Before we continue.....

Ethical hacking

Black hat hacking
Let me introduce you to some people you might not want to meet
From the Canvas Home Page

In this course, we will explore some of the security measures that can be employed to safeguard systems and the information contained therein. During this course you will be learning about many different security tools and techniques some of which can also be used to circumvent or subvert network security measures.

Doing so in our production environment will be grounds for failure in the class.
Furthermore

- ACNS Acceptable Use Policy
  - [http://policylibrary.colostate.edu/policy.aspx?id=704](http://policylibrary.colostate.edu/policy.aspx?id=704)
  - Considered serious offenses
  - Violations will be referred to appropriate university entity for disciplinary action

- Federal, State, and Local Law
  - Don’t get arrested....
So why do I teach hacking?

• A lot of people ask me if I’m crazy because I teach students “how to rob a bank”, or how to attack XYZ. Aren’t you training future criminals and terrorists?
• I hope not…
• But, you can’t learn proper defensive measures without understanding how real-world attacks work.