CMPT 372 - D200 Web Development II

Instructor(s): Bobby Chan

SFU Surrey

Calendar Objective/Description:
Web Development II

Instructor's Objectives:
This course will introduce students to the fundamentals of server-side web development. Students will gain experience working with backend web frameworks, designing and implementing web APIs, and deploying web systems. Students will be introduced to popular back-end frameworks. The course will focus on the design, creating, implementation, and deployment of backend systems, including APIs.

Pre-requisites: CMPT272 or CMPT218 2021-1 or CMPT218 2022-1

Prerequisites:
see go.sfu.ca

Topics:
- Web server configuration
- server-side scripting
- databases integration
- web security
- authentication and authorization
- Virtualization
- backend frameworks
- application programming interface

Grading:
Will be discussed in the first week of classes
Students must attain an overall passing grade on the weighted average of exams in the course in order to obtain a clear pass (C- or better).

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).