

AWARD: CAREER STUDIES CERTIFICATE  
 AREA: INFORMATION TECHNOLOGY FOUNDATIONS (221-299-08)

**INFORMATION TECHNOLOGY FOUNDATIONS**

Course No.	Title	Credit(s)
<b>First Semester</b>		
ITD 130	Database Fundamentals	3
ITD 110	Web Page Design I	3
ITN 100	Introduction to Telecommunications	3
SDV 101	Orientation to the IT Professions	1
	<b>Total</b>	<b>10</b>
<b>Second Semester</b>		
ITE 120	Principles of Information Systems	3
ITN 107	Personal Computer Hardware and Troubleshooting	3
ITP 100	Software Design	3
	<b>Total</b>	<b>9</b>
	<b>PROGRAM TOTAL</b>	<b>19</b>

AWARD: CAREER STUDIES CERTIFICATE  
 AREA: NETWORKING SPECIALIST (221-732-04)

**NETWORKING SPECIALIST**

Course No.	Title	Credit(s)
<b>First Semester</b>		
ITN 100	Introduction to Telecommunications	3
<b>Second Semester</b>		
ITN 200	Administration of Network Resources	3
<b>Third Semester</b>		
ITN 107	Personal Computer Hardware and Troubleshooting	3
ITN 124/208	Wireless Administration <u>OR</u> Protocols and Communications TCP/IP	3
ITN 170	Linux Operating System	3
ITN 260	Network Security Basics	3
	<b>PROGRAM TOTAL</b>	<b>18</b>

AWARD: CAREER STUDIES CERTIFICATE  
 AREA: SOFTWARE DEVELOPMENT (221-299-01)

**SOFTWARE DEVELOPMENT**

Course No.	Title	Credit(s)
<b>First Semester</b>		
ITP 100	Software Design	3
SDV 101	Orientation to the IT Professions	1
<b>Second Semester</b>		
ITP 112	Visual Basic.NET I	4
ITP 120	Java Programming I	4
	Programming Elective (Choose from ITD 134, ITP 160 or ITP 225)	3
<b>Third Semester</b>		
	Advanced Programming Elective (Choose from ITP 212 or ITP 220)	4
	<b>PROGRAM TOTAL</b>	<b>19</b>