

COMP 690A/B – RESEARCH METHODS IN COMPUTER SCIENCE

Fall 2018/Winter 2019

Department of Computer Science
Memorial University of Newfoundland

Instructor:

Name: Minglun Gong
Phone: 864-3589
E-mail: gong@cs.mun.ca
Office: EN-2021A

Lectures:

Time slot: Thursday 10:30~11:45am (may use Tuesday slot for makeup lectures)
Room: EN-1052
Website: <http://www.cs.mun.ca/~gong/Courses/comp690ab/>

Course Description:

This course introduces basic skills required for conducting research in Computer Science, such as data analysis tools, peer review guidelines, technical writing and presentation. It also offers training on creative thinking and problem-solving skills. To learn the skills hands on, each student is required to work on an individual course project throughout the course, starting from surveying the literature to proposing a topic to finishing a report and presenting it to the department.

Prerequisite: N/A

Evaluation (Tentative):

Assignments:	40%
Presentations:	30%
Project Report:	30%

Course Topics:

Introduction	
Literature Search	(presentation)
Typesetting Documents	(assignment)
Peer Review	(assignment)
Project Proposal	(presentation)
Collaborative Writing	(assignment)
Data Analysis	(assignment)
Final Project	(presentation)

Resources:

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The Desire2Learn website (<https://online.mun.ca/>) is used for posting all assignments and you are required to check regularly regarding to assignment announcements and due dates. All assignments are due prior to the midnight of the specified dates. Late submissions will not be accepted. Finished assignment must be submitted online via Desire2Learn. Physical submissions are not required.