

Computer Information Systems (CIS) – Certificate Program

The Courses in CIS

1. support the Computer Science (CS) Program as electives
2. offer CS and non-CS students preparation for specialty certification in CIS
3. and enhance a student's marketability for Internships in all areas.

Prerequisite:

Prerequisite: completed at least 45 hours

1. Students will have developed Critical Thinking Skills
2. Students have matured when applying for Internships

Courses:

1. Network Administration (CIS 3321)
2. Operating System Administration (CIS 3325)
3. Windows Server Administration (CIS 3326)
4. Fundamentals of Information Systems Security (CIS 4328)
5. Information Technology Service Management (CIS 3318)
6. Agile Methods for Software Development (CIS 3324)
7. Database Administration Fundamentals (CIS 4327)

Certificate Program Groupings

Each program is composed of a core course and two supporting courses.

Network Administration Certificate Program (prepared for Network Administrators)

1. Network Administration (CIS 3321)
2. Operating System Administration (CIS 3325)
3. Windows Server Administration (CIS 3326)

System Security Certificate Program (prepared for System Security Administrators)

4. Fundamentals of Information Systems Security (CIS 4328)
5. Information Technology Service Management (CIS 3318)
2. Operating System Administration (CIS 3325)

Database Administration Certificate Program (prepared for Database Administrators)

7. Database Administration Fundamentals (CIS 4327)
5. Information Technology Service Management (CIS 3318)
3. Windows Server Administration (CIS 3326)