

SWE 4103 – Software Quality and Project Management
COURSE OUTLINE
Section 01A – Fall 2011-12

Class Times: MWF 11:30 – 12:20

Class Room: GWD110

Instructor:	Dr MacIsaac	Mr Briggs
Office:	ITD 418	GD114
Office Hours:	by appointment	TBA
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Course Web Site:	TBA	

Course Description

This course is an introduction to software quality in the context of project management. The content introduces methods and tools used in quality assurance of software. Major topics include:

- software metrics
- software process models and software quality standards
- software project tracking, planning, scheduling and monitoring
- managing software teams
- risk analysis
- formal specification languages
- Software verification and validation

Attending Lectures

SWE 4103 is a seminar based course. Students and instructor will share the responsibility of delivering lecture material. All lectures are equally important and it is expected that all students will attend and participate in all lectures (see appendix for schedule). Personal media devices such as cell phones, ipods, ipads, or computers are not allowed to be used during lecture unless otherwise specified by the instructor. Students who miss a lecture for any reason are expected to report the absence to the instructor via email. **Students who miss lectures regularly or fail to report absences may be asked to withdraw from the course.**

Evaluation (tentative)

Seminar	Presentation	in teams of 2	20%
	Paper	in team of 2; 20% details, 10% Questions	30%
Poster	Presentation	in teams of 2	10%
	Paper	in teams of 2	5%
Open	Preparation	in teams of 2	5%
Discussion	Delivery	in teams of 2	5%
Final Paper		individual	10%
Contributions to discussions		individual	15%
			100%

Working in Teams

When working in teams, work submitted for grading may be distributed as agreed upon by all team members, but all members of a team are expected to contribute equitably and grades will be altered accordingly when evidence suggests sizeable discrepancies in contributions. Inequitable distribution of workload must be reported to the instructor before work commences, so that intervention can occur.

When submitting written work as a member of a team, you are responsible for the full contents of the submission. If you are uncertain about the quality and/or referencing standards used by team members, check the work and encourage revision when necessary. In the event that you are uncertain about standards of submitted work even after revisions are encouraged, you must report your uncertainty to the instructor before submission. Failure to do this will hold all team members equally accountable for the submission.

Plagiarism

Details regarding plagiarism can be found in the Appendix of this document. As a student in a senior level university course, it is your responsibility to ensure that you understand these details. If you do not, use resources provided by UNB Library to develop your understanding (see <http://www.lib.unb.ca/research/Plagiarism.html>) and/or seek assistance from your instructor.

Reference Materials

See web site regularly for updated reference materials