

University of Windsor – School of Computer Science

03-60-322-01: Object-Oriented Software Analysis and Design, Winter 2018

Instructor: Prof. Preney
Email: preney@uwindsor.ca
Lectures: Tues. & Thurs. 1730h to 1850h in CS 53
Office Hours: Tues. & Thurs. 1620h to 1720h
Office Hours Location: LT 3104
Course Web Site: <https://moodle.cs.uwindsor.ca/course/view.php?id=83>
GA/TA Information: See web site.

Course Description & Required Text

This course builds on the knowledge of object-oriented programming, data structures, and systems programming. Students are introduced to object-oriented software analysis and design concepts (such as cohesion and coupling), and design practices currently used in industry, (such as design patterns and refactoring). These concepts and practices will be discussed through case studies and programming exercises. (Prerequisite: 60-212 and 60-254)

Larman, Craig (2005). Applying UML and Patterns: An Introduction to Object-Oriented Analysis and Design and Iterative Development, 3rd Edition. Prentice Hall PTR. ISBN: 0-13-148906-2.

Activities, Web Site, & 100% Grading

There are a number of assessed activities (e.g., assignments, open book quizzes, etc.). All activities' due dates and times are posted on the course web site. This course has **no** labs.

The course web site has the course outline, medical certificate, learning outcomes as well as all discussion forum(s), activities, lecture slides and materials, and submission links. Access is provided using your UWinID and password. Should you have any issues accessing the course web site, contact the instructor without delay so such can be addressed immediately. It is your responsibility to regularly access the course web site to keep up with posted content and activities. All current, up-to-date marks will appear on the course web site. The University of Windsor is using

a 100% grading system —only numeric final grades will be issued to students and all grades below 50% are considered failures.

Evaluation Scheme

Assessment Category	% of Final Grade	Test / Due Dates
Activities	30%	See web site.
Midterm 1	15%	Tues. Feb. 6 in classroom
Midterm 2	20%	Thurs. Mar. 1 in classroom
Final Exam	35%	Apr. 9 @ 1900h

Late and Missed Work/Test Policies

1. All assessed work submitted late will receive the mark of zero (0) unless, at the discretion of the instructor, the same extension/consideration is given to everyone in the class.
2. All missed assessed work and tests will receive the mark of zero (0) unless timely, acceptable, and valid written documentation is submitted. Should such be submitted and is determined to be valid, timely, and acceptable by the instructor, a deadline extension, a make-up test, or a pro-rating of the assessment as decided by the instructor will be granted.
3. The final exam must be written at the date, time, and location assigned by the University. If it is not, then a grade of zero (0) will be assigned as the exam mark. If one does not write

the final exam but provides valid, timely, and acceptable documentation to justify such, then a make-up exam date, time, and location will be the official date for such (i.e., Fri. April 20, 2017) or as formally assigned to you—which you must attend. If one does not show up to write the make-up exam, then a grade of zero (0) will be assigned as the exam mark.

4. For missed activities/tests, the only permitted medical certificate excuse form is available on the course web site in the “Course Outline” section. This form must be filled out by the student’s medical doctor.
5. Any documentation must be submitted directly to the instructor or to the IT Program Secretary, School of Computer Science (LT 5114).
6. All exam dates and times are subject to change by the Registrar. Be sure to check with the Registrar for changes.

Other Important Items

1. All assessed work and activities are due according to the dates and times posted on the course web site. Should such differ from this outline, which ever date is *later* within the semester is the due date of those items.
2. The instructor reserves the right to amend the due dates and times of assignments, the project, and any related activities to accommodate student learning. Any and all such times are available on the course web site.
3. The Student Evaluation of Teaching (SET) will take place during the last two (2) weeks of the term.

4. Should you have any special needs, disabilities, or challenges (e.g., learning disabilities, ADHD, physical disabilities, etc.) visit Student Accessibility Services (Room 117, Dillon Hall; 519-253-3000 ext. 3288, <http://www.uwindsor.ca/studentaccessibility> to help minimize the impact(s) of your disability on your learning and academic performance.
5. The University’s policy on Conduct of Test and Exams is available via http://www.uwindsor.ca/secretariat/sites/uwindsor.ca.secretariat/files/conduct_of_exams_and_tests.pdf
6. Your work must be your own: plagiarism will not be tolerated and will result in zero score(s) and may also be reported to the School’s Director.
7. Cheating will not be tolerated, will result in zero score(s), and will be reported to the School’s Director.
8. Students are not allowed to take a course for a third time unless permission has been obtained from the Dean’s office.
9. All students are expected to commit to a code of behaviour based on dignity and individuality and respect for the rights and property of others. Full details of the University’s academic integrity policy can be read here: <http://www1.uwindsor.ca/aio/>.
10. Additional and more specific course-related details, policies, learning outcomes, etc. may be found on the course web site.