# ASSESSMENTS

This course has 5 assessments. Each assessment is described in more detail in the sections below.

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| --- | --- | --- | --- | --- | --- |
|  | **Assessment Name** | **Due Date** | **Involvement** | **Weighting** | **Learning Outcomes** |
| **1a** | Initial self assessment  (as part of the reflective journal) | 10/03/17 | Individual | 5% | 6 |
| **2a** | Preliminary Design Report | 03/04/17 | Individual | 15% | 1, 2, 4, 5 |
| **3** | Peer review of design | 10/04/17 | Individual | 10% | 4, 6 |
| **2b** | Progress report | 24/04/17 | Group | 15% | 1, 2, 4, 5 |
| **4** | **Project testing** | **15/05/17** | **Group** | 20% | 1, 3 |
| **2c** | **Final report** | 26/05/17 | Individual | 20% | 1, 2, 3, 4, 5, 6 |
| **5** | Design Thinking task | 26/05/17 | Individual | 10% | 1, 2, 4, 5 |
| **1b** | Reflective learning | 26/05/17 | Individual | 5% | 6 |
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2017 - Retention of Assignment Scripts.

In 2018, the University of Newcastle will undergo its 5 yearly accreditation cycle with Engineers Australia. Part of this routine process is the collection of a sample of student assignments over a 1+ year period. The objective is to provide the accrediting panel an indication of educational rigour across all courses. In 2017, we will commence collecting sample assignments from each and every assessment task, across the full spectrum of marks. They will be provided to the panel but not de-identified. If you object to your assignment being retained with your name associated, please indicate this on the submission, and if retained, we will de-identify your paper. All papers will be destroyed at the completion of the accreditation process.

**Late Submissions** The mark for an assessment item submitted after the designated time on the due date, without an approved extension of time, will be reduced by 10% of the possible maximum mark for that assessment item for each day or part day that the assessment item is late. Note: this applies equally to week and weekend days.

**Assessment 1a – Self assessment**

|  |  |
| --- | --- |
| **Assessment Type** | Quiz |
| **Description** | This is the first part of the reflective learning task in which students will self-assess their current position as an engineer and what they hope to achieve in this course. |
| **Weighting** | 5% |
| **Due Date** | 10/03/17 (Friday week 2) |
| **Submission Method** |  |
| **Assessment Criteria** |  |
| **Return Method** |  |
| **Feedback Provided** |  |

**Assessment 2a – Preliminary design**

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| --- | --- |
| **Assessment Type** | Report |
| **Description** | Students will submit an initial design for their project which will be assess both conventionally and via peer review. The project process will be graded and the report writing assessed formally. |
| **Weighting** | 15% |
| **Due Date** | 03/04/17 (Monday Week 6) |
| **Submission Method** |  |
| **Assessment Criteria** |  |
| **Return Method** |  |
| **Feedback Provided** |  |

**Assessment 3 – Peer review of design**

|  |  |
| --- | --- |
| **Assessment Type** | Report |
| **Description** | Students build their own marking rubric and peer review Assessment 2 as a means of improving communication skills. |
| **Weighting** | 10% |
| **Due Date** | 10/04/17 (Monday week 7) |
| **Submission Method** |  |
| **Assessment Criteria** |  |
| **Return Method** |  |
| **Feedback Provided** |  |

**Assessment 2b – Progress report/presentation**

|  |  |
| --- | --- |
| **Assessment Type** | Presentation |
| **Description** | A 75% project completion progress report where students will describe both their work so far and plan for completion in the remaining timeframe. |
| **Weighting** | 15% |
| **Due Date** | 24/04/17 (Monday week 8) |
| **Submission Method** |  |
| **Assessment Criteria** |  |
| **Return Method** |  |
| **Feedback Provided** |  |

**Assessment 4 – Project testing**

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| --- | --- |
| **Assessment Type** | Experimental testing |
| **Description** | Physical projects will be tested and ranked. |
| **Weighting** | 20% |
| **Due Date** | 08/05/17 (Monday week 10) |
| **Submission Method** |  |
| **Assessment Criteria** |  |
| **Return Method** |  |
| **Feedback Provided** |  |

**Assessment 2c – Final report**

|  |  |
| --- | --- |
| **Assessment Type** | Report |
| **Description** | A completed report on the project including preliminary design and progress reports. Focus is to be on critical analysis and evaluation of the project. |
| **Weighting** | 20% |
| **Due Date** | 19/05/17 (Friday week 11) |
| **Submission Method** |  |
| **Assessment Criteria** |  |
| **Return Method** |  |
| **Feedback Provided** |  |

**Assessment 5 – Design thinking task**

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| --- | --- |
| **Assessment Type** | Report |
| **Description** | Devise a creative solution to an open problem. |
| **Weighting** | 10% |
| **Due Date** | 26/05/17 (Friday week 12) |
| **Submission Method** |  |
| **Assessment Criteria** |  |
| **Return Method** |  |
| **Feedback Provided** |  |

**Assessment 1b – Reflective learning**

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| --- | --- |
| **Assessment Type** | Report |
| **Description** | This is the second part of the reflective learning task in which students will self-assess their current position as an engineer, how they have progressed since part 1 and what they hope to achieve in the remainder of their degree. |
| **Weighting** | 5% |
| **Due Date** | 26/05/17 (Friday week 12) |
| **Submission Method** |  |
| **Assessment Criteria** |  |
| **Return Method** |  |
| **Feedback Provided** |  |