Computer Information Systems - Information Technology Support Certificate (CIS.ITS.CT)

Certificate

Business, Management, Marketing and Technology

Auburn Hills Campus

The Computer Information Systems (CIS) certificates are designed for students who need specialty skills in a particular area of information technology that will help satisfy current of future employment requirements. Unlike associate degrees, certificate programs assume that students already have obtained or do not require general education skills and are now looking for education in a specific area of computer technology. Therefore, all of the courses within a certificate program are chosen to develop these specific technical skills in a shorter amount of time than what would be required in an associate degree program. All CIS courses use current computer tools and place an emphasis on practical application to provide a relevant learning environment.

This certificate is awarded to students who successfully complete all core requirements plus the list of courses for at least one focus area.

A separate certificate is not awarded for each focus area. One certificate may be awarded from 1 to 3 types of focus areas.

Program Webpage - Click Here (https://www.oaklandcc.edu/programs/cis/infotechsupport.aspx**)**

Program Outcomes and Full Time Plan Example - Computer and Systems Support Focus Area - Click Here (https://www.oaklandcc.edu/program-plan/cis.its.ct-computer/**)**

Program Outcomes and Full Time Plan Example - Database Technology and Administration Focus Area - Click Here (https://www.oaklandcc.edu/program-plan/cis.its.ct-database/**)**

Program Outcomes and Full Time Plan Example - Network Technology and Administration Focus Area - Click Here (https://www.oaklandcc.edu/program-plan/cis.its.ct-network/**)**

Code	Title	Credit Hours
Core Requirements		**16**
CIS 1200	Introduction to Database Systems	4
CIS 1300	Networking Concepts	4
CIS 1600	Fundamentals of Cybersecurity	4
CIS 2232	Fundamentals of System Support	4
Choose one or more of the following focus areas.		
Computer and Systems Support Focus Area:		**18**
CIS 1305	CCNA Studies I: Introduction to Networks	4
CIS 2434	Introduction to Linux and Unix Administration	3
CIS 2535	Microsoft Windows Server Administration	3
CIS 2838	System Security	4
CIS 2980	Computer Service Technologies & Techniques A+	4
Total Credit Hours - Computer and Systems Support		**34**
Database Technology and Administration Focus Area:		**19**
CIS 2515	Database Design and Management with Oracle SQL	4
CIS 2616	Database Application Design and Development with Oracle PL/SQL	4
CIS 2637	Big Data and NoSQL Systems	3
CIS 2737	Database Administration	4
CIS 2838	System Security	4
Total Credit Hours - Database Technology and Administration		**35**
Network Technology and Administration Focus Area:		**18**
CIS 1305	CCNA Studies I: Introduction to Networks	4
CIS 1310	CCNA Studies II: Switching, Routing, and Wireless Essentials	4
CIS 2434	Introduction to Linux and Unix Administration	3
CIS 2535	Microsoft Windows Server Administration	3
CIS 2636	Network Administration	4
Total Credit Hours Network Technology and Administration		**34**

A minimum cumulative 2.00 grade point average (GPA) overall is required for graduation.