### Bachelor of Science - CyberSecurity - Students Entering Fall 2014

**Study Plan / Application for Candidacy** (check one)

**Name:**

**ID:**

**Class:**

**Box S**

**E-mail:**

**Major Concentration Field:** Cyber Security

**Minor Field(s) (If Any):**

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**Term** | **Course** | **Credits** | **Grade**
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**REQUIRED COURSES** |  |  |  
I | Science I | 3.0 |  
II | Science II | 3.0 |  
II | Science Lab | 1.0 |  
III | CS306 – Introduction to IT Security | 3.0 |  
III | CS334 – Automata & Computation | 3.0 |  
III | CS383 - Computer Org. & Programming | 3.0 |  
III | CS385 – Algorithms | 4.0 |  
IV | MA121 – Differential Calculus | 2.0 |  
IV | MA122 – Integral Calculus | 2.0 |  
IV | MA123 – Series, Vectors, Functions, and Surfaces | 2.0 |  
IV | MA124 - Calculus for Functions of Two Variables | 2.0 |  
IV | MA222 - Probability and Statistics | 3.0 |  
V | MA250 - Cryptography | 3.0 |  
V | CS347 – Software Development Process | 3.0 |  
V | CS392 - Systems Programming | 3.0 |  
V | CS496 – Prin. of Programming Languages | 3.0 |  
V | CS442 - Database Management Systems | 4.0 |  
V | CS443 - Database Practicum | 4.0 |  
V | CS/MA503 - Discrete Math for Cryptography | 3.0 |  
V | CS576 - Secure Systems | 3.0 |  
V | CS577 - CyberSecurity Lab | 3.0 |  
VI | CS488 - Computer Architecture | 3.0 |  
VI | CS492 - Operating Systems | 3.0 |  
VI | CS578 - Privacy in a Networked World | 3.0 |  
VI | CS579 - Foundations of Cryptography | 3.0 |  
VI | CS425 – Cybersecurity Capstone I | 3.0 |  
VII | CS485 – Societal Impact of IT | 1.0 |  
I | CS115 or CS181 - Introduction to Computer Science | 4.0 |  
I | CS146 – Intro to Web Prog. & Project Dev. | 3.0 |  
II | CS135 - Discrete Structures | 4.0 |  
II | CS284 or CS182 - Data Structures | 4.0 |  

**Student Signature:**

**Date:**

**Faculty Advisor Signature:**

**Date:**

**UG Records Auditor:**

**Date:**

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**Office of the Registrar**

Stevens Institute of Technology
Castle Point on Hudson
Hoboken, NJ 07030

201.216.5210
FAX 201.216.8030

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Instructions: Please print or type. The primary purpose of this form is to lay out the courses required to complete your degree program and when you expect to take each of them. You may then use it to track your own progress to the degree. You should revise it as needed. Please indicate the term when you expect to take each course (e.g., 02F, 03S, etc.). Roman numerals indicate the standard curriculum time schedule. If a choice of courses is given for a requirement, circle the appropriate course number. For electives, fill in the course number. Any courses taken elsewhere should be marked **TR**. An additional study plan will be required if you wish to receive a minor or a second degree.
### Bachelor of Science - CyberSecurity - Students Entering Fall 2014

**Study Plan / Application for Candidacy** (check one)

| Name: ___________________________ | ID: ____ - ____ - ____ | Class: ____ | Box: ____ | E-mail: ___________________________ |

**Major Concentration Field:** Cyber Security

**Minor Field(s) (If Any):**

<table>
<thead>
<tr>
<th>Term</th>
<th>Course</th>
<th>Credits</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>VIII</td>
<td>CS426 – Cybersecurity Capstone II</td>
<td>3.0</td>
<td>___</td>
</tr>
<tr>
<td>VIII</td>
<td>CS521 – TCP/IP Networking</td>
<td>3.0</td>
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</table>

**REQUIRED COURSES**

<table>
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<tr>
<th>Term</th>
<th>Course</th>
<th>Credits</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>CAL 103 / CAL 105</td>
<td>3.0</td>
<td>___</td>
</tr>
<tr>
<td>II</td>
<td>CAL 105 / CAL 103</td>
<td>3.0</td>
<td>___</td>
</tr>
<tr>
<td>III</td>
<td>HSS 371 or HPL 455</td>
<td>3.0</td>
<td>___</td>
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</tbody>
</table>

**COMPUTER SCIENCE ELECTIVES**

<table>
<thead>
<tr>
<th>Term</th>
<th>Course</th>
<th>Credits</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>IV</td>
<td>Humanities 100/200 level (not HAR or HMU)</td>
<td>3.0</td>
<td>___</td>
</tr>
<tr>
<td>VI</td>
<td>Humanities 300 level (not HAR or HMU)</td>
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**ADDITIONAL COURSES**

<table>
<thead>
<tr>
<th>Term</th>
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</table>

**HUMANITIES**

<table>
<thead>
<tr>
<th>Term</th>
<th>Course</th>
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<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>CAL 103 / CAL 105</td>
<td>3.0</td>
<td>___</td>
</tr>
<tr>
<td>II</td>
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</tr>
<tr>
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<td>HSS 371 or HPL 455</td>
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</tbody>
</table>

**CYBERSECURITY ELECTIVES**

<table>
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<th>Course</th>
<th>Credits</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>VIII</td>
<td>Humanities (not HAR or HMU)</td>
<td>3.0</td>
<td>___</td>
</tr>
</tbody>
</table>

### NOTES:

1. Students who have little or no background in programming should take CS110 in Term I, CS115 in Term II, CS284 in Term II, and CS385 in Term IV. If a student starts with CS 110, then CS 110 may be used as a Computer Science or a Free Elective but in all cases CS 110 must be taken prior to CS 115.

2. The Humanities courses must have your advisor’s approval prior to enrolling.

3. Mark “GD” courses beyond the B.S. requirements to defer to graduate program. Mark “XT” courses beyond the B.S. requirements to meet minor requirements, to meet second degree requirements, or extra courses.

4. Enter your Computer Science AP credit or a free elective if you completed CS181/CS182.

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Student Signature: ___________________________ Date: _____________  □ Original  □ Revision

Faculty Advisor Signature: ___________________________ Date: _____________  □ 2nd Degree

UG Records Auditor: ___________________________ Date: _____________

Page 2 of 3