SAIT

Week	Unit	Outcomes	Assessments Due (%)
1	**Unit 1: Malware Taxonomy**	Categorize the different malware types.	
2	**Unit 2: Basic Portable Executable Static Analysis**	Analyze common malware static attributes in the portable executable format.	**Quiz 1** (4%)
3	**Unit 2: Basic Portable Executable Static Analysis**	Analyze static disassembly.	**Quiz 2** (4%)
4	**Unit 2: Basic Portable Executable Static Analysis**	Analyze static disassembly. Analyze decompiled source code.	
5	**Unit 2: Basic Portable Executable Static Analysis**	Use tools to detect malicious files.	**Lab Assignment 1** (15%)
6	**Unit 3: Basic Dynamic Analysis**	Analyze dynamic sample activity for malice.	**Quiz 3** (4%)
7	**Unit 3: Basic Dynamic Analysis**	Analyze dynamic sample activity for malice.	

Week	Unit	Outcomes	Assessments Due (%)
8	**Unit 4: Malware Packers**	Unpack malware samples.	**Quiz 4** (4%) Final Project: Weekly report (3%)
9	**Unit 5: Malware Persistence, Elevation of Privilege and Propagation Techniques**	Assess malware samples to provide a description of how each achieves persistence, propagation or elevation of privilege.	**Quiz 5**(4%) Final Project: Weekly report (2%)
10	**Unit 6: Malware Command and Control**	Evaluate malware command and control mechanisms and features.	Quiz 6 (4%) Final Project: Weekly report (1%)
11	**Unit 6: Malware Command and Control**	Evaluate malware command and control mechanisms and features.	Quiz 7 (3%) Final Project: Weekly report (1%)
12	**Unit 7: Malware Detection Evasion Techniques**	Incorporate the appropriate detection evasion techniques malware uses to avoid detection.	Quiz 8 (3%) Final Project: Weekly report (1%)
13	**Unit 8: Advanced Malware Detection**	Implement malware detections for situations where static signature detections are inadequate.	Final Project: Weekly report (1%)

Week	Unit	Outcomes	Assessments Due (%)
14	**Unit 9: Advanced Malware Analysis**	Evaluate malware samples that utilize advanced infection techniques and non-traditional targets.	Final Project: Weekly report (1%)
15	**Final Exam Week**	Covers all outcomes.	Final Project: Virtual Lab for Malware Analysis (45%)

Note: Schedule is subject to change.

Key Dates

Week 2: Course add/drop deadline is the end of Week 2.

Week 10: The final course withdrawal date as per the calendar is at 70% of the completion of the course. Check "important dates" on the SAIT website for specific dates.

Week 15 (Final Exam Week): You must be available to write your exams right up to 6 p.m. on the final day of exam week. Detailed exam schedules will be posted several weeks before exam week.