

Network and System Administration

Why should I major in Network System and Administration?

Do you enjoy helping other people with technology, fixing hardware problems, and trouble shooting computer network issues? You may want to consider a career in Network and System Administration. In a network or system administration career, it will be your responsibility to administer, configure, manage and secure computer networks. During your course of study, you will learn the latest computer operating systems, computer networking, network security, and network administration. You will also study CISCO, Networking and PC repair. In Iowa Western's Computer Studies programs, students work in small classes in a hands-on environment.



What type of degree will I earn at Iowa Western if I enroll in this program?

Graduates of a two-year Network and System Administration program earn an Associate of Applied Science (AAS) degree. Other degree options in similar fields of study include earning an Associate of Applied Science (AAS) degree in Application and Web Programming; or an Associate of Arts (AA) degree in Computer Science or Computer Science – MIS; or an Associate of General Studies (AGS) degree in Computer Studies.

If I major in Network and System Administration, can I transfer to a four-year college or university?

By earning an AAS degree in the Network and System Administration program, you will be prepared to enter the workforce immediately. If your goal is to obtain a bachelor's degree, you should work with Iowa Western's advising staff to plan your coursework based on existing articulation agreements between Iowa Western and four-year institutions.

What is the job outlook for Network and System Administration graduates and what type of jobs will I be qualified for?

The job market for graduates of this program remains good. Network and System Administration careers are in demand and openings are available in companies of many diverse industries. Average annual compensation fall into the range of \$28,000 to \$36,000 per year.

Program of Study

The Network and System Administration program of study provides students with the necessary training to install, maintain and administer network operating systems. Students learn current network technologies used to connect, route, and secure network traffic. Students also become proficient with installing and maintaining hardware and software for servers and desktops. Graduates of this program are awarded an Associate of Applied Science (A.A.S.) degree.

* Students must complete the curriculum described below:

RECOMMENDED COURSE SEQUENCE

First Semester		Cr.
SPC 122	Interpersonal Communication	3
BCA 105	Introduction to Information Technology	3
CSC 110	Introduction to Computers	3
NET 402	LINUX Network Administration	3
NET 217	CCNA Exploration 1	3
NET 218	CCNA Exploration 2	3
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Second Semester		Cr.
CIS 332	Database and SQL	3
NET 612	Fundamentals of Network Security	3
NET 412	LINUX System Administration	3
NET 219	CCNA Exploration 3	3
NET 220	CCNA Exploration 4	3
	A.A.S. Communications Requirement (ENG 105, 110 or 111)	3
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Third Semester		Cr.
NET 810	Computer Internship	3
NET 785	Fundamentals of Desktop Support	3
NET 790	PC Support I	3
CIS 504	Structured Systems Analysis	3
	Social Science/Humanities Elective	3
	A.A.S. Mathematics Requirement (MAT 110 or higher)	3
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Fourth Semester		Cr.
NET 810	Computer Internship	3
CIS 780	Computer Projects	3-6
NET 791	PC Support II	3
MGT 195	Workplace Empowerment	3
NET 313	Windows Server	3
NET 343	Windows Directory Services	3
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72 semester hours required

**For More Information,
contact the Admissions Office:
712.325.3277 or 800.432.5852, ext. 3277
or the Program Chair at 712.325.3271
www.iwcc.edu**