

## 5. Evaluation

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The final grade in this course will comprise an equal contribution from the two projects performed within the term.

Table 5.1: Final course grade.

| Evaluation                                | Percentage of Final Grade |
|---|---------------------------|
| Course orientation & safety briefing quiz | 2                         |
| Letters of Proposal                       | 15                        |
| Final Oral Presentations *                | 15                        |
| Final Reports                             | 68                        |
| <b>Total Final Grade</b>                  | <b>100</b>                |

\* Two oral presentations are completed for each project. The final formal oral presentation will be graded by the project supervisor and/or the course instructor. The less formal oral presentation of the proposal is done to the supervisor alone.

Each group member is required to contribute equally to the preparation of the written proposal, final written report and oral presentation.

Samples of the evaluation forms used by the Project Supervisors can be viewed/downloaded from the “*CHEE 420 Course Manual*” module on the course onQ website.

Grading and evaluation feedback will be posted on the course onQ website.

Policies for the handling of re-evaluations can be found in the document titled “3. *Course Policies*” in the “*CHEE 420 Course Manual*” module on the course onQ website.

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## Grade Calculation Policy

### *Final Course Grade*

All graded components of this course will receive a final numeric percentage mark (these marks will be posted on onQ as grading is completed). The final course grade will be derived by converting your numerical course final grade to a letter grade according to Queen's official grade conversion scale:

Table 5.2: Queen's official grade conversion scale.

| <b>Numeric Grade Range</b> | <b>Letter Grade Equivalent</b> |
|----------------------------|--------------------------------|
| 90-100%                    | A+                             |
| 85-89%                     | A                              |
| 80-84%                     | A-                             |
| 77-79%                     | B+                             |
| 73-76%                     | B                              |
| 70-72%                     | B-                             |
| 67-69%                     | C+                             |
| 63-66%                     | C                              |
| 60-62%                     | C-                             |
| 57-59%                     | D+                             |
| 53-56%                     | D                              |
| 50-52%                     | D-                             |
| 0-49%                      | F                              |

***Calculation of numeric grades from letter grades - “Letters in, numbers out method”***

The conversion of letter grades to numeric grades for the purpose of calculating an assignment final grade, will use the Faculty of Engineering and Applied Science grade point scale. These numeric equivalents will be used along with any weighting factors for each letter-graded criteria to calculate the final numeric grade for an assignment:

Table 5.3: Letter grade to numeric percentage conversion. Based on Faculty of Engineering & Applied Science grade point scheme (note: numeric equivalents have been modified/expanded for "F" category grades).

| <b>Letter Grade</b> | <b>Numeric Equivalent</b> |
|---------------------|---------------------------|
| A+                  | 95                        |
| A                   | 87                        |
| A-                  | 82                        |
| B+                  | 78                        |
| B                   | 75                        |
| B-                  | 71                        |
| C+                  | 68                        |
| C                   | 65                        |
| C-                  | 61                        |
| D+                  | 58                        |
| D                   | 55                        |
| D-                  | 51                        |
| F+                  | 45                        |
| F                   | 25                        |
| F-                  | 0                         |

***Explanation of letter grades***

The general meaning of the letter grades are as follows:

**Excellent**

- (A+) Truly exceptional performance that exceeds highest standards.
- (A) Outstanding performance that meets highest standards.
- (A-) Excellent performance that meets very high standards.

**Good**

- (B+) Very good performance that meets high standards.
- (B) Good comprehension of material. Expectations have been met.
- (B-) Reasonably good comprehension of material. Most expectations have been met.

**Acceptable**

- (C+) Acceptable comprehension of material, meeting and in some cases exceeding basic standards.
- (C) Generally acceptable comprehension of material, meeting basic standards.
- (C-) Minimally acceptable comprehension material while falling short of basic standards in some areas.

**Needs Improvement**

- (D+) Needs significant improvement. Comprehension of the material was unsatisfactory, but sufficient for credit to be granted.
- (D) Needs major improvement. Comprehension of the material was unsatisfactory, but sufficient for credit to be granted.
- (D-) Minimum pass. Comprehension of the material was unsatisfactory; barely sufficient for credit to be granted.

**Unsatisfactory**

- (F+) Failure. Minimum standards have not been met.
- (F) Failure. Well below minimum standards.
- (F-) Failure. Complete absence of effort.

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