



**Australian
National
University**

STUDENT PROJECT DEED

between

The Australian National University

and

Neil Bradbury (u5841150)

PARTIES

Neil Bradbury (u5841150) (**You**)

AND

THE AUSTRALIAN NATIONAL UNIVERSITY ABN 52 234 063 906 an educational and research institute and body corporate pursuant to the *Australian National University Act 1991* (Cth) of Acton in the Australian Capital Territory, 2601 (**University**).

Part A: Details

Item	Item description	Details
1.	Student	Neil Bradbury (u5841150@anu.edu.au)
2.	Course and Host	Course: ENGN4200 Host College/School: College of Engineering, Computing & Cybernetics / School of Engineering
3.	Academic Supervisor	Dr Marco Ernst and Dr. Hieu Nguyen Senior Research Fellow & Lecturer School of Engineering College of Engineering, Computing & Cybernetics Engineering Building 32, North Road Email address for notices: marco.ernst@anu.edu.au
4.	Host Supervisor	Dr Marco Ernst and Dr. Hieu Nguyen Senior Research Fellow & Lecturer School of Engineering College of Engineering, Computing & Cybernetics Engineering Building 32, North Road Email address for notices: marco.ernst@anu.edu.au
5.	Project Period	Start Date: 24/07/2023 End Date: 24/05/2024
6.	Special Conditions	The parties have agreed that ANU will place any resulting Intellectual Property from the Project into the public domain under a suitable open-source agreement, similar to the CC BY-SA 4.0 licence. This special condition applies only if the project material is of the quality required for publication and has been deemed suitable for publication by the academic supervisor.
7.	Project Outline and Objectives	The Project Outlines and Objectives are those set out in Part B.

The University, through the College of Engineering, Computing & Cybernetics (**CECC**) and School of Engineering (**SoE**) will facilitate the Project. Your obligations during the period of the Project include:

1. Interpretation

- 1.1. Where more than one student is a party to this Agreement, “You” refers to them jointly and severally and the students hold their rights under this agreement both jointly and severally. Obligations of the students are held severally.

2. Confidentiality and Privacy

- 2.1. You cannot disclose any Host information or records (Confidential Information) obtained during the Project without prior written consent.
- 2.2. You must take all reasonable measures to ensure that any Confidential Information accessed or held by You is protected against loss or unauthorised access, use, modification, disclosure or other misuse.
- 2.3. You can only use the Confidential Information obtained during the Project for the purpose of performing the Project and for the Project Period.
- 2.4. Any material You create that contains Confidential Information must be presented to Your Host Supervisor before it can be submitted for assessment, published or disclosed to a third party.
- 2.5. You consent to your personal information and conduct being disclosed for the purpose of undertaking the Project.

3. Intellectual Property

Intellectual Property (IP) means all rights resulting from intellectual activity in the industrial, scientific, literary and artistic fields including copyright, inventions (including granted patents and patent applications), trademarks (including registered trademarks and trademark applications), designs (including registered designs and design applications), circuit layouts and the like, trade secrets, know-how, and plant breeder’s rights.

Project Material means any materials (including data and software) and Intellectual Property generated in connection with the Project but excludes copyright in Your thesis or assessable work.

- 3.1. You assign to the University all Your right and title to and interest in Project Material to the University.
- 3.2. The University grants You a fee-free licence to use Project Material for the purpose of Your assessable work necessary to satisfy the Course requirements specified in Part B.
- 3.3. You grant the University an irrevocable fee-free licence to use Your assessable work for internal business use and research.

4. Acknowledgement

The University acknowledges that:

- 4.1. the Project is being undertaken as an educational exercise as part of Your studies, and You may not have relevant qualifications or expertise;
- 4.2. You may not produce any results or outcomes;

- 4.3. You make no promise, prediction or warranty whatsoever in respect of the results or outcomes arising from the Project;
- 4.4. You do not provide any warranty or representation that the results or outcomes of the Project are:
 - a) error free; or
 - b) fit for any particular purpose.

5. Independent Legal and Professional Advice and Own Reliance

You warrant and represent that:

- 5.1. You have been provided with no less than 30 days to obtain independent legal advice and You enter into this deed freely and voluntarily on the basis of that advice;¹
- 5.2. in entering this deed, You do not rely on any representations, advice, promise, statement or information of any kind from any person, other than as set out in this deed;
- 5.3. You acknowledge that the University does not provide financial or business advice and You will seek your own financial, tax or business advice in relation to your rights or obligations; and
- 5.4. You are aware that the University relies on the warranties and representations made by the You in connection with this deed.

6. General

- 6.1. In the event of any question, issue or dispute arising in relation to Your conduct during the Project, the matter will be resolved in accordance with University policies and procedures.
- 6.2. You must inform Your supervisor immediately if the risk of, or an actual conflict of interest arises prior to, or during, the Project.

¹ See paragraph 4 of "Procedure: Student intellectual property".

Part B: Project Outlines and Objectives

1. Enrolment

- 1.1. The Student is enrolled in the ENGN4200 for the Term and be assessed for academic credit (12 units), as specified in the Details.

2. Project objectives

- 2.1. The Project aims to provide the student with the opportunity to identify and apply engineering approaches to develop a portable electroluminescence measurement system for photovoltaic modules.
- 2.2. The Project will enable students to develop their professional skills, values, and attributes in a way that directly complements their technical expertise. Students will work on a Project and the tasks undertaken will be assessed for academic credit as outlined in more detail below. The curriculum, that is the content and learning processes, will be defined by the work, and the guidance offered (as far as possible, and when available) will be in areas that match the aims and content of the Course.
- 2.3. Intended learning outcomes include, but are not limited to:
 - 2.3.1. Synthesise advanced engineering knowledge and approaches to produce elegant solutions to technical problems.
 - 2.3.2. Develop, analyse, and critically evaluate alternative options in order to justify and generate solutions in a real-world project.
 - 2.3.3. Apply project management and organisational skills to produce time-sensitive deliverables in a multi-disciplinary team.
 - 2.3.4. Effectively communicate decisions and solutions using appropriate media to professional and lay audiences.
 - 2.3.5. Demonstrate and reflect on leadership, creativity, and professional attributes as an individual and as member of a multi-disciplinary team.

3. Indicative assessment

1. Context Document (5) [LO 1,2,3,4,5,6]
2. Midterm Report (15) [LO 1,2,3,4,5,6]
3. Thesis and Poster Presentation (80) [LO 1,2,3,4,5,6]

The ANU uses Turnitin to enhance student citation and referencing techniques, and to assess assignment submissions as a component of the University's approach to managing Academic Integrity. While the use of Turnitin is not mandatory, the ANU highly recommends Turnitin is used by both teaching staff and students. For additional information regarding Turnitin please visit the ANU Online website.

4. Course participation/Project

Students undertake an individual engineering project, with supervision. Project topics can be selected from available student projects or developed by students as agreed with their supervisors. Students are strongly advised to identify their supervisor and finalise their project topic prior to commencement of the first semester of their project. Students register their supervisor-approved project through Wattle course page by week 3 of the first semester of the project.

Students are expected to manage all aspects of their individual project from conceptualization through the planning phase to the monitoring and control of the project performance and the ultimate achievement of the assessment deliverables. Details of the project process, roles and responsibilities are communicated through the Wattle course page.

The work-load expectation for Individual Project is no less than one full day per week during each semester, including mid-semester break. It is strongly recommended that additional time is spent during summer holiday (early start involving literature survey, learning to use equipment, preparatory experiments, etc.).

EXECUTED AS A DEED

SIGNED, SEALED AND DELIVERED

for and on behalf of the **Australian National University ABN 52 234 063 906** by an authorised officer in the presence of:

Nick Barnes

(Signature of authorised officer)

Nick Barnes

(Printed name of authorised officer)

Nick Barnes

(Position of authorised officer)

22/3/2024 | 9:31 AM AEDT

Date

SIGNED, SEALED AND DELIVERED

by the **Student** in the presence of:

Neil Bradbury (u5841150)

NBradbury

(Signature)

NEIL BRADBURY

(Printed name)

14/9/2023

Date

Marco CA

(Signature of witness)

Marco ERNST

(Printed name of witness)