COMPUTER INFORMATION SYSTEMS - NETWORK ADMINISTRATION, SHORT-TERM TECHNICAL CERTIFICATE

Curriculum Code #6604

Effective May 2025

Division of Engineering, Business and Information Technologies (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/)

The short-term technical certificate network administration provides the certificate holder a foundation in server administration in a Windows server environment. Areas of knowledge covered include but are not limited to: network infrastructure, active directory, server virtualization, server security, fault tolerance, video conferencing, data management and security storage networks. Students will install, configure and maintain file servers, application servers, web servers, email servers, DNS servers and DHCP servers in an integrated and virtualized environment. Certificate is enhanced with exposure to Linux-based servers.

Code	Title	Hours
CISS 121	MICROCOMPUTER APPLICATIONS I	3
CISS 125	OPERATING SYSTEM INTERFACES [1]	3
CISS 145	LOCAL AREA NETWORKS [1]	4
CISS 165	CISCO CCNA V7 INTRODUCTION TO NETWORKING [1]	3
CISS 227	INTRANET/INTERNET NETWORKING [1]	4
CISS 245	NETWORK INTEGRATION AND MANAGEMENT [1]	4
SDEV 101	INTRODUCTION TO THE LCCC COMMUNITY [2]	1
Total Hours		**22**

[1]

Indicates that this course has a prerequisite.

[2]

A student must register for the orientation course when enrolling for more than six credit hours per semester OR any course that would result in an accumulation of 12 or more credit hours.

While completion of this certificate may aid in obtaining employment, many employers recommend the minimum completion of a computer information systems degree program to gain employment in an IT-related field.

Program Contact(s):

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For information about admissions, enrollment, transfer, graduation and other general questions, please contact your advising team (https://www.lorainccc.edu/admissions-and-enrollment/advising-and-counseling/).

More program information can be found on our website. (https://www.lorainccc.edu/it/network-systems/computer-information-systems-network-administration-short-term-certificate/)

Credit for Prior Learning (PLA) options may be available for your program. For more information, please visit our website: www.lorainccc.edu/PLA (http://www.lorainccc.edu/PLA/)

Program Learning Outcomes

1. Install, configure, maintain, and troubleshoot a Windows networking server environment for businesses and organizations.