

# INFO TECH – SYSTEMS SECURITY / CYBER SECURITY (A25590S)

Associate in Applied Science Degree

Effective: Fall 2020

## Student Educational Plan

Student Name \_\_\_\_\_

Student ID# \_\_\_\_\_

Semester Start Date \_\_\_\_\_

Length: 5 Semesters

Prerequisite: High School Diploma or Equivalent

### Fall Semester-1st Year

Prefix No.	Title	Class	Lab	Credit	Grade
CTI 110	Web, Pgm, & DB Foundation	2	2	3	_____
CTI 120	Network & Sec Foundation	2	2	3	_____
CTS 115	Info Sys Business Concepts	3	0	3	_____
DBA 110	Database Concepts	2	3	3	_____
NET 110	Networking Concepts	2	2	3	_____
ACA 115	Success & Study Skills	0	2	1	_____
<b>Totals</b>				<b>16</b>	

### Spring Semester-1st Year

Prefix No.	Title	Class	Lab	Credit	Grade
CCT 110	Intro to Cyber Crime	3	0	3	_____
CIS 115	Intro to Prog. & Logic	2	3	3	_____
CSC 111	Intro to Ethical Hacking	3	0	3	_____
CTI 141	Cloud and Storage Concepts	1	4	3	_____
MAT ____	Math Requirement *	2-3	2	3-4	_____
<b>Totals</b>				<b>15-16</b>	

### Summer Semester

Prefix No.	Title	Class	Lab	Credit	Grade
NOS 110	Operating System Concepts	2	3	3	_____
SEC 110	Security Concepts	2	2	3	_____
<b>Totals</b>				<b>6</b>	

### Fall Semester-2nd Year

Prefix No.	Title	Class	Lab	Credit	Grade
CSC 118	Swift Programming I	2	3	3	_____
CCT 285	Trends in Cyber Crime	2	2	3	_____
CTS 120	Hardware / Software Support	2	3	3	_____
ENG 111	Writing and Inquiry	3	0	3	_____
COM ____	Communications Requirement +	3	0	3	_____
<b>Totals</b>				<b>15</b>	

### Spring Semester-2nd Year

Prefix No.	Title	Class	Lab	Credit	Grade
CSC 218	Swift Programming II	2	3	3	_____
NOS 230	Windows Administration I	2	2	3	_____
CTS 289	System Support Project	1	4	3	_____
<b>Or</b>					
WBL 111	Work-Based Learning I	0	10 (Clinical)	1	_____
_____	Humanities/Fine Arts Requirement ++	3	0	3	_____
PSY 150	General Psychology	3	0	3	_____
<b>Totals</b>				<b>13-15</b>	

**TOTAL REQUIRED CREDITS ... 65-68**

### Program Contact Information

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\*Math Requirement (Select One: MAT 110, MAT 121, MAT 143, MAT 152, MAT 171)

+Communications Requirement (Select One: COM 120, COM 231)

++Humanities/Fine Arts Requirement (Select One: HUM 110, HUM 115, PHI 240)

# INFO TECH – SYSTEMS SECURITY / CYBER SECURITY (A25590S)

## DIPLOMA (D25590)

### Fall Semester-1st Year

Prefix No.	Title	Class	Lab	Credit	Grade
CTI 110	Web, Pgm, & DB Foundation	2	2	3	_____
CTI 120	Network & Sec Foundation	2	2	3	_____
CTS 115	Info Sys Business Concepts	3	0	3	_____
DBA 110	Database Concepts	2	3	3	_____
NET 110	Networking Concepts	2	2	3	_____
COM ____	Communications Requirement +	3	0	3	_____
ACA 115	Success & Study Skills	0	2	1	_____
<b>Totals</b>				<b>19</b>	

### Spring Semester-1st Year

Prefix No.	Title	Class	Lab	Credit	Grade
CCT 110	Intro to Cyber Crime	3	0	3	_____
CIS 115	Intro to Prog. & Logic	2	3	3	_____
CSC 111	Intro to Ethical Hacking	3	0	3	_____
CTI 141	Cloud and Storage Concepts	1	4	3	_____
_____	Humanities/Fine Arts Requirement ++	3	0	3	_____
<b>Totals</b>				<b>15</b>	

### Summer Semester

Prefix No.	Title	Class	Lab	Credit	Grade
NOS 110	Operating System Concepts	2	3	3	_____
SEC 110	Security Concepts	2	2	3	_____
<b>Totals</b>				<b>6</b>	

**TOTAL REQUIRED CREDITS ... 40**

+Communications Requirement (Select One: COM 120, COM 231)

++Humanities/Fine Arts Requirement (Select One: HUM 110, HUM 115)

## CERTIFICATES

### CERTIFICATION PREP CERTIFICATE (C25590C)

CTI 120	Network & Sec Foundation
CTS 120	Hardware / Software Support
NET 110	Networking Concepts
SEC 110	Security Concepts
<b>Total Credit Hours in Certificate ... 12</b>	

### COMPUTER PROGRAMMING CERTIFICATE (C25590P)

CIS 115	Intro to Prog. & Logic
CSC 118	Swift Programming I
CSC 134	C++ Programming
CSC 218	Swift Programming II
CSC 234	Advanced C++ Programming
<b>Total Credit Hours in Certificate ... 15</b>	

## INFO TECH – SYSTEMS SECURITY / CYBER SECURITY (A25590S)

### **CYBER SECURITY CERTIFICATE (C25590S)**

CCT 110	Intro to Cyber Crime
CCT 285	Trends in Cyber Crime
CSC 111	Intro to Ethical Hacking
CTI 120	Network & Sec Foundation
NET 110	Networking Concepts
SEC 110	Security Concepts
<b>Total Credit Hours in Certificate ... 18</b>	

### **DATABASE CERTIFICATE (C25590D)**

CTI 110	Web, Pgm, & DB Foundation
CTI 141	Cloud and Storage Concepts
DBA 110	Database Concepts
DBA 120	Database Programming I
<b>Total Credit Hours in Certificate ... 12</b>	

### **INFORMATION TECHNOLOGY CERTIFICATE (C25590)**

CTI 110	Web, Pgm, & DB Foundation
CTI 120	Network & Sec Foundation
CTS 115	Info Sys Business Concepts
NOS 110	Operating System Concepts
<b>Total Credit Hours in Certificate ... 12</b>	

### **WEB PROGRAMMING CERTIFICATE (C25590W)**

CTI 110	Web, Pgm, & DB Foundation
CIS 115	Intro to Prog. & Logic
WEB 182	PHP Programming
WEB 210	Web Design
<b>Total Credit Hours in Certificate ... 12</b>	