
Network Administrator

Objective: The Network Administrator program is designed to give students the ability to configure and troubleshoot computer hardware and administer and configure Linux and Microsoft networks. In addition, the program is designed to give the student additional experience with Network Infrastructure Administration and Active Directory Services in a theory and laboratory setting. Students are also introduced to Visio Technical Drawing and wiring. Graduates are prepared to assume entry-level positions as network administrators or network technicians.

Empire College is a Microsoft Developers Network Academic Alliance (MSDN AA) member and uses a teaching program prescribed by Microsoft to prepare graduates for certification as Microsoft Certified Professionals (MCPs) at the product level.

The student is prepared for seven certifications:

CompTIA A+ Technician

CompTIA Network+

Microsoft Certification at the product level (MCP-Microsoft Certified Professional) in four areas:

Windows 7 Professional, Installing and Configuring Windows Server 2012, Administering Windows Server 2012, Configuring Advanced Windows Server 2012 Services

MCSA (Microsoft Certified Solutions Associate) Windows Server 2012: With completion of the three MCP certifications (Installing and Configuring Windows Server 2012, Administering Windows Server 2012, Configuring Advanced Windows Server 2012 Services), the student will have achieved the highly regarded MCSA: Windows Server 2012 certification.

Certifications are not required to be employed in the career field or to graduate from the program, but they are highly recommended. Exams may be taken at the on-campus Prometric/VUE Testing Center. Exam fees vary, ranging from \$60 to \$225.

Note: All units in this program are transferable to the Specialized Associate Degree – Information Technology program.

Expected Educational Outcomes: Upon completing the Network Administrator program, students will have demonstrated:

1. The ability to provide customer and user support for computer systems and networking products including Microsoft Windows, Linux cross platform connectivity, and numerous software products.
2. An understanding of Microsoft Windows operating systems including setup, configuration, and file and user management, as well as router configuration.
3. The ability to interact with users/customers in a professional, businesslike manner.

Diploma awarded upon successful completion of all graduation requirements.

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Empire College
Business – Law – Technology – Medical

Network Administrator

Program Outline: Requirements for Graduation

Class No.	Class Title	Hours	Qtr. Units
CSN100	Introduction to Computer Hardware	72	5.0
CSN111A	Powershell	24	1.0
CSN120	Computer Configuration and Troubleshooting	72	5.0
CSN140	Advanced Computer Set-up and Communications	72	5.0
CSN160	Network Plus	72	5.0
CSN175A	Wiring Hardware	24	2.0
CSN183	Green Information Technology Strategies	24	1.0
CSN191A	Certification Preparation I	24	1.0
CSN191B	Certification Preparation II	24	1.0
CSN205	Windows Server	72	5.0
CSN212	Windows Network Infrastructure	72	5.0
CSN218	Windows Server Active Directory	72	5.0
CSN242	Windows Operating System Configuration	72	5.0
CSN260	Linux Plus	72	5.0
CSN270A	Technical Drawing with Visio	24	1.0
ENN303A	Management Communica- tions I	24	2.0
ENN303B	Management Communica- tions II	24	2.0
GBN101	Career Transitions	24	2.0
GBN200A	Human Relations I	24	2.0
GBN200B	Human Relations II	24	2.0
GBN200C	Human Relations III	24	2.0
MAN101	Introduction to Algebra	<u>24</u>	<u>2.0</u>
	Total:	960	66.0
	Total Weeks/Quarters:	48/4	

Keyboarding Speed Graduation Requirement:

25 NWPM