CMPT 475 - E100 Requirements Engineering

Instructor(s): Shervin Shirmohammadi

SFU Burnaby

Calendar Objective/Description:
Requirements Engineering

Instructor's Objectives:
Software succeeds when it is well-matched to its intended purpose. Requirements engineering is the process of discovering that purpose by making requirements explicit and documenting them in a form amenable to analysis, reasoning, and validation, establishing the key attributes of a system prior to its construction. Students will learn methodical approaches to requirements analysis and design specification in early systems development phases, along with best practices and common principles to cope with notoriously changing requirements.

Prerequisites:
see go.sfu.ca

Grading:
Best 5 out of 6 Quizzes, 30% Assignments, 30% Project, 40%

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).

Recommended Books:
Requirements Engineering, Dick, Jeremy, Hull, Elizabeth, Jackson, Ken, Springer, 9783319610733
Requirements Engineering and Management for Software Development Projects, Chemuturi, Murali, Springer, 9781461453772

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).