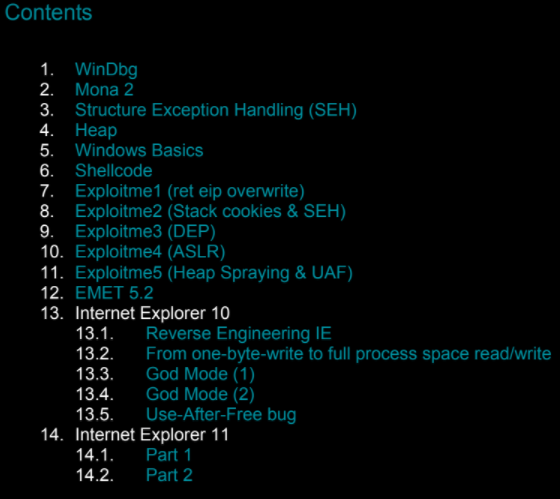
Windows Exploit Development

Books

* Modern Windows Exploit Development

16-week Study plan



Basically, rush through the first 6 chapters in 6 weeks.  Then the next 10 weeks are doing the rest of the chapters.  I will produce each type of exploit: stack, heap, and ones bypassing DEP&ASLR with detailed procedures to all of them.  I can give an oral presentation on how you might go about doing these things at the end of the year. I will work on this course 2 hours per day during the week and have bi-weekly status reports with you.  I’ll explain: what i’ve learned, accomplished, and what I could be doing better.

Outcomes

* Proficient debugging skills in WinDBG and mona
* The ability to find and exploit following vulnerabilities: stack overflow, heap overflow, string, integer, and file vulnerabilities while bypassing DEP, ASLR, and SEH
* Use Sonarlint and sonarqube to see if these catch all vulnerabilities
* Strong oral/verbal communication skills in doing the above processes