Module 1 (Intro)

- Provides information about the class, but not really about the subject of penetration testing.
- At the end of Module 1, you should have some idea who is running the class, what the grading requirements of the class are, what materials are required, where to get information, and where you might go for some help and other support.
Penetration Testing and Ethical Hacking

Teacher: Joseph N. Wilson
<jnw@cise.ufl.edu>
352-514-2191
CSE E472

TA: Ronin Zachary
<sooshiant@gmail.com>

Course Assistant: Chris Rakaczky
<cr@ufl.edu>
What Was That Video All About?

- Ken Block Gymkhana 5: Ultimate Urban Playground; San Francisco

- Does this really have anything to do with Penetration Testing
  - Closed track
  - Permission from the owner ($1M)
  - Don't try this at home
  - Hoon responsibly
4930/6930 – Differences

- Attendance: 10%
- Sakai Discussion Participation: 10%
- Lab Exercises: 30%
- Group Project: 20%
- Final Examination: 30%

- Attendance: 10%
- Sakai Discussion Participation: 10%
- Lab Exercises: 30%
- Project: 30%
- Final Examination: 20%
Projects

• 4930
  Group projects will involve either reports on current security issues or contribution to open-source security projects.

• 6930
  The individual project will involve independent development of sample lab exercises for future classes or contribution to an open-source security project.
Class Format

• ~15 Minute Modules

• Presentations will be available before at least 24 hours before class (preferably more)

• Make sure you've viewed the presentation material and done any associated study (reading, etc.) before class.

• Start with questions about the presentation and then discuss implications, look at tools, do things, learn stuff.
Course Information and Help

- Go to [https://lss.at.ufl.edu](https://lss.at.ufl.edu) (UF uses the Sakai LMS) to log in and find all online course materials.
- There is a course Sakai chat room that I will visit on a regular bases, as will your TA and Course Assistant.
- Other students and I will also be present from time to time on the following IRC channel:
  `irc://irc.freenode.net:6667/ufpentest`
  What you don't know about IRC? Find out.
- Use google, the library, the internets, your friends, the UF SIT.
What is UF-SIT?

- UF = University of Florida
  SIT = Student Infosec Team
  Infosec = Information Security

- UF Organization competes in CTF Competitions
  CTF = Capture the Flag

What skills are used?

- Programming ability, packet analysis, reverse engineering, cryptography, trivial knowledge, an insatiable desire to solve problems.

- UFSIT Meetings:
  Wednesday 7:00pm-9:00pm
  1151 McCarty Hall A