

Diploma Requirements

For more information contact:

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IT DATA SUPPORT: D25590A

Required Courses: 48 credit hours

Suggested Full-Time Schedule: The following suggested schedule is based on full-time enrollment.

Part-Time Students: Begin with CTI 110, and CTI 120. Continue with sequence of required courses. General education courses may be taken at any time.

First Semester (Fall – Year 1)

| Course | Credit Hours | Title | Notes |
|-------------------------------|--------------|----------------------------------|-------|
| ENG 111 | 3 | Writing and Inquiry | |
| CIS 110 | 3 | Intro to Computers | |
| CTI 110 | 3 | Web, Programming & DB Foundation | |
| CTI 120 | 3 | Network and Security Foundation | |
| NOS 110 | 3 | Operating System Concepts | |
| Total: 15 Credit Hours | | | |

Second Semester (Spring – Year 1)

| Course | Credit Hours | Title | Notes |
|-------------------------------|--------------|-------------------------------------|-------|
| BAS 120 | 3 | Intro to Analytics | |
| CTS 130 | 3 | Spreadsheet | |
| DBA 110 | 3 | Database Concepts | |
| DBA 240 | 3 | Database Analysis/Design | |
| ENG 114 | 3 | Professional Research and Reporting | |
| Total: 15 Credit Hours | | | |

Third Semester (Fall – Year 2)

| Course | Credit Hours | Title | Notes |
|-------------------------------|--------------|---|------------|
| CTS 115 | 3 | Info Sys Business Concepts | |
| CTS 240 | 3 | Project Management | |
| DBA 120 | 3 | Database Programming | |
| DBA 125 | 3 | Database Reporting, Data Visualization | CHOOSE ONE |
| BAS 121 | 3 | | |
| | 6 | IT Database Management Electives. | |
| Total: 18 Credit Hours | | | |

Electives Students must select six credits from the following options.

| Course | Credit | Title | Course | Credit | Title |
|---------|--------|---------------------------|---------|--------|----------------------------------|
| CTS 155 | 3 | Tech Support Functions | OST 184 | 3 | Records Management |
| CTS 210 | 3 | Computer Ethics | SEC 110 | 3 | Security Concepts |
| CTS 225 | 3 | Spreadsheet Data Analysis | WBL 111 | 1 | Work-Based Learning I (10 hrs) |
| CTS 287 | 3 | Emerging Technologies | WBL 112 | 2 | Work-Based Learning II (20 hrs) |
| DBA 221 | 3 | SQL Server DB Prog II | | | |

For information about graduation requirements, prerequisites and corequisites, please refer to the catalog.

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