MEMORIAL UNIVERSITY

Faculty of Engineering and Applied Science

Course Outline
ENGI1000

Fall 2014

Engineering 1000: Fundamentals of Widgets

Instructor	Your name your.email@provider.com 864-1234 EN1234	**TA(s)**	Ingrid M Engineer imeng@mun.ca (123) 456-7890 x9876 EN1235
Office Hours	Tue 15:00–16:00		Thu 15:00–16:00

Website	`http://www.engr.mun.ca/teaching/ENGI1000`
Calendar entry	Engineering 1000 Fundamentals of Widgets provides first-year students with introductory exposure to the analysis and design of widgets. Topics include widget geometry, statics, dynamics and the application of electricity to non-conductive widgets.
Prerequisite(s)	MATH1000
Schedule	Lecture MWF 15:00–15:50 EN-1054 Tutorial F 9:00–9:50 EN-3000/3029 Lab W 10:00–11:50 EN-3000/3029
Credit value	3 credit-hours
Textbook	–
References	–

1 Major Topics

- Widget fundamentals
- Widget analysis
- Widgets and society
- Advanced widget design

2 Learning Outcomes

Upon successful completion of this course, the student will be able to:

1. explain the theoretical foundations of widgets,
2. analyze the design and application of a standard widget,
3. design simple widgets,
4. synthesize widget specifications and
5. evaluate the fitness of a widget for a specification.

3 Assessment

Assignments will be given …Written evaluation will take place in October and during the final exam weeks (8–17 Dec). The month of November should largely be used for project work.

Assignments (5/6)		10%
Assignment 0	15 September	
Assignment 1	22 September	
Assignment 2	29 September	
Assignment 3	6 October	
Quiz	3 October	5%
Midterm exam	17 October	15%
Project	1 December	20%
Final Exam		50%

4 Academic Integrity and Professional Conduct

The Faculty of Engineering and Applied Science has a Student Code of Conduct pertaining to ethics and professionalism. It is available at `http://www.engr.mun.ca/policies/codeofconduct` and reproduced here:

> Like Professional Engineers, engineering students are expected to behave in a professional manner at all times. Students are encouraged to conduct themselves in a manner consistent with the PEG-NL Code of Ethics.
>
> Memorial University has two sets of rules which deal with inappropriate behavior by students. The first set deals with academic offences such as cheating while the other set deals with non academic offences such as disruptive behavior in class.
>
> Both sets of rules can be found in the University Calendar under Regulations. It is strongly recommended that students read and follow these rules because the penalties can be severe, the severest being expulsion from the University.

5 Inclusion and Equity

Students who require physical or academic accommodations are encouraged to speak privately to the instructor so that appropriate arrangements can be made to ensure your full participation in the course. All conversations will remain confidential.

The university experience is enriched by the diversity of viewpoints, values, and backgrounds that each class participant possesses. In order for this course to encourage as much insightful and comprehensive discussion among class participants as possible, there is an expectation that dialogue will be collegial and respectful across disciplinary, cultural, and personal boundaries.

6 Student Assistance

Student Affairs and Services offers help and support in a variety of areas, both academic and personal. More information can be found at `http://www.mun.ca/student`.