

# SEE4000: PROFESSIONAL DEVELOPMENT II

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## Effective Term

Semester B 2022/23

## Part I Course Overview

### Course Title

Professional Development II

### Subject Code

SEE - School of Energy and Environment

### Course Number

4000

### Academic Unit

School of Energy and Environment (E2)

### College/School

School of Energy and Environment (E2)

### Course Duration

Non-standard Duration

### Other Course Duration

Students should obtain 160 hours of internship experience by the end of the study period

### Credit Units

0

### Level

B1, B2, B3, B4 - Bachelor's Degree

### Medium of Instruction

English

### Medium of Assessment

English

### Prerequisites

SEE2000 Professional Development I

### Precursors

Nil

### Equivalent Courses

Nil

### Exclusive Courses

Nil

## Part II Course Details

### Abstract

This course is designed to prepare students for their co-curricular experience related to energy, environment or sustainability. Students are required to obtain 160 hours of internship experience by the end of the study period in order to pass the course. Subject to approval by the course leader, internship experience acquired prior to registration in the course may be counted. Upon successful completion of the course, students will have developed a range of technical and non-technical skills to enhance their employability.

### Course Intended Learning Outcomes (CILOs)

CILOs		Weighting (if app.)	DEC-A1	DEC-A2	DEC-A3
1	Apply scientific or engineering knowledge to the solution of problems in energy, environment or sustainability.	45		x	
2	Explain the importance of non-technical, soft skills to professional practice in energy, environment or sustainability.	25	x		
3	Work effectively as an energy, environment or sustainability professional.	30			x

#### A1: Attitude

Develop an attitude of discovery/innovation/creativity, as demonstrated by students possessing a strong sense of curiosity, asking questions actively, challenging assumptions or engaging in inquiry together with teachers.

#### A2: Ability

Develop the ability/skill needed to discover/innovate/create, as demonstrated by students possessing critical thinking skills to assess ideas, acquiring research skills, synthesizing knowledge across disciplines or applying academic knowledge to real-life problems.

#### A3: Accomplishments

Demonstrate accomplishment of discovery/innovation/creativity through producing /constructing creative works/new artefacts, effective solutions to real-life problems or new processes.

### Teaching and Learning Activities (TLAs)

TLAs	Brief Description	CILO No.	Hours/week (if applicable)
1	Work experience	Students will complete a total of 160 hours of professional internship experience (paid or volunteer).	1, 2, 3

### Assessment Tasks / Activities (ATs)

ATs	CILO No.	Weighting (%)	Remarks (e.g. Parameter for GenAI use)
1	Reports	1, 2, 3	100

### Continuous Assessment (%)

100

### Examination (%)

0

**Examination Duration (Hours)**

N/A

**Assessment Rubrics (AR)****Assessment Task**

1. Reports

**Criterion**

Evidence of professional development and effective performance in a real workplace

**Pass (P)**

Satisfactory

**Failure (F)**

Unsatisfactory

## Part III Other Information

**Keyword Syllabus**

- Technical skills: scientific or engineering knowledge, interdisciplinarity, problem solving
- Non-technical skills: leadership, entrepreneurship, communication, self-motivation
- Professional training, career development, employability

**Reading List****Compulsory Readings**

Title	
1	Nil

**Additional Readings**

Title	
1	Bosman, L., & Fernhaber, S. (2018). Teaching the Entrepreneurial Mindset to Engineers (1st ed. 2018. ed.). Cham: Springer International Publishing.
2	Neugebauer, J., & Evans-Brain, J. (2016). Employability: Making the Most of Your Career Development. SAGE Publications.