

ENGI. 9874 Software Design and Specification

Course Information Sheet

Memorial University of Newfoundland

2020 Fall

Instructor Theodore Norvell, EN-3064, 864-8962.

Times MWF 9:00–10:00. Online room. Lab: Monday 13:00–15:00

Office hours Tues. 16:00–16:50 and Thurs. 13:00–13:50 at <https://mun.webex.com/meet/theo>.
Furthermore appointments at other times can be booked on the Brightspace site under Communication >> Webex.

Mail For anything concerning the course, please use the Brightspace “Course Mail”; I am user “theo”. For all other matters use regular email “theo@mun.ca”.

TA Mahya Soleimani Jadidi <msoleimanija@mun.ca> and Zhao, Zhenxin <zz4376@mun.ca>

Web page <http://www.engr.mun.ca/~theo/Courses/ssd/>

Textbook

Robert Martin, *Agile Software Development*, Prentice Hall, 2003, ISBN 0-13-597444-5.

References

Martin Fowler, *UML Distilled*, 3rd ed, Addison Wesley, 2004, ISBN 0-321-19368-7. (Available electronically from the library. See course web page.)

Cay Horstmann, *Core Java(TM) 2, Volume I-Fundamentals*, 11th ed., Prentice Hall PTR, 2020, or 9th ed., 2009. (9th edition available electronically from the library. See course web page.)

Craig Larman, *Applying UML and Patterns*, 2nd ed., Prentice Hall PTR, 2002.

Erich Gamma et al, *Design Patterns*

Booch et al., *The UML User Guide*

Rumbaugh et al, *The UML Reference Manual*

Freeman and Freeman, *Head First Design Patterns* (Available electronically from the library. See course web page.)

1 Software

Java 11 JDK (or later)

Eclipse for Java Developers

GIT

Visual Paradigm (Standard Edition)

Evaluation Scheme with *Tentative* Dates

Midterms	20%	Oct 19 and Nov 16
Assignments	15%	Sept 21, Oct 5, Oct 26
Project	35%	
Final	20%	TBA
Float	10%	(Better of midterm & final)

Other Information

- Late assignments and projects will not be accepted without prior arrangement or documented justification.
- Any complaints about marks, addition, recording etc., or special circumstances (e.g., illness, bereavement) must be brought to my attention before the exam.
- Academic dishonesty will, as a minimum, result in a mark of zero for the offending work. Academic dishonesty will be reported to the Associate Dean. Academic dishonesty includes copying from another student's work or allowing another student to copy from one's own work, consulting with any unauthorized person during an examination or test, using unauthorized aids, and presenting the ideas or works of another as one's own. If you have any doubt about whether something constitutes academic honesty, consult with the instructor.
- Asking questions is strongly encouraged.
- Comments, suggestions and constructive criticisms are always welcome.