

ENEE459B: Reverse Engineering Lab. Tentative Schedule

| Date | Topic | Assignments | Organization |
|----------------------------------|---|--|-----------------------------|
| Sep. 20 (Wed) Sep. 21 (Thurs) | 1. Background (Lecture) 2. Compiler, Disassembler, and Decompiler (Lecture) 3. Loader and Processes (Lecture) | | Lecture |
| Sep. 27 (Wed) Sep. 28 (Thurs) | 1. x64 Assembly, Ghidra (Lecture) | | Lecture |
| Oct. 4 (Wed) Oct. 5 (Thurs) | 1. x64 Assembly, Disassembler 2. bomb64 (Demo) | RE Homework #1 Release | Lecture Demo |
| Oct. 11 (Wed) Oct. 12 (Thurs) | 1. Debugger (Lecture) 2. bomb64 Solution (Phase 1-5) | | Lecture Demo Exercise |
| Oct. 18 (Wed) Oct. 19 (Thurs) | 1. bomb64 Solution (6-Secret) | RE Project #1 Release RE Homework #1 Due (on Saturday) | Demo Exercise |
| Oct. 25 (Wed) Oct. 26 (Thurs) | 1. RE Homework #1 Solution 2. Data Structure Demo 3. Finding Crypto | RE Homework #2 Release | Lecture Demo |
| Nov. 1 (Wed) Nov. 2 (Thurs) | 1. Binary Patching | RE Homework #2 Due | Lecture |
| Nov. 8 (Wed) Nov. 9 (Thurs) | 1. Homework #2 Solution | RE Project #1 Due RE Project #2 Release | Demo Exercise |
| Nov. 15 (Wed) Nov. 16 (Thurs) | 1. Project #1 Solution | | Demo Exercise |
| Nov. 29 (Wed) Nov. 30 (Thurs) | 1. Practice / Review | | Exercise |
| Dec. 6 (Wed) Dec. 7 (Thurs) | 1. Practice / Review | RE Project #2 Due | Exercise |

- Lecture: The instructor gives a lecture
- Demo: The instructor demonstrates how to use specific tools
- Exercise: Students work on assignments or in-class challenges in the lab. Can ask questions to instructors.