

Programming to Bachelor of Science in Computing – Computer Science Concentration.

Northeast State Community College			
Year 1			
Semester 1	SCH	Semester 2	SCH
EDUC 1030 – College and Lifelong Learning	3	CISP 1020 – Computer Science II	4
ENGL 1010 – English Composition I	3	CITC 1303 – Database Concepts	3
CISP 1010 – Computer Science I	4	CITC 1300 – Beginning HTML and CSS	3
CITC 1302 – Introduction to Networking	3	CITC 1317 – Introduction to Scripting Languages	3
CITC 1900 – Math for Computer Science	3	Science Elective ¹	4
Total	16	Total	17
Year 2			
Semester 1	SCH	Semester 2	SCH
COMM 2055 – Argumentation and Debate	3	Behavioral and Social Science Elective ³	3
CITC 1318 – Data Structures	4	CISP 2410 – Assembly and Computer Organization	4
CITC 1320 – A+ Hardware and Software	3	CITC 2390 – CIT Capstone	3
CITC 1332 – UNIX/Linux Operating Systems	3	Computer Science Elective ⁴	1 - 3
MATH 1910 – Calculus I	4	PHIL 2640 – Science and the Modern World	3
Total	17	Total	14
Program Total			66

¹**Science Elective:** Select one: ASTR 1010, 1020; BIOL 1110; CHEM 1110; PHYS 2010, 2110

²**Communication Elective:** Select one: COMM 2025, 2045, 2055

³**Behavioral and Social Science Elective:** Select one: ANTH 1230; ECON 1050, 2100, 2200; GEOG 1012; POLS 1030; 2130, SOCI 1010, 1040, WGST 2050

⁴**Computer Science Elective:** Determined with an advisor based on the desired program of study

⁵**Humanities Elective:** Select one: ART 1035, 2000, 2020; HUM 1010, 1020, 2350; MUS 1030; PHIL 1030, 2200, 2640; THEA 1030

Course Equivalency Table			
Northeast State Community College Course	SCH	East Tennessee State University Course	SCH
Behavioral and Social Science Elective	3	Social and Behavioral Science Elective	3
CISP 1010 – Computer Science I	4	CSCI 1250 – Introduction to Computer Science I	4
CISP 1020 – Computer Science II	4	CSCI 1260 – Introduction to Computer Science II	4
CISP 2410 – Assembly and Computer Organization	4	CSCI 2150 – Computer Organization	3
CITC 1300 – Beginning HTML and CSS	3	CSCI 1710 – Web Design and Development	3
CITC 1302 – Introduction to Networking	3	CSCI Elective	3
CITC 1303 – Database Concepts	3	CSCI 2020 – Fundamentals of Database	3
CITC 1317 – Introduction to Scripting Languages	3	CSCI 1720 – Intermediate Web	3
CITC 1318 – Data Structures	4	CSCI 2210 – Data Structures	4
CITC 1320 – A+ Hardware and Software	3	CSCI 1400 – PC Set-up and Maintenance	1
CITC 1332 – UNIX/Linux Operating Systems	3	CSCI 2200 – UNIX Fundamentals	3
CITC 1900 – Math for Computer Science	3	CSCI 1900 – Math for Computer Science	3
CITC 2390 – CIT Capstone	3	CSCI Elective	3
Communication Elective	3	COMM-2055 Argumentation and Debate	3
Computer Science Elective	3	Free Elective	3
EDUC 1030 – College and Lifelong Learning	3	Free Elective	3
ENGL 1010 – English Composition I	3	ENGL-1010 Critical Reading and Expository Writing	3
Humanities/Fine Arts Elective	3	Humanities/Fine Arts Elective	3
MATH 1910 – Calculus I	4	MATH 1910 – Calculus I	4
Science Elective	4	Natural Science Sequence I	4
Total Hours at Northeast State	66	Total Hours Transferred to ETSU	63

**ATTACHMENT B
ACADEMIC PLAN**

East Tennessee State University			
Year 1			
CSCI 3160 – Computer Systems	4	CSCI 3230 – Algorithms	4
CSCI 3000 – Career Readiness in Computing	3	CSCI 3500 – Information Security and Assurance	3
CSCI 1510 – Student in University	3	MATH 2050 – Foundations of Probability and Statistics	3
MATH 1920 – Calculus II	4	ENGL 1020 – Critical Thinking and Argumentation	3
CSCI 1100 – Using Information Technology	3	History Course Sequence I	3
		Social and Behavioral Science Course Sequence II	3
Total	17	Total	19
Year 2			
Semester 1	SCH	Semester 2	SCH
CSCI 4250 – Software Engineering I	3	CSCI 4350 – Software Engineering II	3
CSCI 3400 – Networking Fundamentals	3	CSCI 4727 – Operation Systems	3
CSCI 3xxx – Major Elective Course	3	CSCI 3xxx – Major Elective Course	3
MATH 2010 – Linear Algebra	3	Natural Science Sequence II	4
Fine Arts Course	3	Literature Course	3
History Course Sequence II	3		
Total	18	Total	16
Program Total			70

USING INFORMATION TECHNOLOGY proficiency required, either by passing a proficiency exam or CSCI 1100 completion. See the website ([UIT Proficiency Requirement](#)) for proficiency exam or call 423-439-7413 for additional information.

TOTAL DEGREE HOURS:

- Northeast State – 66
- East Tennessee State University – 70
- **TOTAL – 136**