

Advanced Information Technology Certificate

Advanced Information Technology Certificate Requirements

18 credits

Code	Title	Hours
IT 2300	Database Design & Management (Prerequisites: CS 1400 AND IT 1100; OR CS 1410)	3
IT 2400	Intro to Networking	3
IT 2500	Cloud Computing	3
IT 3100	Systems Design and Administration (Prerequisite: CS 1400 and IT 2400; or IT 1100 and CS 3150)	3
IT 4060	Big Data Analytics (Prerequisite: STAT 2040 or MATH 1040)	3
or IT 4070	Data Visualization and Storytelling	
IT 4910R	Special Topics in Applied Technology	3

Completion Requirements

1. Cumulative GPA of 2.0 or higher
2. Grade C or higher in all required courses.

Advanced Information Technology Certificate Program Learning Outcomes

At the successful conclusion of this program, students will be able to:

1. Administer computing resources to support organizational needs, including networks and operating systems.
2. Identify and resolve technical problems using troubleshooting techniques.