ICS 281: Ethical Hacking

This course covers basic ethical hacking techniques also known as white hat hacking. It stresses the moral and legal issues about hacking and how these techniques can be used to defend against attacks as well as to perform authorized system security evaluation testing.

Course Student Learning Outcomes

- Demonstrate how to apply current cyber-attack, countermeasures and best practices using current cyber defense tools, methods and components.

- Implement a defense incident response and recovery strategies.

- Evaluate the moral and legal obligations of an ethical hacker.

- Apply the knowledge gained in hardening systems to prevent or minimize attacks.

Credits: 3
Lecture Hours: 3
Prerequisites: Grade of C or better in ICS 171, or consent of instructor.