IT 4500: Information Security

Fall 2019 Schedule

This class meets MWF 1pm-1:50pm in Smith 109

The readings will come from the course textbook, CompTIA Security+, Get Certified Get Ahead SYO-501 Study Guide by Darril Gibson, ISBN 978-1-939136-05-3. Some supplemental online resources may be used. Many instructional videos will come from https://www.professormesser.com. Additional supplemental online resources may be used. Check with Canvas for other assignments.

This schedule is subject to change.

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<thead>
<tr>
<th>Week of</th>
<th>Readings</th>
<th>Quiz/Exam, Holidays</th>
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<tbody>
<tr>
<td>Aug 19 01</td>
<td>Mastering Security Basics</td>
<td>Quiz (Syllabus)</td>
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<tr>
<td>Aug 26 10</td>
<td>Understanding Cryptography and PKI</td>
<td>Quiz (Ch 1)</td>
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<tr>
<td>Sep 02 10</td>
<td>Understanding Cryptography and PKI</td>
<td>Labor Day, Quiz (Ch 10)</td>
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<tr>
<td>Sep 09 02</td>
<td>Understanding Identity and Access Management</td>
<td>Quiz (Ch 2)</td>
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<td>Sep 16 03</td>
<td>Exploring Network Technologies and Tools</td>
<td>EXAM 1 (Ch 1,2,10)</td>
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<tr>
<td>Sep 23 04</td>
<td>Securing Your Network p 181-202</td>
<td>Quiz (Ch 3)</td>
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<td>Sep 30 04</td>
<td>Securing Your Network p 202-224</td>
<td>Quiz (Ch 4)</td>
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<td>Oct 07 05</td>
<td>Securing Hosts and Data</td>
<td>Quiz (Ch 5)</td>
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<td>Oct 14</td>
<td>Review</td>
<td>EXAM 2 (Ch 3,4,5), Fall Break</td>
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<tr>
<td>Oct 21 06</td>
<td>Comparing Threats, Vulnerabilities, and Common Attacks</td>
<td>Quiz (Ch 6)</td>
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<td>Oct 28 07</td>
<td>Protecting Against Advanced Attacks</td>
<td>Quiz (Ch 7)</td>
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<td>Nov 04 08</td>
<td>Using Risk Management Tools</td>
<td>Quiz (Ch 8)</td>
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<td>Nov 11 09</td>
<td>Implementing Controls to Protect Assets</td>
<td>EXAM 3 (Ch 6,7,8), Quiz (Ch 9)</td>
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<td>Nov 18 11</td>
<td>Implementing Policies to Mitigate Risks</td>
<td>Quiz (Ch 11)</td>
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<td>Nov 25</td>
<td>Review</td>
<td>EXAM 4 (Ch 9,11), Thanksgiving (Nov 28-29)</td>
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<td>Dec 02</td>
<td>Comprehensive Review for Final and Security+ Exams</td>
<td>CompTIA Security+ Exam</td>
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<td>Dec 09</td>
<td>Final schedule:</td>
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Dec 09 Final schedule: