

# Computer Information Systems - Cybersecurity Certificate (CIS.CYS.CT)

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## 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 or 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.

**Program Plan Example** - Click Here (<https://www.oaklandcc.edu/program-plan/cis.cys.ct>)

Code	Title	Credit Hours
<b>Major Requirements</b>		
CIS 1300	Networking Concepts	4
CIS 1550	Introduction to Secure Programming	3
CIS 1600	Fundamentals of Cybersecurity	4
CIS 1610 or CIS 2131	Data Security Python Programming	4 4
CIS 1620	Introduction to Cryptography	4
CIS 1630	Security Policy, Legal, Ethics and Compliance	3
CIS 2434	Introduction to Linux and Unix Administration	3
CIS 2535	Microsoft Windows Server Administration	3
CIS 2838	System Security	4
CIS 2845	Computer Forensics	4
<b>Total Credit Hours</b>		<b>36</b>

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