

**Associate of Arts in Information Technology  
and  
Bachelor of Science in Information Technology  
Years One and Two**

**Year One**

**Fall Semester One**

IT 103 Theory of Computational Devices  
CORE  
CORE  
CORE  
CORE  
CORE

**Spring Semester Two**

SCI 113 Technical Writing  
CORE  
CORE  
CORE  
CORE  
CORE  
CORE

**Year Two**

**Fall Semester Three**

IT 153 Survey of Operating Systems  
IT 203 Programming  
IT 243 Introduction to Networks  
IT 290a Internship in IT

**Spring Semester Four**

IT 253 Supporting Workstations  
IT 273 Bus Informations Systems Management  
Math 253 Discrete Structures  
IT 290b Internship in IT

**Option 1 – IT**

IT 134 A+ Certification

**Option 2 – MIS**

MIS 143 Intro to  
Spreadsheets

**Option 1 – IT**

IT 224 PC Design and  
Assembly

**Option 2 – MIS**

MIS 213 Concepts of  
Database Management

**Bachelor of Science in Information Technology**  
**Option One – Information Technology**

**Year Three**

**Fall Semester Five**

Literature Elective  
 IT 323 Command Line Interface  
 IT 333 Network Administration  
 IT 343 Application Software TnT  
 IT Elective

**Spring Semester Six**

Lakota Elective  
 IT 363 Impl & Admin of Web Servers  
 IT 404 Network Protocols  
 IT Elective  
 IT Elective

**Year Four**

**Fall Semester Seven**

IT 423 Supporting Network Operating Systems  
 IT 474 Network Analysis  
 IT Elective  
 IT Elective  
 IT 490a Internship in IT

**Spring Semester Eight**

Lakota Elective  
 IT 453 Network Security  
 IT Elective  
 IT Elective  
 IT 490b Internship in IT

**Bachelor of Science in Information Technology**  
**Option Two – Management Information Systems**

**Year Three**

**Fall Semester Five**

MIS 333 Database Development & Design I  
 MIS 374 Structured Query Language  
 IT 303 Introduction to UNIX

**Spring Semester Six**

MIS 343 E-Commerce Technology  
 Math 313 Applied Statistics  
 MIS 423 Database Development & Design II 323

**Year Four**

**Fall Semester Seven**

MIS 413 Systems Analysis and Design  
 IT 323 Command Line Interface  
 IT 373 Web Design Fundamentals  
 IT490a Internship in IT

**Spring Semester Eight**

IT 383 Current Topics in Info Technology  
 IT 490b Internship in IT