Computer Information Systems - Information Technology Support Option (CIS.ITS.AAS)

Associate in Applied Science

Business, Management, Marketing and Technology

Auburn Hills Campus

The Computer Information Systems (CIS) associate degrees are designed for students who need general education (e.g., communication, science, mathematics, fine arts, social science) combined with a solid foundation in the fundamental computer skills that are generally required to design, create, and test software, or analyze business system requirements and design solutions, or support and protect the operation of technology resources. These fundamental computer skills are commonly required by most four-year educational programs that offer the types of bachelor degrees most employers look for when hiring information technology professionals. All CIS courses use current computer tools and place an emphasis on practical application to provide a relevant learning environment.

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

Program Outcomes and Full Time Plan Example - Click Here **(**https://www.oaklandcc.edu/program-plan/cis.its.aas**)**

Code	Title	Credit Hours
Major Requirements		
CIS 1200	Introduction to Database Systems	4
CIS 1300	Networking Concepts	4
CIS 1500	Introduction to Programming (Java)	4
CIS 1600	Fundamentals of Cybersecurity	4
CIS 2111	Systems Analysis and Design (UML)	4
CIS 2232	Fundamentals of System Support	4
CIS 2434	Introduction to Linux and Unix Administration	3
CIS 2535	Microsoft Windows Server Administration	3
CIS 2636	Network Administration	4
CIS 2737	Database Administration	4
CIS 2838	System Security	4
CIS 2980	Computer Service Technologies & Techniques A+	4
Required Supportive Courses		
COM 1290[1]	Interpersonal Communication	3
ENG 1510[1]	Composition I	3-6
or ENG 1510E	Composition I Enhanced	4
or ENG 1510S	Composition I with Support	6
MAT 1150[1]	Intermediate Algebra (or higher level except MAT 1525, MAT 2530 or MAT 2540)	(3-4)
PHI 1710[1]	Introduction to Informal Logic	3
or PHI 2710	Introduction to Formal Logic	3
Total Credit Hours for Program-Related Courses		**58-60**
General Education Requirements		
Communication / English (3-credits)		
Satisfied		
Fine Arts / Humanities (3-credits)		
Satisfied		
Mathematics / Science (3-credits)		
Satisfied		
Social Science (3-credits)		3
Complete 3 credits from Social Science courses listed in the General Education Distribution List (http://catalog.oaklandcc.edu/graduation-requirements/general-education-distribution/#social-science)		
Written Communication (3-credits)		
Satisfied		
Additional elective credits needed to meet requirements for an Associate in Applied Science degree		**0-1**
Total Credit Hours		**61-66**

[1]

Course may be used to meet General Education requirements.

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