

# Unit Outline (Higher Education)

**Institute / School:** Institute of Innovation, Science & Sustainability

**Unit Title:** ADVANCED ENGINEERING PROJECT 2

**Unit ID:** ENGIN5003

**Credit Points:** 30.00

**Prerequisite(s):** (ENGIN5002)

**Co-requisite(s):** Nil

**Exclusion(s):** (ENCOR7030)

**ASCED:** 039999

**Description of the Unit:**

This unit is intended to be taken in sequence with ENGIN5002 and will build upon this unit. Students will continue to develop their knowledge and skills necessary to undertake an advanced engineering research project. In the process, students will employ a combination of hands-on, analytical and computing skills relevant to their field of advanced study. Students will present their findings in front of a peer based audience and will produce a final written thesis or other suitable form of written work.

**Grade Scheme:** Graded (HD, D, C, P, MF, F, XF)

**Work Experience:**

No work experience: Student is not undertaking work experience in industry.

**Placement Component:** No

**Supplementary Assessment:** Yes

Where supplementary assessment is available a student must have failed overall in the Unit but gained a final mark of 45 per cent or above, has completed all major assessment tasks (including all sub-components where a task has multiple parts) as specified in the Unit Description and is not eligible for any other form of supplementary assessment

**Course Level:**

Level of Unit in Course	AQF Level of Course					
	5	6	7	8	9	10
Introductory	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Intermediate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Advanced	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

### Learning Outcomes:

On successful completion of the unit the students are expected to be able to:

### Skills:

- S1.** Assess research literature to identify gaps in knowledge and to synthesize information and/or ideas at an advanced level.

### Unit Content:

Topics may include:

- Structuring and drafting of a research thesis.
- Producing a research paper out of the thesis work.

### Learning Task and Assessment:

- Structuring and drafting of a research thesis.
- Producing a research paper out of the thesis work.

### Adopted Reference Style:

Refer to the [library website](#) for more information

Fed Cite - [referencing tool](#)