# Computer Science & Information Technology/Computer Systems Technology Concentration

<table>
<thead>
<tr>
<th>SEMESTER</th>
<th>CREDIT HOUR</th>
<th>TERM COMPLETED</th>
<th>GRADE</th>
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<tbody>
<tr>
<td><strong>Semester I (Fall)</strong></td>
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<tr>
<td>CSIT 1110  Introduction to Information Technology</td>
<td>4</td>
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<tr>
<td>CSIT 1510  Introduction to Programming Using Java</td>
<td>4</td>
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<tr>
<td>ENGL 1010  English Composition I</td>
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<tr>
<td>MATH 1530  Elementary Probability &amp; Statistics</td>
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<tr>
<td>SPCH 2100  Public Speaking</td>
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<td><strong>Semester II (Spring)</strong></td>
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<tr>
<td>BA▪ Business Administration Elective</td>
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<tr>
<td>CSIT 1520  Intermediate Java Programming</td>
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<td>CSIT 1810  Introduction to Database Design</td>
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<td>ECON 2010  Macroeconomics</td>
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<td><strong>Semester III (Fall)</strong></td>
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<td>BA▪ Business Administration Elective</td>
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<tr>
<td>CSIT 2220  C# Programming <strong>or</strong> CSIT 2520 SQL Applications Using Oracle</td>
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<tr>
<td>CSIT 2230  Introduction to Internet Software Development</td>
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<td>CSIT 2840  Systems Analysis &amp; Design</td>
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<td>CSIT* Elective from Group A</td>
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<td><strong>Semester IV (Spring)</strong></td>
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<td>CSIT 2850  Capstone Lab</td>
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<tr>
<td>CSIT 2860  Computer Organization &amp; Architecture</td>
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<td>CSIT 2911  Computer Science &amp; Information Technology Internship</td>
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<tr>
<td>CSIT* Elective from Group A, B or C</td>
<td>3</td>
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<tr>
<td>HUM/FA * Humanities/Fine Arts Elective</td>
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<tr>
<td><strong>Total Credit Hours Needed for Degree:</strong></td>
<td>60</td>
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**BA▪ Electives to be chosen from BUSN 2510 or any ACCT, FIN, MGT, MKT courses.**

**CSIT** Electives Group A: Unduplicated course to be chosen from CSIT 2210, 2220, 2240, 2250, 2260, 2280, 2520, 2530.

**Electives Group B:** To be chosen from CSIT 2270, 2290, 2510.

**Electives Group C:** To be chosen from WEB 2300, 2350, 2501, 2603.

**HUM/FA** See the list of General Education electives below.
2013-2014 General Education Electives by Category

Communication
- ENGL 1010 - English Composition I ♦ ★
- ENGL 1020 - English Composition II ♦ ★
- SPCH 2100 - Public Speaking ★ ★

History
- HIST 1010 - Western Civilization I ♦ ★
- HIST 1020 - Western Civilization II ♦ ★
- HIST 1110 - World Civilization I ♦ ★
- HIST 1120 - World Civilization II ♦ ★
- HIST 2010 - U.S. History I ♦ ★
- HIST 2020 - U.S. History II ♦ ★

Humanities/Fine Arts
- ARTH 2010 - Survey of Art History I ♦ ★
- ARTH 2020 - Survey of Art History II ♦ ★
- ENGL 2110 - Early American Literature ★
- ENGL 2120 - Modern American Literature ♦ ★
- ENGL 2210 - British Literature: 650-1784 ♦ ★
- ENGL 2220 - British Literature: 1785-Present ★ ★
- ENGL 2310 - World Literature: 2500 BCE-1650 ♦ ★
- ENGL 2320 - World Literature: 1650-Present ★ ★
- ENGL 2331 - African-American Literature ★ ★
- ENGL 2510 - Introduction to Poetry ♦ ★
- ENGL 2520 - Introduction to Drama ★ ★
- ENGL 2530 - Introduction to Fiction ★ ★
- HUM 2810 - Introduction to Film Studies ★ ★
- MUS 1030 - Music Appreciation ★ ★
- PHIL 1030 - Introduction to Philosophy ♦ ★
- PHIL 1500 - Philosophy & Film ★
- PHIL 2010 - Survey of World Religions ★ ★
- PHIL 2400 - Introduction to Ethics ★ ★
- PHO 1200 - History of Photography ★
- THEA 1030 - Introduction to Theatre ★ ★

Mathematics
- MATH 1010 - Survey of Mathematics ★ ★
- MATH 1130 - College Algebra ★ ★
- MATH 1530 - Elementary Probability & Statistics ★ ★
- MATH 1630 - Finite Mathematics ★ ★
- MATH 1710 - Precalculus Algebra ★ ★
- MATH 1720 - Precalculus Trigonometry ★ ★
- MATH 1730 - Precalculus ★ ★
- MATH 1830 - Basic Calculus & Modeling ★ ★
- MATH 1910 - Calculus I ★ ★

Natural Sciences
- BIOL 1110 - General Biology I ♦ ★
- BIOL 1120 - General Biology II ♦ ★
- BIOL 1310 - Concepts of Biology ★
- BIOL 2010 - Human Anatomy & Physiology I ♦ ★
- BIOL 2020 - Human Anatomy & Physiology II ♦ ★
- BOT 1010 - Fundamentals of Botany I ★ ★
- BOT 1020 - Fundamentals of Botany II ★ ★
- CHEM 1010 - Principles of Chemistry ★ ★
- CHEM 1020 - Basic Organic & Biochemistry ★ ★
- CHEM 1110 - General Chemistry I ♦ ★
- CHEM 1120 - General Chemistry II ★ ★
- CHEM 1310 - Concepts of Chemistry ★
- GEOL 1040 - Physical Geology ★ ★
- GEOL 1050 - Historical Geology ★ ★
- GEOL 1300 - The Environment W/Lab ★ ★
- GEOL 1310 - Concepts of Earth Science ★
- PHYS 1300 - Concepts of Physics ★
- PHYS 2010 - Noncalculus Based Physics I ♦ ★
- PHYS 2020 - Noncalculus Based Physics II ★ ★
- PHYS 2110 - Calculus Based Physics I ★ ★
- PHYS 2120 - Calculus Based Physics II ★ ★

Social/Behavioral Sciences
- ANT 1300 - Cultural Anthropology ★ ★
- ECON 2010 - Macroeconomics ★ ★
- ECON 2020 - Microeconomics ★ ★
- GEOG 1000 - Introduction to Geography ★
- HIST 2040 - African-American Studies ★ ★
- PHED 1100 - Concepts of Wellness ★
- POLS 1020 - Introduction to Political Science ★ ★
- POLS 1030 - American Government ★ ★
- PSYC 1030 - General Psychology ★ ★
- PSYC 2100 - Psychology of Human Development ★ ★
- PSYC 2130 - Lifespan Psychology ★ ★
- SOCI 1010 - Introduction to Sociology ★ ★
- SOCI 1020 - Social Problems ★ ★
- WMN 2200 - Women in Society ★ ★

★ 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.