

## MIS 5206 – Protecting Information Assets - Syllabus

### Schedule:

Date	Topic	Textbook Readings & Assignments	Case Assignment	ISACA/SANS/ISO
8/28	Course Introduction and the Risk IT Framework	<ul style="list-style-type: none"> <li>“In the News” article</li> </ul>	-	-
9/4	Understanding an Organization’s Risk Environment	<ul style="list-style-type: none"> <li>Vacca Chapter 1</li> <li>“In the News” article</li> </ul>	Read and be prepared to discuss: Case 1 -HDFC BANK: SECURING ONLINE BANKING	<b>ISACA</b> RiskIT Framework pp. 1 - 42
9/11	Data Classification Process and Models	<ul style="list-style-type: none"> <li>Vacca Chapters 14</li> <li>“In the News” article</li> </ul>	Prepare Analysis: Case 1 - HDFC BANK: SECURING ONLINE BANKING	<b>ISO 27001</b> Assignment 1
9/18	Risk Evaluation	<ul style="list-style-type: none"> <li>Vacca Chapters 15, 35</li> <li>“In the News” article</li> </ul>	Prepare Analysis: Case 1 - HDFC BANK: SECURING ONLINE BANKING	<b>ISACA</b> RiskIT Framework pp. 47 - 96
9/25	Creating a Security Aware Organization	<ul style="list-style-type: none"> <li>Vacca Chapter 16</li> <li>“In the News” article</li> </ul>	<b>Case 1 Analysis Due</b>	<b>SANS</b> Assignments 1, 2
10/2	Review: Managing IT Security Risk  MID-TERM Exam	Prepare for Mid-term Exam	<b>Mid-Term Exam</b>	<b>HBR</b> Assignment 1
10/9	Physical and Environmental Security	<ul style="list-style-type: none"> <li>Vacca Chapter 36</li> <li>“In the News” article</li> </ul>	In class case discussion	<b>SANS</b> Assignments 3

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10/16	Business Continuity and Disaster Recovery Planning	<ul style="list-style-type: none"> <li>Vacca Chapter 38</li> <li>“In the News” article</li> </ul>	In class case discussion	<b>ISACA</b> Assignments 1,2
10/23	Network Security	<ul style="list-style-type: none"> <li>Vacca Chapter 4 -13</li> <li>“In the News” article</li> </ul>	Read and be prepared to discuss: Case 2 - SECURITY BREACH AT TJX	-
10/30	Identity Management and Access Control	<ul style="list-style-type: none"> <li>Vacca Chapter 17, 18, 28, 29, 31</li> <li>“In the News” article</li> </ul>	Read and be prepared to discuss: Case 2 - SECURITY BREACH AT TJX	-
11/6	Application Development Security	<ul style="list-style-type: none"> <li>Vacca Chapter 33, 34</li> <li>“In the News” article</li> </ul>	Case 2 - Prepare Analysis: SECURITY BREACH AT TJX	<b>SANS</b> Assignments 4, 5
11/13	Cryptography, Public Key Encryption and Digital Signatures	<ul style="list-style-type: none"> <li>Vacca Chapter 24 - 27</li> <li>“In the News” article</li> </ul>	Case 2 - Prepare Analysis: SECURITY BREACH AT TJX	<b>SANS</b> Assignment 6 and 7
11/20	Review: Security Threats and Mitigations	<ul style="list-style-type: none"> <li>Prepare for Final Exam</li> <li>“In the News” article</li> </ul>	<b>Case 2 Analysis Due</b>	-
12/4	Special Topics in Information Security			-
12/11	Final Exam	Prepare for Final Exam	<b>Final Exam</b>	-