CMPT 700 - G100 Technical Writing & Research

Instructor(s): Manolis Savva

SFU Burnaby

Calendar Objective/Description:
Technical Writing & Research

Instructor's Objectives:
Covers technical writing and communication skills for research in computing science. Introduces students to scholarly publication procedures, research collaboration norms, ethics and intellectual property issues, as well as broadly useful tools for writing about and presenting research. Includes research seminar attendance and practicing constructive critique and feedback for ongoing research.

The objective of this course is to train well-rounded graduate students, to advance their ability to communicate and review scientific research, and become knowledgeable about issues surrounding computing science research.

Prerequisites:
see go.sfu.ca

Topics:
- Technical writing and communication
- Experimentation, statistical principles, and data visualization
- Ethics in computer science
- Research collaboration, scholarly publication process
- Intellectual property and entrepreneurship

Grading:
Grading will be based on written assignments, oral presentations, peer feedback, participation for in-class discussion, and attendance at research seminars. Detailed grading will be discussed during the first week of class.

Reference Books:
Writing for Computer Science, Justin Zobel, Springer, 9781447166382

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).