. PROFESSIONAL CORE REQUIREMENTS (48 credits)			
Lak 103 Lakota Language I	3	_____	_____
Lak 233* Lakota Language II	3	_____	_____
LSoc 103 Lakota Culture	3	_____	_____
Ed 203 Indian Education	3	_____	_____
LMus 103 Lakota Music & Dance	3	_____	_____
LArt 103 Traditional Lakota Arts I	3	_____	_____
LLit 103 Lakota Oral Literature	3	_____	_____
LLit 213* American Indian Literature	3	_____	_____
LHist 203 Lakota History I	3	_____	_____
LPol 223 Lakota Tribal Laws, Treaties, Government	3	_____	_____
LSoc 303* American Indian Women	3	_____	_____
LSci 303 Lakota & the Environment	3	_____	_____
LPsy 323* Native American Psychology	3	_____	_____
LHist 323* Seminar in Contemporary Indian Issues	3	_____	_____
LThe 443* Comparative Studies in Lakota Religion	3	_____	_____
LSoc 223* Lakota Thought & Philosophy	3	_____	_____
a. MINOR (18 credits)			
_____	3	_____	_____
_____	3	_____	_____
_____	3	_____	_____
_____	3	_____	_____

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_____ 3 _____
 _____ 3 _____

3. PROFESSIONAL METHODS REQUIREMENTS (27 credits)

Ed 313 Educational Psychology 3 _____
 Ed 323 Middle School Concepts 3 _____
 ExEd 313 Introduction to Exceptional Education 3 _____
 Ed 463 Human Relations 3 _____
 ScEd 443 Reading in the Content Area 3 _____
 ScEd 453 Methods & Media for Secondary School Teachers 3 _____
 ScEd 473 Student Teaching Seminar 3 _____
 ScEd 416 Student Teaching/Practicum in Secondary Schools 6 _____

4. FREE ELECTIVES (6 credits)

_____ 3 _____
 _____ 3 _____

TOTAL: 130 CREDITS



**LAKOTA STUDIES DEPARTMENT
ASSOCIATE OF ARTS DEGREE IN LAKOTA STUDIES**

	where		
	taken	date	grade
1. CORE REQUIREMENTS (24 credits)			
CoSu 103 College Success	3	_____	_____
Engl 103* Freshman English I	3	_____	_____
Engl 113* Freshman English II	3	_____	_____
SpCm 103 Speech Communications	3	_____	_____
Math 103* Elementary Algebra	3	_____	_____
Science Elective	3	_____	_____
Social Science Elective	3	_____	_____
Humanities Elective	3	_____	_____
2. PROFESSIONAL REQUIREMENTS (27 credits)			
Lak 103 Lakota Language I	3	_____	_____
Lak 233* Lakota Language II	3	_____	_____
LHist 203 Lakota History I			
OR			
LSoc 103 Lakota Culture	3	_____	_____
Lak 283 Internship in Lakota Studies	3	_____	_____
LHist 213* Lakota History II	3	_____	_____
LArt 103 Traditional Lakota Arts I	3	_____	_____
LLit 103 Lakota Oral Literature	3	_____	_____
LSoc 223* Lakota Thought & Philosophy	3	_____	_____
LPol 223 Lakota Tribal Laws, Treaties & Government	3	_____	_____
3. FREE ELECTIVES (12 credits)			
_____	3	_____	_____
_____	3	_____	_____
_____	3	_____	_____
_____	3	_____	_____
		TOTAL:	63 CREDITS

LAKOTA STUDIES DEPARTMENT
LAKOTA LANGUAGE CERTIFICATE

		where		
		taken	date	grade
Lak 103	Lakota Language I	3	_____	
Lak 233*	Lakota Language II	3	_____	
Lak 323*	Lakota Language III	3	_____	
Lak 423*	Lakota Language IV	3	_____	
Lak 313*	Introduction to Lakota Sociolinguistics	3	_____	
Lak 433*	Methods of Teaching the Lakota Language	3	_____	

Persons who demonstrate oral proficiency and literacy in the Lakota language may test out of the Lakota Language requirements (Lak 103, Lak 233, Lak 323, and Lak 423).



LAKOTA STUDIES COURSES

ART COURSES

LArt 103 Traditional Lakota Arts I Lakotacultural crafts techniques. This course is designed as an introductory course in the crafts and art work of the Lakota people. Included will be designs, history of colors, and basic beading techniques.

3 credits

LArt 113 Traditional Lakota Arts II

This course is designed as an advanced course in beading techniques and a variety of Lakota and Plains tribes handicrafts. Course will include quillwork and dyes, utilizing natural paints and dyes in parfelech making, and researching traditional and contemporary costumes designs. Prerequisite: LART 103.

3 credits

LArt 203 Indian Art History

The course will introduce the student to representative worked ranging from traditional/tribal art to contemporary Indian art thus enhancing aesthetic appreciation and deepening understanding. Prerequisites: Engl 103 and CoSu 103.

3 credits

LArt 213 Plains Indian Design Composition Research and study of Plains Indian Design and development in two and three dimensional art forms through skills techniques in use of line, form, color, and intensity. Media includes-tempera and oil. Prerequisites: Engl 103 and CoSu 103.

3 credits

MUSIC COURSES

LMus 103 Lakota Music and Dance

Study of the relationship of Lakota dance and music to the life of the Lakota people. The course is designed to provide and appreciation of the music and dance forms of the Lakota people. Prerequisites: CoSu 103.

3 credits

COMMUNICATIONS COURSES

Lak 101 Lakota Language Seminar

This course is specifically designed for those Lakota students who understand that Lakota Language but who are unable to speak. The Lakota Language Seminar should be taken either before or concurrently with Lak 103 Lakota Language I.

1 credit

Lak 103 Lakota Language I

This is a continuation of the introduction to the Lakota Language. Emphasis will be placed on the Lakota alphabet, kinship terms, numerical system and simple sentence structure. Added emphasis will be on active every day survival, language skills-speaking the language. Writing will be minimal. (Students who have native language ability in Lakota may challenge this course for credit).

3 credits.

Lak 233 Lakota Language II

A course designed to continue teaching correct pronunciation of Lakota, the fundamentals of grammar, a mastery and increase of basic vocabulary and idiomatic expressions with additional emphasis on reading and writing in Lakota. Students will be expected to compose original short stories and to retell. The emphasis will be on verbal skills. Prerequisite: Lak 103 with a iCî or better.

3 credits

Lak 323 Lakota Language III

A course designed to teach advanced grammar and Lakota Literacy. Added emphasis will be on mastery in the usage of honorific in everyday situations. Verbal skills will be emphasized through storytelling and literacy through composition. Prerequisites: Lak 103, Lak 233, Chairperson Approval.

3 credits

Lak 423 Lakota Language IV

A course designed to continue teaching advanced grammar and Lakota literacy. The major emphasis of this course will be on public speaking-etiquettes of speech in a Lakota situation, and Lakota Literarcy-writing a term/research paper. Prerequisites: Lak 103, Lak 233, Lak 323, Engl 103.

3 credits

Lak 313 Introduction to Lakota Sociolinguistics

This course is designed to study the variation and differences that have occurred in the Lakota Language since the pre-reservation period to the present. It will also focus on the sociocultural factors that have influenced the speaking style. Prerequisites: Lak 103, Lak 233, Lak 323, Lak 423, or chairperson approval. 3 credits

EDUCATION COURSE

Lak 433 Methods of Teaching the Lakota Language

Students will learn various Methods for teaching the Lakota Language for grades K-College. This course will provide students with experience in the Silent Way, total Immersion, and intensive study of Lakota grammar. The students will learn about the oral and written expression of the Lakota Language from a linguistic perspective and through Lakota storytelling. They will also learn elements of effective instruction and Lakota student learning styles. Activities will include the development of lesson plans and the effective presentation of lessons. Prerequisites: Lak 103, Lak 233, Lak 323, Lak 423, Lak 313, Engl 103, Engl 113

3 credits

LkEd 453 Methods of Teaching Lakota Studies Across the Curriculum

Students will learn the various methods and teaching strategies necessary for integrating the Lakota Language, Literature, History, and culture into K-12 curriculum. They will also learn elements of effective instruction and Lakota student learning styles. Activities will include the development of lesson plans and effective presentation of lessons. Prerequisites: General & Lakota Core Requirements

3 credits

LANGUAGE ARTS COURSES

LLit 103 Lakota Oral Literature

An analysis of Lakota oral history and literature, covering such areas as the creation of the universe, the creation of living creatures and the Lakota people.

3 credits

Llit 213 American Indian Literature

A brief survey of the literature of the western tradition dealing with Indian subjects as an in-depth study of the written literature of the American Indian people. Prerequisite: Engl 113

Llit 223 Contemporary Indian Literature

This course will examine the written literature of the novel, short story, poetry, and autobiography/biography. Prerequisites: Engl 113, Llit 213 or consent of the chairperson.

HISTORY COURSES

LHist 203 Lakota History I

An introduction to the Lakota Hiostorical development as relayed through oral history and tribal beliefs. A general study of social, cultural, political and economic history of the Lakota people prior to 1878. (This may apply towards the History Degree) Prerequisites: Engl 103, CoSu 103
3 credits

LHist 213 Lakota History II

An in-depth study of the social, cultural, political, and economic history of the Lakota people from 1878-1939. The students will research and examine the early reservation period. (This is also required for the History Major.) Prerequisites: Engl 113 and CoSu 103
3 credits

LHist 323 Seminar in Contemporary Indian Issues

This course is a study of contemporary Native American and Lakota historical development since 1940 with an emphasis on active field research on the social, political, and economic aspects of reservation life. It includes thorough examination of the Indian Reorganization Act, Termination, Civil Rights, Indian Religious Freedom Act, and Self-Determination and their effects. Prerequisites; LHist 203 or LHist 213, LPol 223, Engl 113
3 credits

LHist 353 Lakota U.S. Military Confrontations

A study of the major military confrontations between the Lakota (Sioux) nation and the U.S. Military from the 1850ís thru the 1890ís. Field work on battles sites will be conducted upon completion of the necessary coursework. Prerequisites: LHist 203, LHist 213, LPol 223, Engl 113.
3 credits

POLITICAL SCIENCE COURSES

LPol 213 American Indian Political Systems

A study of American Indian tribal political systems and tribal institutions for decision making. Prerequisites: Engl 103 and CoSu 103
3 credits

LPol 223 Lakota Tribal Law, Treaties, and Government

The concept of tribal sovereignty involving the relationship of tribal people to federal and state governments through historical development of treaties, congressional acts, and court decisions. Prerequisite: Engl 113, LHist 203.
3 credits

LPol 313 Indian Law

This course will involve an in-depth consideration of the special attributes to federal, state and tribal laws as they relate to Indian citizens both on and off the reservation. Prerequisites: Engl 113 and LPol 223. 3 credits

PSYCHOLOGY COURSE

LPSY 323 Native American Indian Psychology

Study of Indian behavior, personality development, and individual differences and reactions to non-Indian demands and environment. Prerequisites: CoSu 103, Engl 113, LSoc 103
3 credits

SOCIOLOGY COURSE

LSoc 103 Lakota Culture

A study of Lakota cultural development including a general study of customs, beliefs, rituals and social patterns of the Lakota people. Prerequisites: CoSu 103.
3 credits

LSoc 223 Lakota Thought and Philosophy

A course which examines the customs, beliefs, and philosophical outlook of the Indian in relation to the universe, to the supernatural, and to man's relationship with all creation. Prerequisites: Engl 113 and LSoc 103, CoSu 103.
3 credits

LSoc 233 Lakota Social Systems

A better understanding of the Lakota society and social philosophies, government and morals are examined along with cross-cultural values of contemporary society. Prerequisites: LSoc 103 and Engl 113.
3 credits

LSoc 303 American Indian women

This course is designed to emphasize the qualities, attributes, expectations, and importance of American Indian female etiquette with a focus on the Lakota female role. The aspects of nature to be studied in detail are the spiritual, emotional, physical, and intellectual. Prerequisites: LSoc 103, Lak 103, Engl 113.
3 credits

LSoc 403 The Culture of the American Indian

A general study of the past and present culture patterns of the American Indian. Prerequisites: LSoc 103, LHist 203, and Engl 113.
3 credits

LSocM 223 Lakota Cultural Resource Management ñ Archives Archaeology

A course designed as an introduction to preserving historical records, and the use of the archival resources, with an emphasis on the role of the Oglala Lakota College archives. The content of the course will survey the archives theories and methods which archivists use in collecting and processing historical and institutional records. Lectures on archival theory, methods, and archaeological research methods and resources conducted by professionals in the fields of archives and archaeology. Prerequisites: LHist 203, LSoc 103, and Engl 113.
3 credits

Lak 283/483 Internship in Lakota Studies

An internship in the Lakota experience on the Pine Ridge Reservation. Students will work with cultural-religious leaders, tribal political leaders, or any other persons as approved by the Lakota Studies chairperson. Prerequisite: Chairperson Approval and in the last semester of 2 year or 4 year program.
3-6 credits

Lak 293/493 Special Topics in Lakota Studies

A study of selected topics in Lakota Studies including the writing of local Lakota history, Lakota Studies project in Language, Art Literature and other Lakota Studies topics. Variable credits. Chairperson approval.

SCIENCE COURSES

LSci 203 Traditional, Foods, Plants and Herbs

This course explores over thirty different common herbs and plants that were used traditionally by Lakota households for general health and healing purposes. Students will do local field studies and will be required to gather and identify the different plants and learn the importance of them according to cultural beliefs, tradition, and song. 100 level science course and Engl 103.
3 credits

LTh 443 Comparative Studies in Lakota Religion

This course is a comparative analysis of the contemporary diversity of Lakota religious practices on the reservation, including the early Christian denominations and their effects and tracing the traditional Lakota religious practices from the pre-reservation period to the present. Prerequisites: Engl 113, LSoc 103, LSoc 223.
3 credits

(Note: Lak 290/490 is used when special courses in Lakota Studies are offered which are not listed in the catalog.)

(Note: LHist 203, LHist 213 and LSoc 103 replace LSoc 103 Lakota History and Culture. Any one of the three new courses will satisfy the Lakota history and culture courses requirement of the college.)



NURSING DEPARTMENT

Sarah Coulter-Danner, Instructor/Chairperson
Joan Nelson, Instructor
Kari Baker, Instructor
Wendy Holthus-Jacobson, Instructor
Patricia Red Eagle, Faculty Liaison/Support

The Oglala Lakota College Nursing Program restarted in 1986 after the University of South Dakota satellite program at the college closed in 1984. The new program was developed to serve residents of the Pine Ridge and Rosebud Reservations and rural border communities in Nebraska and South Dakota. The program's curriculum is congruent with traditional Lakota values which define the individual in relationship to the Tiwahe and the Universe. Nursing is the process which supports individuals and families in promoting, maintaining and restoring balance and well-being and is accomplished within the cultural framework.

Graduates of the program receive an Associate of Arts (A.A.) degree in Nursing and are eligible to write the National Council of Licensing Examination (NCLEX). Passing of the exam will result in licensure as a registered nurse (RN).

Nursing courses are currently offered in Pine Ridge where the department has nursing skills laboratory space as well as classrooms and offices. The program has limited dormitory accommodations for nursing students from the outlying districts and Rosebud Reservation. Many of the basic courses required for graduation can be taken in the student's home district. Basic skill courses are offered which enable students to improve reading, math, English and science skills before applying to the nursing program. Clinical practice sites include: Pine Ridge IHS Hospital, Sioux San Hospital, the VA Hospital at Hot Springs, Bennett County Hospital Nursing Home, Gordon Memorial Hospital, Rapid City Regional Hospital, as well as community agencies on the reservation. A van is available for transportation of students and faculty to off-reservation facilities.

A student may enroll in pre-nursing courses at OLC at any time and declare nursing as a major. However, students must apply and be admitted to the nursing program before they can enroll in nursing coursework. The number of students who can enroll in the nursing program is limited. Students who have met stated pre-admission criteria should apply during the spring semester for admission into the nursing program the following fall semester.

A cumulative grade point average of 2.0 is required for graduation, from the nursing curriculum. Requirements for graduation with an Associates of Arts Degree in Nursing must be completed within four years after being accepted into the nursing program.

I. Admission

Students may enroll in nursing courses only after being formally admitted. To apply for admission, the student must have completed the following foundation with an overall GPA of 2.0 or higher.

- a. English 103 Freshman English I, Engl 113 Freshman English II
- b. Math 134 Intermediate Algebra (must attain C grade or higher)
- c. CoSu 103 College Success
- d. Hlth 102 Medical Terminology (may test out - must attain "C" grade or higher)
- e. Chemistry 113 (must attain C grade or higher) Lab is Chem 111
- f. Chemistry 123 (must attain C grade or higher)
- g. Bio 224 Anatomy & Physiology I
- h. Soc 103 Introduction to Sociology
- i. Psy 103 General Psychology

Academic Skill Evaluation

Prior to being considered as candidates, students must take the ATI Assessments. These evaluations are important indicators of whether or not the student has the requisite skills to succeed in the nursing curriculum. Appointments for these testing sessions can be made with Pat Red Eagle, the Nursing Program Student Support Coordinator.

Application Procedure

Students will be selected only once a year to begin the nursing program at the Fall semester. The application procedure involves the submission of:

- a. Application form
- b. Three letters of reference
- c. Certificate of degree of Indian blood
- d. Official high school transcript or GED Certificate
- e. Official college transcripts from all colleges, universities, vocational, or post-secondary schools attended.
- f. Completed physical exam and immunization form (Due August 14 prior to Fall entry).

Selection Criteria

Students who have completed prerequisites will be selected according to the following criteria:

- a. Minimum G.P.A. of 2.0
- b. Tribal enrollment priority as follows:
 - Enrolled members of the Oglala Sioux Tribe who are veterans.
 - Enrolled members of the Oglala Sioux Tribe.
 - Enrolled members of other Lakota Tribes who are veterans.
 - Enrolled members of other Lakota Tribes (Rosebud priority)
 - Other enrolled Indian Tribal members.
 - Non-enrolled Indians.
- c. Reference letters and personal interviews that evaluate personal characteristics desired in health professionals and that are reflective of Lakota values including the following: ability to work with people, leadership, personal initiative, growth potential, concern for others, motivation, integrity, reliability, and communication skills.
- d. When in the judgement of the Nursing Department Admissions Committee the program can accommodate additional students, non-Indian applicants who meet all other requirements will be selected according to the following criteria:
 - Students married to Lakota tribal members.
 - Parent of Lakota child/children.
 - Students committed to remaining in the community area as evidenced by:
 - 1) living in the community area for more than 10 years thus demonstrating permanent residence;
 - 2) having permanent family/relative ties in the community.

The number of students admitted for each Fall semester will not exceed the faculty resources nor the capabilities of the clinical sites used and will be determined prior to the convening of the Nursing Department Administration Committee. Admissions Committee membership is comprised of Nursing Faculty/Staff and outside members appointed by the Nursing Department Chair who have been approved by the V.P. for Instruction. Selection of students and alternates for the Fall semester shall be made by the end of May and notified not later than June 1, prior to Fall entry.

ASSOCIATE OF ARTS DEGREE IN NURSING - Course Plan

FALL SEMESTER

Basic Courses:

CoSu 103	College Success *	3
Engl 103	Freshman English I	3
LSoc 103	Lakota Culture or LHist 203 Lakota History #	<u>3</u>
		9

SPRING SEMESTER

Engl 113	Freshman English II	3
Soc 103	Introduction to Sociology #	3
SpCm 103	Speech Communication #	3
Math 134	Intermediate Algebra	<u>4</u>
		13

PRE-NURSING

Lak 103	Lakota Language I *#	3
Psy 103	General Psychology #	3
Chem 113	Chemistry for the Life Sciences I*	3
Chem 111	Lab	1
Hlth 102	Medical Terminology *	<u>2</u>
		12
LPsy 323	Native American Psychology #	3
Chem 123	Chemistry for Life Sciences II	3
Bio 224	Human Anatomy & Physiology I	<u>4</u>
		10

NURSING PROGRAM:

FIRST YEAR

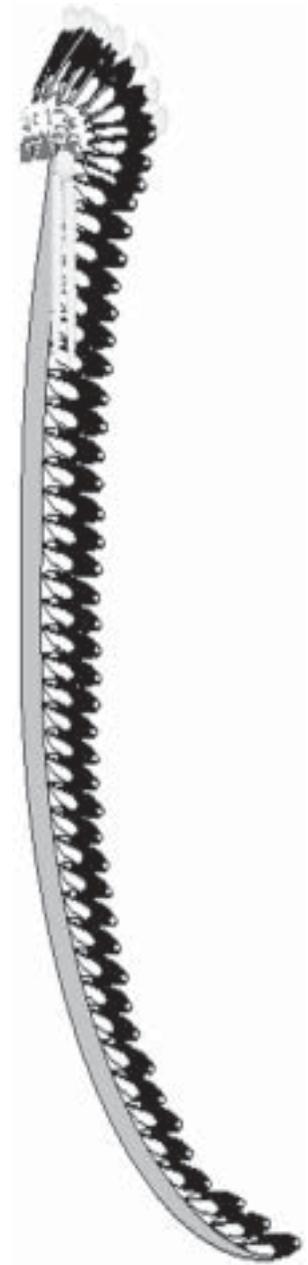
Nurs 218	Foundations of Holistic Nursing Care	8
Bio 234	Human Anatomy & Physiology II	<u>4</u>
		12
Bio 204	Basic Microbiology	4
Nurs 224	Holistic Nrsg. Care of the Childbearing Family	4
Nurs 234	Holistic Nrsg. Care of Individuals & Families Experiencing Communication & Behavioral Imbalances	<u>4</u>
		12

SECOND YEAR

Nurs 315	Holistic Nrsg. Care of Adults Exper. Acute Hlth Imbalances	5
Nurs 333	Transcultural Nursing	3
Nurs 324	Holistic Nursing Care of Children & Families	<u>4</u>
		12
Nurs 323	Pharmacology	3
Nurs 339	Holistic Nrsg. Care of Adults & Families Experiencing Acute & Chronic Health Imbalances	<u>9</u>
		12

*# May be challenged.

#Not necessary to take in exact sequence.



**NURSING DEPARTMENT
ASSOCIATE OF ARTS IN NURSING**

		where taken	date	grade
1. CORE REQUIREMENTS (21 CREDITS)				
SpCm 103	Speech Communications	3	_____	
Engl 103	Freshman English I	3	_____	
Engl 113*	Freshman English II	3	_____	
Soc 103	Introduction to Sociology	3	_____	
Math 134*	Intermediate Algebra	4	_____	
Psy 103	General Psychology	3	_____	
CoSu 103	College Success	3	_____	
2. LAKOTA STUDIES REQUIREMENTS				
Lak 103	Lakota Language I	3	_____	
LPsy 323	Native American Psychology	3	_____	
LSoc 103	Lakota Culture or LHist 203 Lakota History	3	_____	
3. SCIENCE COURSES REQUIREMENTS				
Chem 111	Chemistry for Life Science I Lab	1	_____	
Chem 113*	Chemistry for the Health Sciences I	3	_____	
Chem 123*	Chemistry for Health Sciences II	3	_____	
Bio 224*	Human Anatomy & Phys. I	4	_____	
Bio 234*	Human Anatomy & Phys. II	4	_____	
Micro 204*	Basic Microbiology	4	_____	
Hlth 102	Medical Terminology	2	_____	
4. NURSING COURSE				
Nurs 218*	Foundations of Holistic Nursing Care	8	_____	
Nurs 224*	Holistic Nursing Care of Child-Bearing Family	4	_____	
Nurs 234*	Holistic Nrsng. Care of Indiv. & Families with Community & Behavioral Imbalances	4	_____	
Nurs 315*	Holistic Nrsng. Care of Adults & Fam. with Acute Health Imbalances	5	_____	
Nurs 333*	Transcultural Nursing	3	_____	
Nurs 324*	Holistic Nrsng. Care of Children & Families	4	_____	
Nurs 323*	Pharmacology	3	_____	
Nurs 339*	Holistic Nsg. Care of Adults & Families with Acute & Chronic Health Imbalances	9	_____	

NURSING AND HEALTH COURSES

NURS 218 Foundations of Holistic Nursing Care

This course will introduce the student to concepts basic to the nursing profession and to the roles of the associate degree nurse. The student will begin to utilize the nursing process as the means of providing basic nursing care to meet the bio-psycho-cultural needs of the individual, with emphasis on the healthy elderly. Health promotion techniques as well as basic skills of health assessment and nursing care will be emphasized. Subconcepts of critical thought, therapeutic communication, pharmacology, medication administration and nutrition will be introduced. Lakota values of knowledge, respect, generosity, and courage will be integrated into theory and clinical expectations. Clinical experiences will be provided through the I.H.S. outpatient clinics and acute care unit, Cohen residential home, visits to well elderly in the community, nursing homes in Martin, SD and Rushville, NE.

Fall semester - 8 credits (6 credits hours theory, 20 credits hours clinical @ 5:1 ratio).

Prerequisites: Requires formal admission to the nursing program. Corequisites: Bio 224

NURS 224 Holistic Nursing Care of the Childbearing Family

This course will introduce the student to the bio-psycho-social-cultural health needs experienced during the childbearing years. This course will emphasize health promotion and concepts basic to women's health pregnancy, labor and delivery, postpartum and the newborn, common complications during these periods. The student will expand skills in the use of the nursing process and critical thinking in meeting health needs during the childbearing years. The student will further develop health assessment and nursing care skills for the female maternity/fetal/newborn client. This course will continue to integrate Lakota values of wisdom, respect, generosity, and courage within the theoretical and clinical experiences. Facilities utilized include the maternity unit and the prenatal/women's clinic at the Indian Health Service Hospital, Pine Ridge, SD.

Spring semester - 4 credits (3 credit hours theory, 5 credit hours clinical @ 5:1 ratio).

Prerequisites: Nurs 216, Bio 224. Corequisites: Bio 234

NURS 234, Holistic Nrsng. Care of Individuals & Families Experiencing Commun. & Behavioral Imbalances

This course focuses on the health restorative aspects of common mental health problems. The student will continue to expand skill levels in the use of the nursing process by providing care in acute care and community settings for individuals experiencing difficulty with behaviors and/or relationships. Facilities utilized include IHS Hospital Pine Ridge and Rapid City, SD; and Flowering Tree, Pine Ridge, SD.

Spring semester - 4 credits (3 credit hrs. theory, 5 credit hrs. clinical @ 5:1 ratio)

Prerequisites: Nurs 216, Bio 224. Corequisite: Nurs 224

NURS 323 Pharmacology

This course develops knowledge of the general principles of pharmacology, therapeutic uses, mechanisms of action, biotransformation, dosage range, side effects, adverse drug reactions, and drug interactions of each class of drugs.

Spring semester - 3 credits

Prerequisites: Nurs 216, 224, 234, 315. Permission of the Chair for non-enrolled students Corequisites: Nurs 339

NURS 315 Holistic Nursing Care of Adults and Families Experiencing Acute Health Imbalances

This course will introduce the student to nursing care of common health imbalances of adult clients with health promotion and health restoration requirements. Student will continue to expand their use of critical thinking and the nursing process in planning and providing care for individuals and their families in the hospital setting. Facilities utilized will include the IHS Hospital, Pine Ridge, SD, and the VA Medical Center, Hot Springs.

Fall semester - 5 credits (3 hrs. theory, 10 hrs. clinical lab/wk.)

Prerequisites: Nurs 216, 224, 234. Corequisites: Micro 204

NURS 333 Transcultural Nursing

This course introduces the student to transcultural nursing concepts, theories and the role of culture in understanding and caring for diverse clients in health care settings. There is special emphasis on providing health care in a Lakota context. Culture will also be defined as that body of behaviors and established norms in diverse health care settings and that are critical to the students understanding of institutional behavior and communication patterns.

Fall semester - 3 credits

Prerequisites: Nurs 216, 224, 234, Corequisites: Nurs 324, 315

NURS 324 Holistic Nursing Care of Children & Families

This course introduces students to concepts essential to providing nursing care to promote, maintain, and restore health and balance in the pediatric client. Central concepts include normal growth and development of the child (birth through adolescence), communication techniques as adapted to the pediatric client, common health imbalances, and the nursing process related to care of the child in both well-child and acute care settings. Subconcepts of nutrition and pharmacology as related to the pediatric client are also included. The child is viewed as a member of the family (tiwahe/tiospaye) as well as a member of society/tribe and is influenced by culture and the environment. Facilities utilized will include Early Childhood Centers, well-child clinics, I.H.S. Hospital, Pine Ridge, SD, Flowering Tree and WIC clinic in South Dakota and Nebraska, and Rapid City Regional Hospital.

Fall semester - 4 credits (3 hrs. theory, 5 hrs. clinical per wk.)

Prerequisites: Nurs 216, 224, 234. Corequisites: Nurs 315, 323

NURS 339 Holistic Nrsng. Care of Adults & Families Experiencing Acute and Chronic Health Imbalances

This course will focus on the chronic and acute health imbalances of the adult client with health restoration and health maintenance requirements. Student will expand their use of critical thinking and the nursing process by providing associate degree role nursing, care, including nursing management skills, to individuals in the hospital setting. Clinical experiences will include observation in the operating room, intensive care unit and dialysis unit. Facilities utilized will include the VA Medical Center, Hot Springs, SD, Indian Health Service Hospital, Pine Ridge, SD; Home Health agency at Gordon Hospital, Gordon, NE; and Public Health Nursing Service at Pine Ridge, SD.

Spring semester - 9 credits (6 hrs. theory, 15 hrs. clinical lab per wk.)

Prerequisites: Nurs 216, 224, 234, 315, 323. Corequisites: Nurs 333

HLTH 102 Medical Terminology

This course presents a study of basic medical terminology used in healthcare.. Prefixes, suffixes, word roots, combining forms, special endings, abbreviations and symbols are included in the context. A word building system will be used to learn new terms. Emphasis is placed on spelling, definition usage and pronunciations. 2 credits

HLTH 203 Concepts of Holistic Health

This course focuses on essential elements required to understand determinants of wellness from an individual, family and community perspective. Students assess the interactiveness of values, beliefs, life-styles and cultural systems relative to the development of health seeking behaviors and the avoidance of crises related outcomes in individual, family and community activities. Students also engage in projects that demonstrate strategies for facilitating holistic wellness of a community.

Fall/Spring 3 credits. Prerequisites: Engl 113.

HLTH 303 Health & First Aid for Elementary Teachers

This course will introduce the student to the concepts of health and hygiene including review of body systems and factors within the internal and external environments which influence health, with emphasis on children at the elementary grade levels. First aid assessment and management of injuries common to this population and CPR certification will also be included. 3 credits

ALLIED HEALTH DEPARTMENT

Sarah Coulter-Danner, Instructor/Chairperson
Charleen Eagle Elk, Program Coordinator
Wendy Holthu Jacobson, Instructor
Joan Nelson, Instructor
May Mousseau, Adjunct Faculty
Carrie Child, Adjunct Faculty
Norma Davis, Adjunct Faculty
Ethleen Two Dogs, Adjunct Faculty

The Oglala Lakota College Allied Health Program began in 2002 during the Fall semester. The new program was developed to serve residents of the Pine Ridge and Rosebud Reservations and rural border communities in Nebraska and South Dakota. The program's curriculum is congruent with traditional Lakota values which define the individual in relationship to the Tiwahe and the Universe. Allied Health Certificate is the process which supports individual and families in promoting, maintaining and restoring balance and well-being and is accomplished within the cultural framework.

Graduates of the one-year program receive a certificate as a Allied Health Specialist and are eligible to sit for the CNA exam. Passing the exam will result in certification as a Certified Nursing Assistant.

Allied Health courses are currently offered in Pine Ridge where the department has nursing skills laboratory space as well as classroom and offices. The basic courses e.g. Engl 103, Lakota Language I can be taken in the student's home district. Clinical practice sites include: Pine Ridge IHS Hospital, Bennett County Hospital and Nursing Home as well as community agencies on the reservation. A van is available for transportation of students and faculty to off-reservation facilities.

Students must apply and be admitted to the Allied Health Program before they can enroll in Allied Health coursework. The number of students who can enroll in the Allied Health Program is limited. Students who have met stated pre-admission criteria should apply during the spring semester for admission into the Allied Health program the following fall semester.

A cumulative grade point average of 2.0 is required for graduation, from the Allied Health curriculum. Requirements for graduation with a certificate as an Allied Health Specialist must be completed within 1 year after being accepted into the Allied Health program.

I. Admission

Students may enroll in Allied Health courses only after being formally admitted. To apply for admission (see next page for application procedure), the student must register for the following courses:

FALL SEMESTER

- a. English 103 Freshman English I
- b. Hlth 102 Medical Terminology
- c. Hlth 103 Concepts of Holistic Health
- d. Bio 104 Basic Anatomy and Physiology

SPRING SEMESTER

- a. Hlth 104 Basic Nursing Assistant Course
- b. Hlth 113 Communication and Basic Mental Health Concepts
- c. Hlth 123 Restorative Health Concepts
- d. Lak 103 Lakota Language I

SUMMER SESSION

- e. Hlth 112 1st Aid & CPR
- f. Hlth 133 Internship - Health

Application Procedure

Students will be selected only once a year to begin the Allied Health Program at the Fall semester. The application procedure involves the submission of:

- a. Application form
- b. Three letters of reference
- c. Certificate of degree of Indian blood
- d. Official high school transcript or GED Certificate
- e. Official college transcripts from all colleges, universities, vocational, or post-secondary schools attended.
- f. Completed physical exam and immunization form (Due August 14 prior to Fall entry).

Selection Criteria

Students who have completed prerequisites will be selected according to the following criteria:

- a. Minimum G.P.A. of 2.0
- b. Tribal enrollment priority as follows:
 - Enrolled members of the Oglala Sioux Tribe who are veterans
 - Enrolled members of the Oglala Sioux Tribe
 - Enrolled members of other Lakota Tribes who are veterans
 - Enrolled members of other Lakota Tribes (Rosebud priority)
 - Other enrolled Indian Tribal members
 - Non-enrolled Indians
- c. Reference letters and personal interviews that evaluate personal characteristics desired in health professionals and that are reflective of Lakota values including the following: ability to work with people, leadership, personal initiative, growth potential, concern for others, motivation, integrity, reliability, and communication skills.
- d. When in the judgement of the Allied Health/Nursing Department Committee the program can accommodate additional students, non-Indian applicants who meet all other requirements will be selected according to the following criteria:
 - Student married to Lakota Tribal members.
 - Parent of Lakota child/children
 - Students committed to remaining in the community area as evidenced by:
 - 1. Living in the community area for more than 10 years thus demonstrating permanent residence.
 - 2. Having permanent family/relative ties in the community.

The number of students admitted for each Fall semester will not exceed the faculty resources nor the capabilities of the clinical sites used and will be determined prior to the convening of the Allied Health/Nursing Department Administration Committee. Admissions Committee membership is comprised of Nursing Faculty/Staff and outside members appointed the Nursing Department Chair who have been approved by the V.P. for Instruction. Selection of students and alternates for the Fall semester shall be made by the end of May and notified not later than June 1, prior to Fall entry.

One-Year Certificate in Allied Health - Course Plan

FALL SEMESTER

Hlth 104	Medical Terminology	3
Hlth 103	Concepts of Holistic Health	3
Bio 104	Basic Anatomy Physiology Health	4
Engl 103	Freshman English I	<u>3</u>
		12

SPRING SEMESTER

Hlth 104	Basic Nursing Assistant Course	4
Hlth 113	Communication and Basic Mental Health Concepts	3
Hlth 123	Restorative Health Concepts	3
Lak 103	Lakota Language I	<u>3</u>
		13

An internship and one course in May and June will complete this certificate program.

SUMMER SESSION

Hlth 112	1st Aid & CPR	2
Hlth 133	Internship - Health	<u>3</u>
		5

****Successful completion of the CNA course and passage of the state exam will enable the student to be a Certified Nursing Assistant.**

Allied Health Specialist Program

This is a 3 semester, one-year, 30 credit program. This program prepares the student to function in an institution or in the community as a CNA with enhanced skills in mental health, physical therapy and nutrition. The student is prepared to be role model and will have the ability to educate families and individuals with cultural sensitivity to assist in achieving and maintaining optimal health.

Hlth 102 Medical Terminology

This course presents a study of basic medical terminology used in healthcare. Prefixes, suffixes, word roots, combining forms, special endings, abbreviations and symbols are included in the context. A word building system will be used to learn new terms. Emphasis is placed on spelling, definition usage and pronunciations.
2 credits

Hlth 103 Concepts of Holistic Health

This course focuses on essential elements required to understand determinants of wellness from an individual family, and community perspective. Assessment of interactivity of values, beliefs, lifestyles, and cultural systems of crises.
3 credits

Bio 104 Basic Anatomy & Physiology

This is a one semester human anatomy and physiology course that is designed for students with limited science knowledge. The course will focus on the structure and function of the human body in relation to the eleven body systems. The course will also give students some knowledge of chemical make up, nutrition, and disease.
4 credits

Hlth 104 Basic Nursing Assistant Course

This course will incorporate the five essential care concepts of basic nursing skills, basic restorative sources, mental health, social service needs, personal care skills, as well as legal and ethnical responsibilities, welfare and safety.

4 credits

Hlth 113 Communicastion and Basic Mental Health Concepts

This course focuses on the issue of cultural competency and diversity in the halth care setting and how the health care professional can become more culturally competent relative to the Lakota culture.

3 credits

Hlth 123 Restorative Health

This course focuses on the pathophysiology and nursing care management of clients experiencing multi-system alterations in health status.

3 credits

Hlth 112 First Aid & CPR

The student will be introduced to basic elements of first aid in the care of the adult and child. Course emphasis will be on; assessment of injury, initial action, basic life support and specific injury interventions. CPR course completion and first aid interventions for special situtions will be included.

2 credits

Hlth 133 CNA Internship

This internship will enable the Allied Health student to learn the CNA concepts first hand and obtain the skills necessary to perform in a medical care setting lupon completion of the Allied Health Program. The setting can be either community, ie., home visits or community agency, hospital or nursing home.



GRADUATE PROGRAM

STAFF

Stephanie Charging Eagle, M.Ed., Director
Sandy White Shield, Secretary
Craig Howe, Ph.D., Faculty

GRADUATE ADVISORY BOARD:

Gerald One Feather
Marie Randall
Paul Robertson
Robert Two Crow
Alex White Plume
Cordelia White Elk
(Graduate Student Representative)

Graduate Program Authorization

Tribal leaders who determined an educated Lakota Oyate was necessary to assist the tribe in realizing operation of its own affairs founded Oglala Lakota College in 1970. Further, the elders envisioned a tribal college was paradoxically the way to preserve the Lakota language and culture. Therefore, the Oglala Sioux Tribe chartered Oglala Lakota College in March 1971. As part of its operation Oglala Lakota College designed and developed a graduate program entitled Mangers as Warriors from 1990-1992 and implemented the program in 1993. In 1995 Oglala Lakota College further authorized development and implementation of an Educational Administration emphasis degree.

Degrees Authorized

Oglala Lakota College is authorized to grant the following degrees: Associate of Arts (1983), Bachelor of Arts (1983) and Master of Arts (1993). South Dakota State Department of Education and Cultural Affairs approves teacher education program (Oglala Lakota College, Self study report, North Central Association of colleges & schools commission on institutions of higher education, March 16-18, 1998) and Educational Administration emphasis Master of Arts level (South Dakota State Board of Education, March 20, 2000)

Accreditation and Affiliations

Educational Administration is an approved Principal program and under the authority of the State of South Dakota. Teacher education is a member of Teacher Education Accreditation Council and South Dakota Association of Colleges of Teacher Education. South Dakota state board of nursing, and the national league of nursing approve nursing program. Affiliations of the nursing programs, University of South Dakota nursing program, Salish Kootenai, Sisseton-Wahpeton nursing program, Indian Health Service Pine Ridge and Rosebud, Rapid City Regional hospital, Gordon Memorial hospital, Veterans Administration hospital, Flowering Tree, and Chadron Community hospital.

Governance

The policy making body of the graduate program is the Graduate Policy and Review Committee. Graduate Policy and Review committee is chaired by Director of Graduate Studies, composed of Vice President for Instructional Affairs, academic department chairpersons, faculty with earned Doctorates, and members of the graduate faculty. A recommendation for degree requirements and curriculum originate within each department, moves to the Graduate Policy and Review Committee, is subject to review by the Graduate

Faculty, Vice President for Instructional Affairs, requires action by the President of Oglala Lakota College, and the Board of Trustees.

GENERAL ADMISSION TO DO GRADUATE STUDY

Students may enroll in graduate courses after they have made application for graduate study. The procedure requires students to complete the application and request all college transcripts sent directly to the Graduate office. Students who wish to be admitted to a graduate degree program must have a baccalaureate degree from an accredited institution.

Philosophy/Mission Statement

Graduate program is committed to the belief that the leaders and managers who will take the Lakota into the 21st century must have a foundation in Lakota language, spirituality, belief, values, thought and philosophy. Delivery of the curriculum is guided by the principle that Lakota leaders work for, with, and among the people, rather than for personal or material gain. The rigor of the program will be a source of pride for dedicated professionals. Our graduates strive to demonstrate Wolakota, excellence and confidence as they translate theory into quality practice.

Vision

It is the vision of the Graduate Program to foster Wolakota within professionals as they continue in their training to become leaders and managers; Lakota leaders who will live; preserve; and continue the Lakota way of life for coming generations. The ultimate goal is the establishment of a Lakota university.

PURPOSE OF GRADUATE PROGRAM

The purpose of the graduate program at Oglala Lakota College is to develop individual management and leadership skills that are harmonious with Lakota values. Further, the knowledge base of the graduate program is designed to produce students with expanded intellectual application, independence in reading and research, using critical thinking skills in decision making, and ability to design and implement change through strategic planning.

GRADUATE PROGRAM OBJECTIVES

Oglala Lakota College's graduate programs of study are designed to expand understanding of contemporary society through a full application of the Lakota culture and its world relationships; to increase knowledge in a particular area; to challenge values and philosophy; to encourage independent research, and implementation; to develop and refine communication skills; to foster reflective thinking processes; to provide intellectual stimulation and a foundation for continued study.

MASTER OF ARTS DEGREE IN LAKOTA LEADERSHIP/MANAGEMENT

The Board of Trustees (BOT) created the Graduate Studies Department on April 1995 because of increased demand for graduate courses and degrees. The current graduate program is a Master of Arts degree in Lakota Leadership and Management. In 1998, North Central Accreditation Association granted approval for the Educational Administration component of the degree.

The Belief of this degree program is dedicated to the reality that Lakota leaders and managers must have a foundation in Lakota beliefs, values, thought, and philosophy. Specifically, the curriculum is guided by the principal that traditional Lakota beliefs recognized a leader as someone who works for, with and among the

people, rather than above them, someone who lives for the people and takes action that is for the people rather than for personal and material gain.

The Goal: The graduate leaders who are sage managers/leaders in the Lakota community.

Requirements of Lakota Leadership/Management Degree

The following are required for Lakota Leadership/Management graduate program.

1. A Bachelor degree from a Regionally Accredited Institution.
2. A 2.5 GPA with 3.0 in major field.
3. Completion of LakM 513, 533 & 603 prior to admission to program of study.
4. Must have a 3.0 GPA in all undergraduate Language Arts course work.
5. Official admittance to do graduate program emphasis 30 days following completion of nine (9) hours and application.
6. Have and maintain a 3.0 GPA or higher for program of graduate study.

Lakota Leadership/Management Course Descriptions:

Note: LakM 513, 533 and 603 are prerequisites to all course work. Course work is to be taken sequentially.

LaKM 603 Wowapi Wocun Na Wounspe Wankatuyahci Glustanpi Kte Kin Hena
(Research, Writing, and Statistics for Graduate Work)

This course is designed for new graduate students. The purpose of the course is to provide students an introduction to graduate study developing specific writing skills and a knowledge base needed to be successful in the graduate program, i.e.: Formulating the question, developing hypothesis, developing a project model, reviewing literature, data collection, technical writing using APA style, and adapting research to appropriate audiences. Lakota values of honesty, courage, and fortitude will be emphasized. Lakota language will be spoken as much as possible during class hours.

3 graduate credits

LakM 513 Lakota Woitanan Na Wokicanye Kin Un Oegleyapikte
(Lakota Foundations for Leadership/Management)

This course is the introductory course to the graduate program. Students will explore Lakota philosophy and theology, the foundation of Lakota leadership/management. Students will examine Lakota Leadership and management strategies by studying contemporary and historical Lakota leaders and managers' strategies, thereby developing their management strategies to address the unique environment of the reservation. Lakota values emphasized in this course: respect, generosity, and humility. Lakota language will be spoken as much as possible during class hours. Prerequisite: LakM 603

3 graduate credits

LaKM 523 Lakota Woitanan Na Wowasi Icacakagapikte
(Lakota Leadership and Professional Development)

This course is designed for students to examine values, belief system, and life style to gain an understanding of and to determine their leadership style. Students will analyze leadership to determine the impact they have on society. Finally, students will study leadership styles and develop strategic plan(s) for professional development. The course will emphasize Lakota values: Respect, courage, humility, and generosity. The Lakota language will be spoken as much as possible during class hours.

3 graduate credits

LakM 533 Tiospaye
(Lakota Social Organization)

This course is an in-depth analysis of Lakota political, economic, religious system, and a strong emphasis on interpreting the relationships between various aspects of Lakota social organization and Lakota leadership and management practices. This course will emphasize the Lakota values of respect and humility. Lakota language will be spoken as much as possible during class hours.

3 graduate credits

LakM 543 Lakota Woitanacan Un Woglaka Unspe Icciyapikte
(Lakota Leadership Communication Skills)

This course is designed to furnish students an awareness of, to gain knowledge of, and to practice listening skills, Lakota oratory, and appropriate methods of expression of Lakota values. It will examine and explore non-defensive and non-offensive speaking styles, oral advocacy, and working within conflict situations. Further an in-depth study of skills in decision making, self-expression, consensus building techniques and strategies of negotiation. Finally, a comparison and contrast of combative communication styles of communication with the Lakota style of communication. This course will emphasize the Lakota value of respect. The Lakota language will be spoken as much as possible during class hours.

3 graduate credits

LakM 553 Wowasake Na Tiospaye Wounspe
(Power and Community)

The principle objectives of this course are to assess how historical processes associated with European expansion and colonization have affected the culture and social organization of indigenous peoples, and to discuss ways of using assessment to form action for change. Further study into the effects of the market system, of missionizing, of integration into the capitalist world system, and of colonization, on community life. Final study will include an examination of past and ongoing resistance and struggle of indigenous and oppressed people in North and South America to protect their communities, preserve their cultures, and to achieve self-determination. Course will emphasize Lakota values of respect, humility, and courage. The Lakota language will be spoken as much as possible during class hours.

3 graduate credits

LakM 563 Tiyospaye Okolakiciye Wounspe
(Community Organizing)

Course content is a critical examination of the process of organizing communities and achieving community change. Course emphasizes Lakota values of respect and courage. The Lakota language will be spoken as much as possible during class hours.

3 graduate credits

LakM 573 Maza Ska Okicanye Wounspe
(Financial Management)

A course designed to develop understanding of and the ability to monitor financial management systems. Focus: Budgets and business management accounting for nonprofit and profit organizations, audit analysis and spreadsheets and Indian School Equalization Program (ISEP). Course will emphasize Lakota values of respect and honesty. Lakota language will be spoken as much as possible during class hours.

3 graduate credits

LakM 583 Lakota Tamakoce Un Wokicanye Na Woanwanyanke Wounspe
(Lakota Environment Management and Protection)

This course is designed for students to examine global, political economic, and ideological forces that underlie the environmental crises. It is further designed for students to compare the Lakota view of the relationship

of human beings to nature with those of other cultures. Finally, strategies and tactics that can be implemented to protect.

The environment will be explored. Course emphasizes Lakota values of respect and courage. Lakota language will be spoken as much as possible during class hours.

3 graduate credits

LakM 593 Lakota Kin Iyecinka Igloayapi Kta Un Hecel Eglepli kte Wounspe
(Establishing Lakota Sovereignty)

This course is designed for students to examine: The constraints and the possibilities permitted under the current federal-Indian relationship. They will learn the development and implementation process of asserting and exercising tribal rights to make decisions as a society with the full attributes of a sovereign nation including recognition by other governments. Course will include a review of past and current activities of tribal involvement at the international level. Course will emphasize Lakota values of respect and courage. Lakota language will be spoken as much as possible during class hours

3 graduate credits

LakM 596 Tiospaye Ecel Waecunpi kta Wounspe
(Community Action Project)

Community Action Project is original research designed collaboratively by student and faculty advisor. Results of research are presentation and implementation of project. The Process: Topic selection, proposal submission, project development, project documentation (technical paper), and implementation. Note: only those students who have completed 30 hours of the program may register for this course.

6 graduate credits

EDUCATIONAL ADMINISTRATION EMPHASIS

Requirements for educational administration emphasis

1. Requirements for the **Elementary Principal**:
 - a) A master's degree from a college or university approved for teacher education;
 - b) Four years of teaching experience at the elementary level on an elementary teacher endorsement or another endorsement which includes the elementary grades;
 - c) The completion of an approved program for elementary principals at a college or university.
2. Requirements for the **Secondary Principal**:
 - a) A master's degree from a college or university approved for teacher education;
 - b) Four years of teaching experience at the secondary level on a secondary teacher endorsement or another endorsement, which includes the secondary grades;
 - c) The completion of an approved program for secondary principals at a college or university.
3. A 2.5 GPA with 3.0 in major field.
4. A 3.0 GPA in all undergraduate Language Arts course work.
5. Completion of LakM 513, 533, and 603 prior to admission to program of study.
6. Official admittance to do graduate program emphasis 30 days following completion of nine (9) hours and application.
7. Have and maintain a 3.0 GPA or higher in all course work (program of study).

Educational Administration Course Descriptions

Note: LakM 513, 533, and 603 are core requirements to Educational Administration emphasis. Course work is to be taken sequentially and are prerequisites to course work.

LaKM 603 Wowapi Wocun Na Wounspe Wankatuyahci Glustanpi Kte Kin Hena
(Research, Writing, and Statistics for Graduate Work)

This course is designed for new graduate students. The purpose of the course is to provide students an introduction to graduate study developing specific writing skills and a knowledge base needed to be successful in the graduate program, i.e.: Formulating the question, developing hypothesis, developing a project model, reviewing literature, data collection, technical writing using APA style, and adapting research to appropriate audiences. Lakota values of honesty, courage, and fortitude will be emphasized. Lakota language will be spoken as much as possible during class hours.

3 graduate credits

LakM 513 Lakota Woitanca Na Wokicanye Kin Un Oegleyapikte
(Lakota Foundations for Leadership/Management)

This course is the introductory course to the graduate program. Students will explore Lakota philosophy and theology, the foundation of Lakota leadership/management. Students will examine Lakota Leadership and management strategies by studying contemporary and historical Lakota leaders and managers' strategies, thereby developing their management strategies to address the unique environment of the reservation. Lakota values emphasized in this course: respect, generosity, and humility. Lakota language will be spoken as much as possible during class hours. Prerequisite: LakM 603

3 graduate credits

LakM 533 Tiospaye
(Lakota Social Organization)

This course is an in-depth analysis of Lakota political, economic, religious system, and a strong emphasis on interpreting the relationships between various aspects of Lakota social organization and Lakota leadership and management practices. This course will emphasize the Lakota values of respect and humility. Lakota language will be spoken as much as possible during class hours.

3 graduate credits

LMEA 703 Wowapi Wounspe Itanca
(Instructional Supervision)

This course is designed for students to examine values, belief system, and life style to gain understanding of and to determine their leadership style. Students will analyze leadership styles to determine the impact they have on society and schools. Students will study and understand the role of administrators in general supervision of educational programs. Finally, students will study leadership styles and develop strategic plan(s) for professional development.

3 graduate credits

LMEA 713 (E) Wayawapi Itanca ñ School Administration
LMEA 713 (M) Kucila (Elementary); Eyokogna (Middle); Wakatuya (Secondary)
LMEA 713 (S)

This course is designed to furnish students an awareness of, gain knowledge of, practice listening skills. It will examine and explore non-defensive and non-offensive speaking styles, oral advocacy, and working within conflict situations. Further, an in-depth study of skills in decision-making, self-expression, consensus building techniques and strategies of negotiation, and a comparison and contrast of combative communication styles of communication. Finally, a study of problems and practices in organizing and administering school programs and how communication is the knowledge base for success. Students will enroll for level of administration

for which they are seeking endorsement. LMEA 713-(E)lementary, LMEA 713-(M)iddle school, LMEA 713-(S)econdary. 3 graduate credits

LMEA 723 Woksape
(Counseling Theories and Socio-culture Foundations)

A study assessing how historical processes associated with European expansion and colonization affected culture and social organization of indigenous peoples. Specifically, effects of the market system, missionizing, integration into the capitalist world system, and colonization. Finally, a study of current counseling theories, emphasizing counseling relationships and intervention strategies, focusing on counseling methods for schools, agency and college counselors.

3 graduate credits

LMEA 733 Oyate Wicoun
(Fundamentals of Curriculum Development)

This course is designed to focus on school curriculum through an examination of principles and practices essential to developing and administering curricular programs, including knowledge and understanding of measurability, scope and sequence taxonomy, program designs, and fit between a planned program and an implemented one.

3 graduate credits

LMEA 743 Mazaska Wounspe Okicanye
(School Finance)

A course designed to develop understanding and the ability to monitor financial management systems. Focus: Budgets and business management accounting for nonprofit, audit analysis and spreadsheets, Indian School Equalization Program (ISEP), Public school finance, management of plant, equipment, insurance, transportation, and food services.

3 graduate credits

LMEA 796 Wayawa Tiyospaye Woecun Wicokan
(School Community Action Project/Internship)

School Community Action Project (SCAP) is original research designed collaboratively by student and faculty advisor. Results of research are presentation and implementation of project. The process: Topic selection, proposal submission, project development, project documentation (technical paper), and a semester of internship that culminates an implementation of School Community Action Project (SCAP). Internship is on-the-job experience while implementing SCAP, under the supervision of Graduate program staff. Internship is part of the School Community Action Project (SCAP) course. Internship is designed to take place over a period of two (2) semesters serving under a licensed principal at elementary, middle, or secondary level. Students are required to have completed thirty (30) hours of their program before applying for Internship. Students can be placed in any accredited South Dakota school and schools in other states having reciprocity with South Dakota. Director of Graduate Programs will supervise students serving an internship.

Note: only those students who have completed 30 hours of the program may register for this course.

6 graduate credits

LakM 583 Lakota Tamakoce Un Wokicanye Na Woawanyanke Wounspe
(Lakota Environment Management and Protection)

This course is designed for students to examine, global, political, economic, and ideological forces that underlie the environmental crises. It is further designed for students to compare the Lakota view of the relationship of human beings to nature with those of other cultures. Finally, strategies and tactics that can be implemented to protect the environment will be explored. Course emphasizes Lakota values of respect and courage. Lakota language will be spoken as much as possible during class hours.

3 graduate credits

LakM 593 Lakota Kin Iyecinka Igloayapi Kta Un Hecel Eglepli kte Wounspe
(Establishing Lakota Sovereignty)

This course is designed for students to examine: The constraints and the possibilities permitted under the current federal-Indian relationship. They will learn the development and implementation process of asserting and exercising tribal rights to make decisions as a society with the full attributes of a sovereign nation including recognition by other governments. Course will include a review of past and current activities of tribal involvement at the international level. Course will emphasize Lakota values of respect and courage. Lakota language will be spoken as much as possible during class hours!
3 graduate credits

LMEA 603 Owayawa Ta Woupe
(School Law)

Principles of law applicable to practical problems of school organization and administration. Study of organizational structure and administrative procedures at the federal, state, and local government level used in education/special education service delivery systems.
3 graduate credits

LMEA 753 Nagi Wounspe Wakatuya
(Advanced Educational Psychology)

Learning process with special emphasis on human abilities, early and contemporary learning theories with applications to selected developments in teaching and persistent problems and issues in education.
3 graduate credits

LMEA 763 Wopasi Wounspe
(Statistics)

An introductory yet comprehensive survey of elementary statistical analysis in educational research. Computer-oriented.
3 graduate credits

LMEA 773 Wopasi Wocun
(Survey Design)

A course designed to prepare graduate students in social context of question asking and designing questionnaires from start to finish.
3 graduate credits



GRADUATE PROGRAM
Master of Arts Degree Lakota Leadership and Management

Status Sheet

Core

Lak/M 603*	Wowapi Woecun Na Wounspe Wankatuyahci Glustanpi Kte Kin Hena (Research, writing and statistics for graduate work.)	3 hrs.
Lak/M 513*	Lakota Woitancan Na Wokicanye Kin In Oegleyapikte (Lakota Foundations for leadership and management)	3 hrs.
Lak/M 533*	Tiospaye (Lakota Social Organizations)	3 hrs.

Required

Lak/M 523	Lakota Woitancan Na Wowasake Icicakagapikte (Lakota Leadership & professional development)	3 hrs.
Lak/M 543	Lakota Woitancan Un Woglaka Unspe Iciciyapikte (Lakota leadership communication skills)	3 hrs.
Lak/M 553	Wowasake Na Tiospaye Wounspe (Power and Community)	3 hrs.
Lak/M 563	Tiospaye Okalakiciye Wounspe (Community Organizing)	3 hrs.
Lak/M 573	Maza Ska Okicanye Wounspe (Financial Management Administration)	3 hrs.
Lak/M 583	Lakota Tamakoce Un Wokicanye Na Woawyanke Wounspe (Lakota Environmental management and protection)	3 hrs.
Lak/M 593	Lakota Kin Iyecinka Igloayapi Kta Un Hecel Eglepikte Wounspe (Establishing Lakota Sovereignty)	3 hrs.
Lak/M 596**	Tiospaye Ecel Waecunpi Kta Wounspe (Community Action Project)	3 hrs.

Total: 36 hrs.

*Core required courses. These courses to be successfully completed prior to enrollment in other LakM courses.

**LakM 596 to be taken after 30 hours of coursework is successfully completed.

**Master of Arts Degree
Lakota Leadership and Management
Emphasis in Educational Administration**

Core

Lak/M 603	Wowapi Woecun Na Wounspe Wankatuyahci Glustanpi Kte Kin Hena (Research, writing and statistics for graduate work)	3 hrs.
Lak/M 513	Lakota Woitancañ Na Wokicanye Kin Oeglayapikte (Lakota Foundations for leadership and management)	3 hrs.
Lak/M 533	Tiospaye (Lakota Social Organization)	3 hrs.

Required

LMEA 703	Wowapi Wounspe Itancañ (Instructional Design)	3 hrs.
LMEA 713	Wayawapi Itancañ ñ (School Administration) Kucila (Elementary), Eyokogna (Middle), Wakatuya (Secondary)	3 hrs.
LMEA 723	Woksape (Counseling Theories and socio-culture foundations)	3 hrs.
LMEA 733	Oyate Wicoun (Fundamentals of Curriculum Development)	3 hrs.
LMEA 743	Mazaska Wounspe Okicanye (School Finance)	3 hrs.
LMEA 796	Wayawa Tiospaye Woecun Wicokan (School Community Action Project and Internship)	3 hrs.

Electives

Lak/M 583	Lakota Tamakoce Un Wokicanye Na Woanwanyanke Wounspe (Lakota Environment Management and Protection)	3 hrs.
Lak/M 593	Lakota Kin Iyecinka Igloayapi Kta Un Hecel Eglepikte Wounspe (Establishing Lakota Sovereignty)	3 hrs.
LMEA 603	Owayawa Ta Wounspe (School Law)	3 hrs.
LMEA 753	Nagi Wounspe Wakatuya (Advanced Educational Psychology)	3 hrs.
LMEA 763	Wopasi Wounspe (Statistics)	3 hrs.
LMEA 773	Wopasi Woecun (Survey Design)	<u>3 hrs.</u>

36 hrs.

See Graduate Program Catalog and Graduate Policy for more information. The revised Graduate Policies have been approved by BOT, May 29, 2002. Graduate Program Catalog and Graduate Policy are available in Graduate Studies office.

2003-2004 Catalog

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Schlotman, Robert B.A. Mathematics Valley City State College ND	Three Stars-Valandra, Cheryl B.A. University of South Dakota Juris Doctor Univesity of South Dakota	Wick,Ron M. Business Admin. Cornell Univ. B.S. Science & Education St.Johnís Univ.
Schmidt, Janis B.S. Secondary Eduation Minot State College M.S. Integrated Media Minot State College	Twin, Irvine B.S. English Ferrum College Virginia	WolfBlack, Selena Known Expertise in Lakota Studies
Silva, A.J. M.S. Hazardous Waste Mang. Idaho State Univ. B.S. Mining Engineering SDSM&T B.S. History Education Univ. of South Dakota	Two Crow, Robert M.S. Elementary Administration South Dakota State Univ. B.S. Elementary Education Oglala Lakota College	Yankton, Michelle B.S. Business Admin. Oglala Lakota College
Simmons, Sharon B.S. Elementary Education Teacher Certificate	Two Dogs, Rick (Richard) Known Expertise in Lakota Studies	Yellow Boy, Linda A.A. Lakota Studies Oglala Lakota College
Shangreaux, Donovan M.S. Business Admin B.S. Business Magnt. Black Hill State	Two Eagle, Rhonda B.S. Elementary Education Oglala Lakota College	Young, Alice A.A. Business Admin. Oglala Lakota College

