

Associate of Applied Science Degree Engineering Technologies

Network Infrastructure Engineering Technology

Microsoft Network Infrastructure Concentration (9427)

First Semester:

ELEC 1100	Electrical Circuits I	3
ENGL 1110*	English Composition I (A)	3
OR		
ENGL 1111	English Composition I (B)	
MATH 1101	Technical Mathematics I	4
PHYS 1100	Applied Physics I	3
(1st 8 weeks)		
MECT 1000	Introduction to Technology	2
(2nd 8 weeks)		
ITON 1030	Using Microsoft Windows Vista	1
ITON 1205	Network+ and Networking Essentials	2

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Second Semester:

CPET 2550	Telecommunications Principles	2
ELEC 1320	Digital Systems Fundamentals	3
ENGL 1121	English Composition II - Technical Focus	3
PHYS 1200	Applied Physics II	3
(1st 8 weeks)		
ITON 2030	Windows Vista Configuration	2
(2nd 8 weeks)		
ITON 2234	Windows Server 2008 Network Infrastructure Configuration	2
ITON 2236	Windows Server 2008 Active Directory Configuration	2

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Third Semester:

CPET 1100	C Programming for Engineering Technology I	2
CPET 1200	Visual Basic for Engineering Technology I	2
MATH 1201	Technical Mathematics II	4
(1st 8 weeks)		
CNET 1100	Cisco Networking Technology I	2
ITIS 1030	Security Awareness	1
ITON 2237	Windows Server 2008 Applications Infrastructure Configuration	2
(2nd 8 weeks)		
CNET 1200	Cisco Networking Technology II	2
ITON 22238	Windows Server 2008 Server Administrator	2
OR		
ITON 2239	Windows Server 2008 Enterprise Administrator	

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Fourth Semester:

ELEC 2400	Microcontroller Applications	4
ITIS 1355	Security+ and Security Essentials	3
SPCH 1050**	Fundamentals of Public Speaking	2
OR		
SPCH 1150	Fundamentals of Interpersonal Communication	
Choose course(s) from the Arts and Humanities Electives list		
Choose course(s) from the Social and Behavioral Sciences Electives list		
(1st 8 weeks)		
CNET 1300	Cisco Networking Technology III	2
(2nd 8 weeks)		
CNET 1400	Cisco Networking Technology IV	2

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Program Total: 71

**English course selection is based on placement test results (ENGL 1111 is 4 credits, only 3 credits apply to the degree).*

***Students may substitute either SPCH 1000 or SPCH 1100. One of these 3 credit courses may be required for students transferring to a four-year college.*

Arts and Humanities Electives: minimum 3 credits

ARTS 1120, 2220, 2230, 2240; ENGL 2250, 2260, 2280, 2290; HUMX 1100, 1200; MUSC 1200, 2200, 2250; PHIL 1500, 2000

Social and Behavioral Sciences Electives: minimum 3 credits

ANTH 1160; ECON 1150, 2500, 2600; GEOG 1500, 1600, 2500; HIST 1100, 1200, 2100, 2200, 2400; POLS 1300, 2500; PSYC 1500; SOCY 1150