Bachelor of Science in Computer Science - Cybersecurity Track

Summary of Graduation Requirements

<table>
<thead>
<tr>
<th>Subject Area</th>
<th>Credits</th>
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<tbody>
<tr>
<td>General Education Core</td>
<td>40</td>
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<tr>
<td>Major Requirements</td>
<td>73</td>
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<tr>
<td>Electives</td>
<td>12</td>
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<tr>
<td>Other Requirements</td>
<td>0</td>
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<tr>
<td>Total Credit Hours</td>
<td>125</td>
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Curriculum

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>SEM 101 &amp; SEM 102</td>
<td>Spartan Seminar 101 and Spartan Seminar 102</td>
<td>2</td>
</tr>
<tr>
<td>CSC 101</td>
<td>Introduction to the Computer Science Profession</td>
<td>1</td>
</tr>
<tr>
<td>CSC 170 &amp; 170L</td>
<td>Computer Programming I and Computer Programming Laboratory I</td>
<td>4</td>
</tr>
<tr>
<td>ENG 101</td>
<td>College English I</td>
<td>3</td>
</tr>
<tr>
<td>MTH 153</td>
<td>College Algebra &amp; Trigonometry</td>
<td>3</td>
</tr>
<tr>
<td>PED 100</td>
<td>Fundamentals of Fitness for Life</td>
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</tr>
<tr>
<td>CSC 260 &amp; 260L</td>
<td>Computer Programming II and Computer Programming II Laboratory</td>
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</tr>
<tr>
<td>MTH 184</td>
<td>Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>ENG 102</td>
<td>College English II</td>
<td>3</td>
</tr>
<tr>
<td>HED 100</td>
<td>Personal and Community Health</td>
<td>2</td>
</tr>
<tr>
<td>HIS 101</td>
<td>History of World Societies II</td>
<td>3</td>
</tr>
<tr>
<td>HIS 103</td>
<td>United States History Since 1865</td>
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</tr>
<tr>
<td>BUS 175</td>
<td>Introduction to Business &amp; Entrepreneurship</td>
<td>3</td>
</tr>
<tr>
<td>ECN 200</td>
<td>Basic Principles of Economics</td>
<td>3</td>
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<tr>
<td>SOC 101</td>
<td>Introduction to the Social Sciences</td>
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</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>SEM 102</td>
<td>Spartan Seminar 102</td>
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<tr>
<td>CSC 372</td>
<td>Data Structures</td>
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<tr>
<td>Laboratory Select any course with lab</td>
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<tr>
<td>PHY 152 &amp; 152L</td>
<td>General Physics and General Physics Laboratory I</td>
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</tr>
<tr>
<td>CHM 221 &amp; 221L</td>
<td>General Chemistry I and General Chemistry I Laboratory</td>
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</tr>
<tr>
<td>BIO 110 &amp; 110L</td>
<td>General Biology and General Biology Laboratory</td>
<td>3</td>
</tr>
<tr>
<td>MTH 251</td>
<td>Calculus II</td>
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</tr>
<tr>
<td>MTH 371</td>
<td>Discrete Mathematical Structures</td>
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Third Year

<table>
<thead>
<tr>
<th>Course</th>
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<th>Credits</th>
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<tbody>
<tr>
<td>CSC 292</td>
<td>Unix and C Programming</td>
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</tr>
<tr>
<td>CSC 380</td>
<td>Software Engineering</td>
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<tr>
<td>CSC 430</td>
<td>Data Communications</td>
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<tr>
<td>MTH 351</td>
<td>Probability &amp; Statistics I</td>
<td>3</td>
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<tr>
<td>Select any Science Course with Lab</td>
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<tr>
<td>ENG 207</td>
<td>Introduction to World Literature</td>
<td>3</td>
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<tr>
<td>FIA 201</td>
<td>Basic Art Appreciation</td>
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<tr>
<td>MUS 301</td>
<td>Music Appreciation</td>
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<tr>
<td>CSC 420</td>
<td>Database Principles and Design</td>
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<tr>
<td>CSC 361</td>
<td>Survey of Programming Languages</td>
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<tr>
<td>CSC 435</td>
<td>Computer Security I</td>
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Fourth Year

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CSC 445</td>
<td>Computer Network Defense</td>
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<tr>
<td>CSC 498</td>
<td>Computer Science Seminar I</td>
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<tr>
<td>CSC 464</td>
<td>Operating Systems</td>
<td>3</td>
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<tr>
<td>Computer Science Elective 300 Level or above</td>
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<tr>
<td>CSC 313</td>
<td>Network Administration</td>
<td>3</td>
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<tr>
<td>Social Science Cultural Elective</td>
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<tr>
<td>HIS 335</td>
<td>African-American History</td>
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<tr>
<td>HIS 336</td>
<td>African-American History Since 1865</td>
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<td>HIS 371</td>
<td>Modern African History &amp; Cultures 1600-PRESENT</td>
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<td>HRP 320</td>
<td>African American Health</td>
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<tr>
<td>CSC 468</td>
<td>Computer Architecture</td>
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<td>CSC 499</td>
<td>Computer Science Seminar II</td>
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<td>CSC 494</td>
<td>Digital Forensics</td>
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<tr>
<td>Humanities Cultural Elective</td>
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<tr>
<td>ENG 383</td>
<td>African-American Literature, 1940-PRESENT</td>
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<tr>
<td>MUS 234</td>
<td>African-American Music</td>
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Total Credits 120