## 2019-2020 Pellissippi State Community College
### Computer Information Technology/Programming Concentration, A.A.S.

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Credit Hours</th>
<th>Prerequisite (Corequisite)</th>
<th>Term Offered</th>
<th>Available Online</th>
<th>Grade / Term Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Semester I (Fall)</strong></td>
<td></td>
<td></td>
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<tr>
<td>CITC 1301 Introduction to Programming &amp; Logic</td>
<td>3</td>
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<td>Yes</td>
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<tr>
<td>CITC 1310 Programming I and CITC 1110 Programming I Lab</td>
<td>4</td>
<td>(CITC 1110 and CITC 1301 and CITC 1310)</td>
<td></td>
<td>No</td>
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<tr>
<td>COLL 1000 First Year Seminar</td>
<td>1</td>
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<td>Yes</td>
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<tr>
<td>ENGL 1010 English Composition I</td>
<td>3</td>
<td>Satisfactory test scores or completion of corequisite requirements</td>
<td></td>
<td>Yes</td>
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<tr>
<td>HUM/FA(^{1}) Humanities/Fine Arts Elective</td>
<td>3</td>
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<td>Yes</td>
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<tr>
<td>MATH 1530 Introductory Statistics</td>
<td>3</td>
<td>HS algebra I and II and ACT math and reading scores of at least 19 or equivalent math and reading scores (MATH 0530 if required)</td>
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<td>Yes</td>
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<td><strong>Semester II (Spring)</strong></td>
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<tr>
<td>BUSN(^{2}) Business Elective</td>
<td>3</td>
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<tr>
<td>CITC 1302 Introduction to Networking and CITC 1102 Networking Lab</td>
<td>4</td>
<td>CITC 1301 (CITC 1102 and CITC 1302)</td>
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<td>No</td>
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<tr>
<td>CITC 1303 Database Concepts</td>
<td>3</td>
<td>CITC 1301 or WEB 2010</td>
<td></td>
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<td>CITC 1311 Programming II and CITC 1111 Programming II Lab</td>
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<td>CITC 1310 (CITC 1111 and CITC 1311)</td>
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<td><strong>Semester III (Fall)</strong></td>
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<tr>
<td>CITC 2311 .NET Windows-Based Client Development or CITC 2340 Advanced Database Concepts &amp; Programming</td>
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<td>CISP 1010 or CITC 1310; or CITC 1303</td>
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<tr>
<td>CITC 2335 Systems Analysis &amp; Design</td>
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<td>CITC 1303 and CITC 1311 and ENGL 1010</td>
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<td>CITC 2375 Internet Software Development</td>
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<td>CITC 1311</td>
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<tr>
<td>CIT(^{3}) Computer Information Technology Elective</td>
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<tr>
<td>COMM 2025 Fundamentals of Communication or COMM 2045 Public Speaking</td>
<td>3</td>
<td>(ENGL 1010)</td>
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<td><strong>Semester IV (Spring)</strong></td>
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<tr>
<td>BUSN(^{2}) Business Elective</td>
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<tr>
<td>CITC 2380 Applied Systems Development</td>
<td>3</td>
<td>CITC 2335 and CITC 2303 or CITC 2310 or CITC 2311 or CITC 2314 or CITC 2340 or CITC 2347 or CITC 2348 or CITC 2375 or CITC 2376 or CITC 2391</td>
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<tr>
<td>CITC 2399(^{4}) Internship in Computer Information Technology</td>
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<tr>
<td>CIT(^{3}) Computer Information Technology Elective</td>
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<tr>
<td>ECON 2100 Principles of Macroeconomics</td>
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</table>

Total Credit Hours Needed for Graduation: 60-61

\(^{1}\)HUM/FA
See the list of General Education electives below.

\(^{2}\)BUSN
Elective to be chosen from ACCT 1010 or BUSN 1305 or BUSN 2330 or BUSN 2420.

\(^{3}\)CIT
Electives to be chosen from CISP 1020 or CISP 2410 or CITC 1316 or CITC 1317 or CITC 2310 or CITC 2311 or CITC 2314 or CITC 2340 or CITC 2347 or CITC 2348 or CITC 2376 or CITC 2391 or WEB 2300 or WEB 2350 or WEB 2501 or WEB 2603.

\(^{4}\)BUSN
Elective to be chosen from one unduplicated course: ACCT 1010 or BUSN 1305 or BUSN 2330 or BUSN 2385 or BUSN 2420.

\(^{5}\)CITC 2399
To enroll in this Internship course, students must be in pursuit of an A.A.S. degree in Computer Information Technology with a Programming concentration; have completed 28 hours of CIT courses with a minimum 2.5 GPA in CIT courses and an overall minimum 2.0 GPA; be enrolled in the semester in which the student will graduate; have completed and submitted the Internship application to the BCT internship coordinator prior to enrollment in the course and beginning of the term. Application and instructions are available on the Business and Computer Technology Internships webpage.
2019-2020 General Education Electives by Category

This is a General Education course transferable within the Tennessee Board of Regents System.

This course is directly equivalent to a course at the University of Tennessee, Knoxville.

Communication
- COMM 2025 - Fundamentals of Communication ♦
- COMM 2045 - Public Speaking ♦ ★
- ENGL 1010 - English Composition I ♦ ★
- ENGL 1020 - English Composition II ♦ ★

Humanities/Fine Arts
- ART 2010 - Art History Survey I ♦ ★
- ART 2020 - Art History Survey II ♦ ★
- ENGL 2035 - Introduction to Fiction ♦ ★
- ENGL 2055 - African-American Literature ♦ ★
- ENGL 2110 - Early American Literature ♦ ★
- ENGL 2120 - Modern American Literature ♦ ★
- ENGL 2150 - Appalachian Literature ♦
- ENGL 2210 - Early British Literature ♦ ★
- ENGL 2220 - Modern British Literature ♦ ★
- ENGL 2310 - Early World Literature ♦ ★
- ENGL 2320 - Modern World Literature ♦ ★
- ENGL 2510 - Introduction to Poetry ♦ ★
- ENGL 2520 - Introduction to Drama ♦ ★
- ENGL 2860 - Introduction to Film ♦ ★
  (ENGL 2860 will not fulfill a literature elective.)
- MUS 1030 - Music Appreciation ♦ ★
- MUS 1035 - History of Jazz ♦
- PHIL 1030 - Introduction to Philosophy ♦ ★
- PHIL 1040 - Introduction to Ethics ♦ ★
- PHIL 1300 - Critical Thinking ♦ ★
- PHIL 1500 - Philosophy & Film ♦
- PHIL 2200 - Introduction to World Religions ♦ ★
- PHO 1200 - History of Photography ♦
- THEA 1030 - Introduction to Theatre ♦ ★

Mathematics
- MATH 1010 - Math for General Studies ♦ ★
- MATH 1050 - Trigonometric Applications ♦
- MATH 1130 - College Algebra ♦ ★
- MATH 1530 - Introductory Statistics ♦ ★
- MATH 1630 - Finite Mathematics ♦ ★
- MATH 1710 - Precalculus Algebra ♦ ★
- MATH 1720 - Precalculus Trigonometry ♦ ★
- MATH 1730 - Precalculus ♦ ★
- MATH 1830 - Applied Calculus ♦ ★
- MATH 1910 - Calculus I ♦ ★

Natural Sciences
- BIOL 1110 - General Biology I ♦ ★
- BIOL 1120 - General Biology II ♦ ★
- BIOL 2010 - Human Anatomy & Physiology I ♦ ★
- BIOL 2020 - Human Anatomy & Physiology II ♦ ★
- BIOL 2310 - General Botany I ♦ ★
- BIOL 2320 - General Botany II ♦ ★
- CHEM 1010 - Introductory Chemistry I ♦ ★
- CHEM 1020 - Introductory Chemistry II ♦ ★
- CHEM 1050 - Concepts of Chemistry ♦
- CHEM 1110 - General Chemistry I ♦ ★
- CHEM 1120 - General Chemistry II ♦ ★
- GEOL 1040 - Physical Geology ♦ ★
- GEOL 1050 - Historical Geology ♦ ★
- GEOL 1300 - Environmental Science W/Lab ♦ ★
- PHYS 1070 - Concepts of Physics ♦
- PHYS 2010 - Non-Calculus Physics I ♦ ★
- PHYS 2020 - Non-Calculus Physics II ♦ ★
- PHYS 2110 - Calculus Based Physics I ♦ ★
- PHYS 2120 - Calculus Based Physics II ♦ ★

Social/Behavioral Sciences
- AAST 2200 - African-American Studies ♦ ★
- ANTH 1230 - Introduction to Cultural Anthropology ♦ ★
- ECON 2100 - Principles of Macroeconomics ♦ ★
- ECON 2200 - Principles of Microeconomics ♦ ★
- GEGG 1000 - Introduction to Geography ♦
- PHED 1100 - Concepts of Wellness ♦
- POLS 1010 - Introduction to Political Science ♦ ★
- POLS 1030 - American Government ♦ ★
- PSYC 1030 - Introduction to Psychology ♦ ★
- PSYC 2100 - Psychology of Human Development ♦ ★
- PSYC 2120 - Social Psychology ♦
- PSYC 2130 - Lifespan Psychology ♦ ★
- PSYC 2210 - Biological Basis of Behavior ♦
- SOCI 1010 - Introduction to Sociology ♦ ★
- SOCI 1040 - Social Problems ♦ ★
- WGST 2050 - Introduction to Women/Gender Studies ♦ ★

Revised: March 28, 2019 for AAS Checklists