2023-24 ACADEMIC PROGRAMS

2023-2024 COMPUTER SYSTEMS AND NETWORKING (APCSN)

Description

In this associate degree program, students will learn about the latest desktop, server, and networking technologies. This program has a core of hardware, operating system, networking, and scripting courses that all students must complete. In addition to the common core subjects, students will select a specialized track in one of the following areas: Local and Wide Area Networking, Microsoft Network Operating Systems (Server and Client), and Linux Network Operating Systems.

Articulation

Eastern Michigan University, several BS degrees Copies can be obtained from the Counseling Office, a program advisor, or from the Curriculum and Assessment Office Web site: https://www.wccnet.edu/learn/transfer-wcc-credits/articulation-agreements.php.

Concentrations

Microsoft Network Operating System (MNOS)

First Semester

Class	Title	Minimum Credits
CST 118	Microsoft Command Line Fundamentals	2
CST 160	Computer Technology I	4
CST 165	Computer Technology II	4
CST 185	Local and Mobile Networking Essentials	4
Total		14

Second Semester

Class	Title	Minimum Credits
CIS 120	Linux/UNIX I: Fundamentals	3
CNT 201	Administering Microsoft Windows Client Operating Systems	3
CNT 211	Installation, Storage, and Compute - Windows Server	4
Elective	Math Elective(s)	3
Elective	Speech/Comp. Elective(s)	3
Total		16

Third Semester

Class	Title	Minimum Credits
CNT 206	Introduction to Networks	4
CNT 216	Switching, Routing and Wireless Essentials	4
BMG 205 or	Creating the Customer Experience	
CST 270	Computer Forensics I	3
Elective	Nat. Sci. Elective(s)	3
Elective	Soc. Sci. Elective(s)	3
Total		17

Fourth Semester

Class	Title	Minimum Credits
CNT 223	Networking with Windows Server	4
CNT 224	Identity with Windows Server	4
Elective	Writing Elective(s)*	3
Elective	Arts/Human. Elective(s)	3
Total		14

Total Credits Required: 61

Local and Wide Area Networking (NETW)

First Semester

Class	Title	Minimum Credits
CST 118	Microsoft Command Line Fundamentals	2
CST 160	Computer Technology I	4
CST 165	Computer Technology II	4
CST 185	Local and Mobile Networking Essentials	4
Total		14

Second Semester

Class	Title	Minimum Credits
CIS 120	Linux/UNIX I: Fundamentals	3

CNT 201	Administering Microsoft Windows Client Operating Systems	3
CNT 211 or	Installation, Storage, and Compute - Windows Server	
CNT 223 or	Networking with Windows Server	
CNT 224	Identity with Windows Server	4
Elective	Math Elective(s)	3
Elective	Speech/Comp. Elective(s)	3
Total		16

Third Semester

Class	Title	Minimum Credits
CNT 206	Introduction to Networks	4
CNT 216	Switching, Routing and Wireless Essentials	4
BMG 205 or	Creating the Customer Experience	
CST 270	Computer Forensics I	3
Elective	Nat. Sci. Elective(s)	3
Elective	Soc. Sci. Elective(s)	3
Total		17

Fourth Semester

Class	Title	Minimum Credits
CNT 226	Enterprise Networking, Security, and Automation (ENSA)	4
CNT 290 or	Network Forensics	
CSS 210	Network Perimeter Protection - CCNA Security	4
Elective	Writing Elective(s)*	3
Elective	Arts/Human. Elective(s)	3
Total		14

Total Credits Required: 61

Footnotes

*Students transferring to a 4-year college should consider taking ENG 111 and completing MTA.

Accurate as of 02/15/2024 Information is subject to change without notice.