



DIPLOMA/CERTIFICATE IN MICROSOFT NETWORKING (DMN/CMN)

PROGRAM DESCRIPTION

This program provides students with the necessary skills and academic knowledge to install, configure, manage, and maintain computer network systems and write the Microsoft Certified Solutions Associate (MCSA) Solution Associated in Windows Server 2012 and A+ certification examinations.

PROGRAM OBJECTIVES

Upon completion of this program students should be able to:

1. Demonstrate the ability to install, configure, administer, and troubleshoot PC computer hardware.
2. Demonstrate the ability to install, configure, administer, and troubleshoot functional network operating systems, infrastructure services, equipment (including wireless), security, and protocols.
3. Demonstrate the ability to administer client-server applications.
4. Demonstrate knowledge of security protocols and methodologies.

POTENTIAL JOB POSITION TITLES

Potential entry-level job position titles include network consultant, network administrator, system director, network engineer, and network support engineer.

PROGRAM CONTENT

A minimum of 25.00 semester credit hours is required for graduation.

REQUIRED COURSES

All courses, 25.00 semester credit hours, are required.

Course Number	Course Name	Prerequisite	Semester Credit Hours
IS 185	Computer Architecture and Troubleshooting I *	None	4.00
IS 186	Computer Architecture and Troubleshooting II *	IS 185	4.00
NT 120	Emerging Operating Systems *	IS 185	4.00
NT 180	Network and Server Operating Systems *	IS 112 or IS 186	4.00
NT 200	Network Infrastructure Administration *	NT 180 (NT 160 and NT 170)	4.00
NT 302	Advanced Network Infrastructure *	NT 200	4.00
PD 202	Professional Development II	None	1.00

* For ease of scheduling, 4.00-credit courses may be divided into two 2.00-credit courses with part of the course being covered in an online web "W" section and the other part of the course being covered in a lab "L" section (i.e., IS 185W and IS 185L).