

## Cybersecurity

### Year One - Collin Community College

FALL		SPRING	
MATH 1314 OR MATH 1414, College Algebra	3	MATH 2412, Pre-Calculus Math	4
ENGL 1301, Composition I	3	ENGL 2311, Technical & Business Writing	3
Language Philosophy Culture Core Course	3	Creative Arts Core Course	3
Government / Political Science Core Course	3	CHEM 1411, General Chem. I or BIOL 1406, Biology I	4
<b>Total Hours</b>	<b>12</b>	<b>Total Hours</b>	<b>14</b>

### Year Two - Collin Community College

FALL		SPRING	
MATH 2413, Calculus I	4	MATH 2414, Calculus II	4
CHEM 1411 or CHEM 1412 or BIOL 1406 or BIOL 1407	4	COSC 1437, Programming Fundamentals II*	4
COSC 1436, Programming Fundamentals I*	4	PHYS 2425, University Physics I	4
Government / Political Science Core Course	3	<b>Total Hours</b>	<b>12</b>
<b>Total Hours</b>	<b>15</b>		

Meet with the UNT  
CENG recruiter at the  
start of Fall semester  
and apply to UNT.



### Year Three - Concurrent Enrollment

FALL		SPRING	
MATH 2318, Linear Algebra	3	MATH 3680, Applied Statistics	3
MATH 2305, Discrete Math	3	CSCE 2550, Foundations of Cybersecurity	3
PHYS 2426, University Physics II	4	CSCE 3600, Systems Programming	3
COSC 2436, Programming Fundamentals III	3	Social and Behavioral Science Core Course	3
<b>Total Hours</b>	<b>13</b>	<b>Total Hours</b>	<b>12</b>

### Year Four - Concurrent Enrollment

FALL		SPRING	
CSCE 3530, Introduction to Computer Networks	3	CSCE 4357, Database Systems Security	3
CSCE 3550, Introduction to Computer Security	3	CSCE 4560, Secure Electronic Commerce	3
CSCE 4010, Social Issues in Computing	3	CSCE 4570, Information Privacy	3
History Core Course	3	History Core Course	3
<b>Total Hours</b>	<b>12</b>	<b>Total Hours</b>	<b>12</b>

### Year Five - UNT

FALL		SPRING	
CSCE 4907, Cybersecurity Capstone I	3	CSCE 4927, Cybersecurity Capstone II	3
CSCE 4565, Secure Software Systems	3	Supporting Elective	3
CSCE 4535, Introduction to Network Admin.	3	Supporting Elective	3
Supporting Elective	3	Supporting Elective	3
<b>Total Hours</b>	<b>12</b>	<b>Total Hours</b>	<b>12</b>

Black = Collin Community College

Green = UNT

<b>Total Degree Hours</b>	<b>126</b>
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\* COSC 1436 and COSC 1437 must both be taken at community college to apply for credit towards CSCE 1035 and CSCE 1045.  
 - Taking only one of the courses **will not** apply towards CSCE 1035 and CSCE 1045 and you will have to start from the beginning.