CMPT 479 - D100 Spec.Topics/Computing Systems

Instructor(s):  Tao Wang

SFU Burnaby

Calendar Objective/Description:
Spec.Topics/Computing Systems

Instructor's Objectives:
This course is an introduction to the principles of computer security. Students will study techniques to protect computer systems from attacks on data confidentiality, system integrity and availability. By modeling, analyzing, and evaluating the security of computer systems, students will learn to find weaknesses in software, hardware, networks, data storage systems, mobile applications, and the Internet, and identify current security practices and defenses to protect these systems.

Prerequisites:
see go.sfu.ca

Grading:
30% assignments, 60% exams, 10% self-assessment

Reference Books:

Academic Honesty Statement:
Academic honesty plays a key role in our efforts to maintain a high standard of academic excellence and integrity. Students are advised that ALL acts of intellectual dishonesty will be handled in accordance with the SFU Academic Honesty and Student Conduct Policies (http://www.sfu.ca/policies/gazette/student.html).