

CAREER STUDIES CERTIFICATE (221-732-02)

IT: Network and Database Administration

Purpose: The Network and Database Administration Career Studies Program seeks to give students the knowledge and skills to meet industries' needs for the "care takers" of computerized systems. A majority of corporations have large investments in their computer networks to facilitate business communications, which is an important element in success. These same companies also use the information available in corporate database as a strategic advantage over their competitors. This career studies seeks to give the student the ability to manage and keep these two valuable assets healthy and in proper working order.

Occupational Objectives: Students will gain the knowledge to obtain entry level positions as a Network or Database Administrator. Occupational job titles would include: Network Administrator, Database Administrator, Systems Administrator, Network Technician and Database Analyst.

Admission Requirements: Applicants must meet the general admission requirements for admission to the college.

To be successful in this program, students must have demonstrated Math and English competency to be placed above Pre-Algebra and above ENG 4. Students not achieving this level will be required to take developmental courses.

CURRICULUM AND OTHER REQUIREMENTS

NETWORK AND DATABASE ADMINISTRATION COURSES		CREDITS
ITD 130	..... Introduction to Database Design	.....3
ITD 250*	..... Database Architecture and Administration	.....4
ITN 109	..... Internet and Network Foundation	.....3
ITN 110*	..... Client Operating System	.....3
ITN 111*	..... Server Administration	.....3
ITN 112*	..... Network Infrastructure	.....3
ITN 113*	..... Active Directory	.....4
Total Minimum Credits for Certificate		..... 23

**This course has a prerequisite. Prerequisites for all courses are listed in the course description section at the back of the catalog.*

SUGGESTED SCHEDULE

FIRST YEAR	FALL	SPRING
	ITN 109	ITD 130
	ITN 110	ITN 111
SECOND YEAR	FALL	SPRING
	ITN 112	ITN 113
	ITD 250	