Cyber Security with Computer Science and Mathematics Certificate Program
Advising Sheet (minimum 12 credits)

Name: ________________________________ Z Number: ________________________________

FAU Start Date: _________________ E-mail: ___________________________ Phone: ___________________________

Tracks:

• **Cyber Security Certificate in Computer Science (CS Track)** will be issued to a student admitted to the CS Track Certificate Program if s/he successfully completes four (4) 3-credit courses as follows:
  • Core courses: three (3) 3-credit courses from the CS Cyber Security courses
  • Elective course: one (1) 3-credit course from either the Math Cyber Security courses or from the CS Cyber Security courses.

• **Cyber Security Certificate in Mathematics (Math Track)** will be issued to a student admitted to the Math Track Certificate Program if s/he successfully completes four (4) 3-credit courses as follows:
  • Core courses: three (3) 3-credit courses from the Math Cyber Security courses
  • Elective course: one (1) 3-credit course from either the CS Cyber Security courses or from the Math Cyber Security courses.

### CS Cyber Security Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Semester</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 6370</td>
<td>Computer Data Security</td>
<td>3</td>
<td></td>
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<tr>
<td>CIS 6375</td>
<td>Distributed Systems Security</td>
<td>3</td>
<td></td>
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<tr>
<td>COT 6427</td>
<td>Secret Sharing Protocols</td>
<td>3</td>
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<tr>
<td>CTS 6319</td>
<td>Cyber Security: Measurement and Data Analysis</td>
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<tr>
<td>CIS 5371</td>
<td>Practical Aspects of Modern Cryptography</td>
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</table>

### Cyber Security in Math Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Semester</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAD 5474</td>
<td>Introduction to Cryptology and Information Security</td>
<td>3</td>
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<tr>
<td>MAD 6478</td>
<td>Cryptanalysis</td>
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<tr>
<td>MAD 6607</td>
<td>Coding Theory</td>
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<td></td>
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<tr>
<td>MAS 6217</td>
<td>Number Theory and Cryptography</td>
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</table>

Advisor Comments:
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________________________________________________________________________________________________________________________
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Advisor Name: ________________________________ Date: ________________________________