Computer Science 2005  
Software Engineering  
Winter 2020

Instructor: Mark Hatcher  
Office: EN-2016  
Office Hours: Mondays & Fridays 12-1pm  
Phone: 864-4540  
e-mail: mhatcher@mun.ca
- include COMP2005 in the subject line  
- correspondence within the university must be via a valid @mun.ca email account  
- note that I DO NOT check email in Brightspace (D2L)

Lectures: Tuesday & Thursday 12-12:50pm, Friday 1-1:50pm, EN1054

Course Prerequisite: COMP 2001.

Course Content:  
We will cover approaches, documents and tools that can help you to analyse, design, build, test and maintain large software applications. You'll get to apply and develop your learning by working in teams on a multi-stage project.


Evaluation Scheme:  
There will be a small individual first assignment, followed by iterative group work on the project. You will be assigned to a group containing 4 or 5 members, and assessed as a group. There will also be two class exams.

<table>
<thead>
<tr>
<th>Type</th>
<th>%</th>
<th>Approximate Due Dates (these may change)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Individual Assignment</td>
<td>5</td>
<td>January 17th</td>
</tr>
<tr>
<td>Group Project</td>
<td>40</td>
<td>January 31st (10%), February 28th (10%), March 13th (10%), 27th (10%)</td>
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<tr>
<td>(iterative project submission dates listed)</td>
<td></td>
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<tr>
<td>Class Exams</td>
<td>50</td>
<td>February 14th, March 20th (25% each)</td>
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<tr>
<td>Presentation (team &amp; individual)</td>
<td>5</td>
<td>March 31st /April 2nd / April 3rd</td>
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Participation in the group project is compulsory. There is no alternative form of assessment.

You must obtain an average score of 50% on your class exams to pass this course.

Texts:  
There is no compulsory course text book, but wider reading is recommended:  
- O-O Systems Analysis & Design (Bennet, McRobb & Farmer)  
- Design Patterns: Elements of Reusable Object-Oriented Software (Gamma et al)
Important Notes:

1. Memorial University of Newfoundland is committed to supporting inclusive education based on the principles of equity, accessibility and collaboration. Accommodations are provided within the scope of the University Policies for the Accommodations for Students with Disabilities (www.mun.ca/policy/site/policy.php?id=239). Students who may need an academic accommodation are asked to initiate the request with the Glenn Roy Blundon Centre at the earliest opportunity (www.mun.ca/blundon).

2. In the event of university closure on the day of a test, the test will be given in the next class/lab meeting.

3. Assignments will require programming in Java. This programming language is available on the computers in several labs on campus. See the Accessing your LabNet Account on Campus link in Brightspace.

4. Assignments and project iterations are due at 4:59 p.m. on the specified date, in the specified manner. No late assignments will be accepted. It is your responsibility to make sure that the correct files are actually uploaded or present, so check for the confirmation that your files have been uploaded.

5. If, for special circumstances (such as medical or bereavement) you miss an assignment or test, notify your instructor as soon as possible, providing any related documentation (if documentation is required). Failure to do this can result in a mark of 0% for that work. Please refer to the current University policy regarding medical notes and the information to be in them. For more information, please see the University Calendar - University Regulations - General Academic Regulations (Undergraduate) 6.7.5 (Exemptions from Parts of the Evaluation) and 6.15 (Appeal of Decisions) or consult the Registrar's Office. If your reasons for the missed work are acceptable, then your instructor will provide details of any alternate evaluation scheme.

6. It is important to note that this course does not have an option for writing deferred class exams. If, for any reason, you miss a class exam, you should contact your instructor right away, giving the reasons for missing the exam, and requesting that the weight of the missed exam be added to the weight of the other exam. Any change will be subject to approval.

7. No supplementary exam will be given for this course. (See Supplementary Exams - University Calendar - Faculty of Science Degree Regulations 7.3 - Regulations to Govern Supplementary Exams in the Departments of Biochemistry, Computer Science, and Mathematics and Statistics.)

8. Assignments and class exams must be original and independent work. Copying someone else's work or allowing your work to be copied is a serious breach of university regulations and ethics. Any and all copied material will receive the mark of 0%. If your assignments are quite similar then it can be construed as copying. (Even if you have done your own work but have consulted a friend as you are doing the assignment then the assignment will turn out to be quite similar.) Please see the University Calendar - General Academic Regulations (Undergraduate) - 6.12 (Academic Misconduct).