

College of Technology and Computer Science  
 Department of Technology Systems  
**B.S. In Information & Computer Technology**  
**Concentration in Information Security**

Program Coordinator: Dr. Phil Lunsford, Lunsfordp@ecu.edu, 252-328-9640

This program prepares students to design, implement, troubleshoot, and maintain systems of computers and computer networks. Additionally, students are prepared for upward mobility with basic management courses. The information security concentration places emphasis on the integrity, availability, confidentiality, and privacy of secure transmission and storage of information.

Please note that this is a **recommended** sequence and should only be used as a guide.

Check the catalog for prerequisites.

Course availability may vary from semester to semester.

<b>FRESHMAN YEAR</b>					
<b>CC Equivalent</b>	<b>Fall Semester</b>		<b>CC Equivalent</b>	<b>Spring Semester</b>	
Cis 215	ICTN 1500, 1501	3,0	Cis 110	ITEC 2000 or MIS 2223	3
Hea 110	HLTH 1000	2	Eco 251	ECON 2113	3
Ped 110	EXSS 1000	1	Eng 112,113, or 114	ENGL 1200	3
Psy 150	PSYC 1000	3	Phy 151	PHYS 1250, 1251	3,1
Eng 111	ENGL 1100	3		Social Science	3
Mat 161	MATH 1065	3			<u>16</u>
		<u>15</u>			
<b>SOPHOMORE YEAR</b>					
	ICTN 2154, 2155	3,0		ICTN 2158, 2159	3,0
Com 231	COMM 2420 or 2410	3		ICTN 2730	3
	ICTN 2000	3		PSYC 3241	3
Phy 152	PHYS 1260, 1261	3,1	Bus 115	FINA 2244	3
Mat 151 or 155	ITEC 3200 or MATH 2283	3		ITEC 3800 or ACCT 2101	3
		<u>16</u>		Humanites/Fine Art	<u>2</u>
					17
<b>JUNIOR YEAR</b>					
	ICTN 2900, 2901	3,0		ICTN 3530, 3531	3,0
	ICTN 2510, 2511	3,0		3000+ Approved Elective	3
	Humanties	3		Approved Free Elective	3
	ITEC 3290	3		Humanites/Fine Art	2
	ITEC 3300	3		IDIS 3790	<u>3</u>
		<u>15</u>			14
<b>SUMMER</b>					
	ICTN 4000 - Internship	3			
<b>SENIOR YEAR</b>					
	ICTN 3540, 3541	3,0		ICTN 4040	3
	ICTN 4800, 4801	3,0		ICTN 4600, 4601	3,0
	ICTN 4200, 4201	3,0		3000+ Approved Elective	3
	ICTN 4020	1		ICTN 4064	3
	ITEC 4293 or MGMT 3202	3		Approved Free Elective	3
		<u>13</u>		ICTN 4022	<u>2</u>
					17

**Notes:**

Total hours required for the ICT degree is 126 hrs. Up to 63hrs of the degree may be applied from 2 year institutions.

Seeking advisement from a Technology Systems Academic Advisor is strongly encouraged.