

## Information Technology Systems

### *Networking Emphasis*

This emphasis prepares the student to understand, install, and troubleshoot networks. The student will have the opportunity to take courses that will prepare them to take professional certification exams, including CISCO Systems (Network Associate's exam), Microsoft (MCSE/MCSA exams for Windows XP and Windows 2003 Server).

### Associate of Applied Science

Semester I				Semester III			
CPMT 1403	Introduction to Computer Technology	4	+ITCC 1442	CCNA 3: Switching Basic and Intermediate Routing		4	
EEIR 1301	Math for Electronic Technicians	3		Implementing and Supporting Servers (Fall only)		4	
ITCC 1402	CCNA1: Networking Basics	4	ITNW 1454	Business English		3	
ITSC 1409	Integrated Software Applications I	<u>4</u>	POFT 1301	General Education Electives <sup>3</sup>		<u>6-8</u>	
		<b>15</b>					<b>17-19</b>
Semester II				Semester IV			
			+ITCC 1446	CCNA 4: WAN Technologies		4	
+ITCC 1406	CCNA 2: Router and Routing Basics	4	ITNW 1351	Fundamentals of Wireless LANs		3	
ITSC 1407	UNIX Operating System I	4	+ITSY 2400	Operating System Security (Spring only)		4	
SPCH 1321	Business and Professional Speaking	3	ITSE 1331	Introduction to Visual BASIC programming <b>or</b>		<u>3</u>	
	Natural Science/Mathematics <sup>1</sup>	3-4	ITSE 2313	Web Authoring			<b>14</b>
	Social/Behavioral Sciences <sup>2</sup>	<u>3</u>					
		<b>17-18</b>					
<b>TOTAL</b>						<b>63-66</b>	

<sup>1</sup>Select from the Natural Science/Mathematics section of the General Education Course List.

<sup>2</sup>Select from the Social/Behavioral Sciences section of the General Education Course List.

<sup>3</sup>Select from the General Education Course List.

### Networking Certificate

Semester I				Semester II			
CPMT 1403	Introduction to Computer Technology	4	+ITCC 1406	CCNA 2: Router and Routing Basics		4	
EEIR 1301	Math for Electronic Technicians	3	ITNW 1351	Fundamentals of Wireless LANs		3	
ITCC 1402	CCNA1: Networking Basics	4	ITSC 1407	UNIX Operating System I		4	
ITSC 1409	Integrated Software Applications I	4	ITSE 1331	Introduction to Visual BASIC programming <b>or</b>		3	
ITNW 1454	Implementing and Supporting Servers (Fall only)	<u>4</u>	ITSE 2313	Web Authoring			
		<b>19</b>	+ITSY 2400	Operating System Security (Spring only)		<u>4</u>	
<b>TOTAL</b>						<b>37</b>	