COMP 354
Introduction to Software Engineering

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Course Web Site:
http://users.encs.concordia.ca/~gregb/home/comp354-w2016.html

Course Summary

Instructor: Greg Butler, EV-3.219, gregb@encs
`http://users.encs.concordia.ca/~gregb`

Lectures: Thursdays 17:45 – 20:15 H-411

Tutorials: Thursdays 20:30 – 21:20 H-537 and H-400

Labs: Thursdays 21:30 – 23:00 H-XXX and H-YYY

Office Hours: Thursdays 16:00 – 17:00 in EV 3.219
and by appointment

- Ask questions at lectures!

Recommended Books

- Roger Pressman, *Software Engineering: A Practitioner's Approach*, McGraw-Hill Education
- Craig Larman, *Applying UML and Patterns: An Introduction to Object-Oriented Analysis and Design and the Unified Process*, Prentice-Hall.

Evaluation

Quiz 1	22.5%
Quiz 2	22.5%
Project Increment 1	15%
Project Increment 2	15%
Project Increment 3	15%
Project — individual work	10%
Total	100%

You must pass both project and quiz components of the course.

Read the Course Outline!

Read the Project Description: 1D-2D Puzzle GCHQ System

Meet your team tonight
Get organized!

Course web site has details and announcements.

Project: 1D-2D Puzzle GCHQ System

Emphasis is on experiencing a complete software lifecycle (not final product)

- connections/dependencies between phases
- feedback/change request, re-work
- working as a team
- standards, review and testing to ensure quality/consistency of documents and software

Average load approx 10 hours per week (but varies)

Groups of about 6 students

- 3 roles: Documenter, Coder, Tester
- team responsibilities
- individual responsibilities

Project

Group dynamics are an important part

- minimise conflicts by establishing common goals & workload at start
- be specific about task assignments/deadlines
- allow for mistakes and re-work in schedule
- assign tasks as early as possible, so individuals can schedule their other work

Keep a personal diary of project activities.
For each of your activities

- Date, Start Time, End Time
- Who is present
- Brief description of activity and outcomes

URGENT: get to know your team!!!

Getting Assistance with the Course

Read textbook; read recommended books; consult web

Course web site: Read lecture slides; read references

All the answers should be on the course web site!

Course Lectures: Attend; Listen; Think; Ask questions in class

Course laboratory: Attend; Ask questions

Fellow Students: Discuss, debate, clarify

But no plagiarism!

Office Hours: Thursdays 1600–1700; or by appointment (email me)