

IT-NETWORK ADMINISTRATION

(AAS.ITNET) ASSOCIATE IN APPLIED SCIENCE DEGREE

The concentration in Network Administration provides an intensive course of study that prepares a student to work in a business environment while maintaining or administering a microcomputer network. The core required classes cover general areas in information technology and the concentration classes cover both the physical network and operating system environment in great detail. Many of the classes can be used as preparation for various hardware, networking, and OS certifications from Microsoft, CompTIA, Cisco and others.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR

First Semester		Hours
CIS-160	Practical Software Application	3.0
CIS-099	Introduction to Web Technology	3.0
CIS-156	Computer Logic	3.0
EET-060	Computer Hardware	3.0
SFS-101	Strategies for Success OR	
PED ---	P.E. Elective OR	
HED ---	Health Elective	2.0
	IT Elective	2.0
SEMESTER TOTALS		16.0

Second Semester

CIS-079	Client Operating System	3.0
CIS-081	Networking Essentials	3.0
CIS-060	Project Management +	2.0
SPE-111	Intro to Speech Communication	3.0
ENG-120	Composition I *	3.0
MAT-090	Math for Computer Applications * OR	
MAT 1--	Math Elective *	3.0
SEMESTER TOTALS		17.0

SECOND YEAR

First Semester		Hours
CIS-070	Network Security * +	3.0
CIS-084	Server Operating Systems *	3.0
CIS-087	TCP/IP and Routing * +	3.0
CIS-073	Survey of Operating Systems +	3.0
PSY-271	Intr/Psychology OR	
	Social Science Elective **	3.0
BUS-142	Introduction to Business	3.0
SEMESTER TOTALS		18.0

Second Semester

CIS-053	Wireless Networking * +++	3.0
CIS-085	Adv Server Operating System *	3.0
CIS-089	Advanced Routing * +++	3.0
CIS-074	IT Seminar	1.0
ITT-043	IT Net Admin Degree Internship *	2.0
ECO-231	Principles of Econ I (Macro) OR	

Social Science Elective	3.0
IT Elective **	2.0
SEMESTER TOTALS	17.0

TOTAL PROGRAM HOURS **68.00**

* There are prerequisites, course requisites, or minimum placement test scores for this course.

** Electives must be approved by the Program Coordinator

+ Course only offered fall semester

++ Course only offered spring and summer semester

+++ Course only offered spring semester

++++ Course offered in summer term only

^ SOS 050 Human Relations and PSY 271 Introduction to Psychology cannot be used as a social science elective

^^ Consult Academic Advisor for appropriate course

^^^ Course requires a 30-hour practicum experience in addition to classroom lecture hours

^^^^ ECE 120 and ECE 125 must be taken the same semester

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