

**PROGRAM DESCRIPTION:  
ASSOCIATE OF APPLIED SCIENCE  
COMPUTER NETWORK SYSTEMS TECHNOLOGY**

The Associate of Applied Science Degree in Computer Network Systems Technology is a competency-based program designed to provide for development of knowledge and skills required for entry-level employment in the Information Technology industry. The curriculum includes general education courses, basic networking occupational courses, and advanced networking occupational courses in Microsoft Server, Wireless LANs, Routing and Network Security. Instruction consists of lecture reinforced by laboratory projects designed to aid in learning microcomputer hardware, software, and network configuration, troubleshooting and administration. The Computer Network Systems Technology Program is designed to prepare students for a career in the Information Technology industry as Microcomputer Technicians, Network Technicians, Network Administrators, Network Engineers, and Internetworking/Router Technicians. Students successfully completing the program would obtain a strong background in the appropriate core sub-disciplines of Computer Hardware, Computer Software, Networking, Internetworking Router Devices, Email Administration, and Network Security. The Associate of Applied Science in Computer Network Systems Technology consists of 72 semester hours and 1472 contact hours, and is 52 weeks (day) and 64 weeks (evening) in length.

<u>Course #</u>	<u>Course Title</u>	<u>Lecture</u>	<u>Lab</u>	<u>Contact</u>	<u>Credit</u>
<b>First Semester</b>					
ENGL 1301	Composition I	48	0	48	3
MATH 1314	College Algebra	48	0	48	3
ITSC 1301	Introduction to Computers	32	32	64	3
ENGL 1302	Composition II	48	0	48	3
PSYC 2301	General Psychology	48	0	48	3
CPMT 1303	Introduction to Computer Technology – Hardware/Software	32	32	64	3
ITMT 1300	Implementing and Supporting Microsoft Windows XP Professional	32	32	64	3
CPMT 1349	Computer Networking Technology	32	32	64	3
<b>Totals</b>		<b>320</b>	<b>128</b>	<b>448</b>	<b>24</b>
<b>Second Semester</b>					
MATH 2312	Pre-Calculus	48	0	48	3
ITMT 2301	Windows Server 2008 Network Infrastructure Configuration	32	32	64	3
ITMT 2322	Windows Server 2008 Applications Infrastructure Configuration	32	32	64	3
ITSY 1300	Network Security Fundamentals	32	32	64	3
ITSE 2333	Implementing a Database on Microsoft SQL Server	32	32	64	3
ITNW 1351	Wireless Local Area Networks	32	32	64	3
ITMT 2302	Windows Server 2008 Active Directory Configuration	32	32	64	3
ITMT 2356	Windows Server 2008: Enterprise Administrator	32	32	64	3
<b>Totals</b>		<b>272</b>	<b>224</b>	<b>496</b>	<b>24</b>
<b>Third Semester</b>					
ITSY 2341	Security Management Practices	32	32	64	3
ITCC 1302	Local Area Networks Design and Protocols	32	32	64	3
ITCC 1306	Basic Router Configuration	32	32	64	3
ITMT 2351	Windows Server 2008: Server Administrator	32	32	64	3
ITMT 2303	Administering a Microsoft SQL Server Database	32	32	64	3
ITMT 2350	Implementing and Managing Microsoft Exchange	32	32	64	3

CPMT 2349	Advanced Computer Networking Technology – Capstone	10	54	64	3
CPMT 2350	Networking Exam Preparation	10	70	80	3
	<b>Totals</b>	<b>212</b>	<b>316</b>	<b>528</b>	<b>24</b>
	<b>Grand Totals</b>	<b>804</b>	<b>668</b>	<b>1472</b>	<b>72</b>