

**FAYETTEVILLE TECHNICAL COMMUNITY COLLEGE**  
**INFORMATION TECHNOLOGY/**  
**SYSTEMS SECURITY & ANALYSIS (A25590S)**

Effective: Fall 2023

Revised: 01/10/23

Length: 5 Semesters

Prerequisite: High School Diploma, Placement Test Equivalent

Award: Associate in Applied Science

**SEMESTER 1**

Prefix No.	Title	Class	Lab	Clinical	Credit
ACA120	Career Assessment	1	0	0	1
or					
ACA122	College Transfer Success	0	2	0	1
CTI120	Network & Sec Foundation	2	2	0	3
*NET125	Introduction to Networks	1	4	0	3
**NET126	Switching and Routing	1	4	0	3
NOS110	Operating Systems Concepts	2	3	0	3
SEC110	Security Concepts	2	2	0	3
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<b>Totals</b>		<b>8</b>	<b>15</b>	<b>0</b>	<b>16</b>

**SEMESTER 2**

Prefix No.	Title	Class	Lab	Clinical	Credit
CTI110	Web, Pgm, I DB Foundation	2	2	0	3
ENG-110	Freshman Composition	3	0	0	3
or					
ENG111	Writing and Inquiry	3	0	0	3
MAT143	Quantitative Literacy	2	2	0	3
or					
MAT171	Precalculus Algebra	3	2	0	4
NOS120	Linux/Unix Single User	2	2	0	3
SEC150	Secure Communications	2	2	0	3
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<b>Totals</b>		<b>11</b>	<b>8</b>	<b>0</b>	<b>15</b>

**SEMESTER 3**

Prefix No.	Title	Class	Lab	Clinical	Credit
NOS220	Linux/Unix Admin I	2	2	0	3
SEC160	Security Administration I	2	2	0	3
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<b>Totals</b>		<b>4</b>	<b>4</b>	<b>0</b>	<b>6</b>

**SEMESTER 4**

Prefix No.	Title	Class	Lab	Clinical	Credit
CTS115	Info Sys Business Concepts	3	0	0	3
HUM110	Technology and Society	3	0	0	3
NOS230	Windows Administration I	2	2	0	3
SEC175	Perimeter Defense	1	4	0	3
SEC210	Intrusion Detection	2	2	0	3
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<b>Totals</b>		<b>11</b>	<b>8</b>	<b>0</b>	<b>15</b>

**SEMESTER 5**

Prefix No.	Title	Class	Lab	Clinical	Credit
COM120	Interpersonal Communication	3	0	0	3
or					
COM231	Public Speaking	3	0	0	3
PSY150	General Psychology	3	0	0	3
or					
SOC210	Introduction to Sociology	3	0	0	3
SEC285	Systems Security Project	1	4	0	3
	Major Elective (Choose 2)	3	2	0	5
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<b>Totals</b>		<b>10</b>	<b>6</b>	<b>0</b>	<b>14</b>

**TOTAL REQUIRED CREDITS... 66**

**Work-Based Learning Option:** Qualified students may elect to take up to two (2) credit hours of Work-Based Learning in lieu of a Major elective provided they acquire approval from the Work-Based Learning Coordinator and the Department Chairperson.

**\*Note:** Students **may not** take an introductory foreign language to fulfill the Humanities/Fine Arts requirement.

\* First 8 weeks      \*\* Second 8 weeks