COMPUTER INFORMATION SYSTEMS, NETWORKING, MINOR

Minor in Computer Information Systems, Networking (244207M)

The Computer Network minor gives students the opportunity to gain practical skills in computer networking, routing, and WAN technology.

The following information has official approval of **The Department of Computer Science** and **The College of Engineering and Polymer Science**, but is intended only as a guide. Completion of this certificate is contingent upon many factors, including but not limited to: class availability, total number of required credits, work schedule, finances, family, course drops/withdrawals, successfully passing courses, prerequisites, among others.

The following courses constitute a "Computer Information Systems, Networking" and must be completed with a minimum grade point average of 2.0 overall for the minor to be noted on the student's record. Please refer to the University Requirements for Minor Areas of Study (https://bulletin.uakron.edu/undergraduate/important-policies/graduation-requirements/#minor-req) for specific graduation information regarding minors.

Summary

Code	Title	Hours
Computer Networking Minor Required Courses		12
Computer Networking Minor Technical Electives		6-7
Total Hours		**18-19**

Computer Literacy Placement

Students must pass a Computer Literacy Placement test or complete the bridge course CISS 105 Introduction to Computers and Application Software with a grade of C- or better prior to enrolling in the technical courses for this program. This class does not count towards program requirements.

Computer Networking Minor Required Courses

Code	Title	Hours
CISS 145	Introduction to Unix/Linux	3
CISS 201	Networking Basics	3
CISS 202	Router and Routing Basics	3
CISS 204	Enterprise Networking	3
Total Hours		**12**

Computer Networking Minor Technical Electives

Code	Title	Hours
Select 6 credits from the list of CISS Electives		**6-7**
CISS 300	Network Authentication and Security	
CISS 310	Wireless Networking	
CISS 388	Advanced UNIX/Linux	
CISS 400	Advanced Routing	

Note on Transfer Credit

Transfer credit for courses in the minor is accepted only when the transfer grade is C- or better.