

# Computer Engineering

## Year One - Tarrant County College

FALL		SPRING		
MATH 1314, College Algebra	3	MATH 2414, Pre- Calculus Math	4	
History Core Course	3	History Core Course	3	
ENGL 1301, Composition I	3	ENGL 2311, Technical & Business Writing	3	
Government / Political Science Core Course	3	Creative Arts Core Course	3	
<b>Total Hours</b>		<b>12</b>	<b>Total Hours</b>	
			<b>13</b>	

## Year One - Tarrant County College

FALL		SPRING		
MATH 2413, Calculus I	4	MATH 2414, Calculus II	4	
CHEM 1411, General Chemistry I	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	Language Philosophy Culture Core Course	3	
<b>Total Hours</b>		<b>15</b>	<b>Total Hours</b>	
			<b>15</b>	

## Year One - Tarrant County College

FALL		SPRING		
PHYS 2426, University Physics II	4	ENGR 2305, Electrical Circuits I	3	
MATH 2415, Calculus III	3	ENGR 2105, Electrical Circuits Lab I	1	
MATH 2305, Discrete Mathematics	3	COSC 2325, Computer Organization	3	
Social Behavioral Science Core Course	3	COSC 2436, Programming Fundamentals III	4	
<b>Total Hours</b>		<b>13</b>	<b>Total Hours</b>	
			<b>14</b>	

## Year Four - UNT

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

FALL		SPRING		
ENGR 2720, Digital Logic	3	MATH 1780, Probability Models	3	
ENGR 2730, Digital Logic Lab	1	CSCE 3020, Communication Systems	3	
CSCE 3010, Signals & Systems	3	CSCE 3600, Systems Programming	3	
CSCE 3730, Reconfigurable Logic	3	CSCE 3612 Embedded Systems	3	
EENG 3510, Electronics I	3	<b>Total Hours</b>		
<b>Total Hours</b>		<b>13</b>	<b>12</b>	

## Year Five - UNT

FALL		SPRING	
CSCE 4910, Senior Design I	3	CSCE 4915, Senior Design II	3
CSCE Speciality Area Elective	3	CSCE 4011, Engineering Ethics	3
CSCE Speciality Area Elective	3	CSCE Speciality Area Elective	3

Advanced Mathematics or Science Elective	3	Advanced Level General Elective	3
<b>Total Hours</b>	<b>12</b>	<b>Total Hours</b>	<b>12</b>

Black = Tarrant County College

Green = UNT

**Total Hours      131**