

Assessment of Learning Outcomes for an Employment Experience Module

2024 Showcase on Learning, Teaching and Assessment

- **Lecturer & Supervisor**

- **Peter Monahan BSc Dip Eng. Dip PM CEng**

- I am in my 5th year of Lecturing with TU Dublin , 5th year Full-time
- I have over 25 years of industry experience, Consultancy, Construction Management & Client Roles
- Weekly meetings usually 1:00-2:00 on Wednesdays 1/hr per week
- Set out an indicative program of completion with approximate dates
- Divide into group A,B etc
- Monitor progress and answers queries
- Prepare for hand-ups, interviews and presentations

MECH2039 Work Experience module for semester 1.

This is an optional module, as mentioned in the introduction email. It is an option for 5 ECTS points to get an exemption in Semester 2 from a Professional Development and Examination.

There are 4 main parts

- 1) Sign up for the module by completing the Employment Questionnaire**
- 2) Complete your work journal either based on a summer work employment or a current part time experience role, this is really to help you plan your report, but I want to see evidence of it during Semester 1**
- 3) Work Experience Report at the end of Semester 1**
- 4) Live PowerPoint Presentation in person to myself and a panel of lecturers in early December**

Preliminary Program 2023/24

Date	Description	Lecture no.	Deliverable Schedule
18.09.23	Welcome and introduction		
25.09.23	Introduction & Overview of the Module	1	Introduction
02.10.23	Explanation of Module, Hand up dates, Program, Descriptor and Employer feed back questionnaire	2	
09.10.23	Divide up Groups, Work Journal Criteria, Work Journal top Ten and Format	3	Questionnaire Complete Employer & Student on Brightspace 15/10/23
16.10.23	Discussion around the work log and journal Progress	4	Complete Work Journal 22/10/23 on Brightspace
25.10.23	Competencies /Report Communication, Technological, Organisational Headings and feedback	5	
30.10.23	Reading week discussion - informal lecture	6	Mid term
06.11.23	Competencies /Report Communication, Technological, Organisational Headings and feedback Presentation by each student	7	1 Minute Presentation by students on summary of Work Experience/ draft report headings
13.11.23	Discuss the report format, develop and discuss the competencies	8	
20.11.23	Persona Example and Discuss the Key competencies	9	
27.11.23	Persona Example and Discuss the Key competencies and Wrap up lecture	10	Final Report final report and Presentation Slides on brightspace December 01 to allow for correction
04.12.23	Presentation to the Employment Experience Panel	11	Student Presentations
11.12.23	Wrap up lecture, feed back and Q6B questionnaires	12	

Develop key competences

- Engineering market sector *or* service sector
- Development academically, socially, and personally; and empowers them to contribute meaningfully to society and to the economy.
- Work experience which is completed within an organisation
- Focus on organisational skills
- Focus on Management skills
- Focus on Supply chain and operational areas
- Focus on effective communication of technical and other information
- Interpersonal skills
- Quality assurance
- Safe working practice.

Module Learning Outcomes

- Communicate technical and other information effectively both orally and in written form in a professional environment.
- Work effectively as part of a team and develop self directed and work management skills.
- Discuss the relevance and application of safe work practices in the workplace, in the context of relevant statutory requirements and codes of practice.
- Describe the company structure, including management roles, HR functions, and Quality Assurance systems.
- Outline and present the project/process/service you were involved with, the key management roles and your role in contributing to the achievement of the company goals and technological tasks.
- Summarize and report on learning experiences through a detailed preparation and final presentation of a reflective journal and report, as per the guidelines given in the Employment Experience Module Handbook.

Develop key competences of an engineering technician

- effective communication and interpersonal skills
- self management
- professional responsibility
- creating and applying safe working practices
- management, safety, quality assurance and environmental issues in the context of any organisation:
 - supply chain management,
 - operational,
 - business and
 - service work environments.

Contact with employer

- An Employer questionnaire including consent for the student to participate in the Employment Experience module
- Feedback from the employer is sought upon completing the module
- The lecturer will be following up with your employer, if necessary, as a spot check and for the purposes of accreditation
- All information in the Questionnaires will be private and confidential
- Information will be stored on Brightspace only for reference and accreditation purposes only

What makes this Authentic Assessment

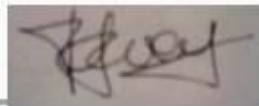
- This is a 5 ECTS Module which aligns with the Management Studies 1, MECH 2002
- Early involvement with the 1st Mechanical and General Engineering classes is critical to this module success and it is a voluntary module
- The constructive nature of the module is very important, questionnaire, work journal, employment report, professional presentation
- This is not just a job or work experience it is professional employment to meet learning out, example of NASA astronaut or brushes
- Authentic Assessment with student reflection by completion of the work journal and that indicative weighting of the 4 main activities of the module

**TU DUBLIN AUTHENTIC ASSESSMENT
SCHOLAR 2021**

This certificate recognises

PETER MONAHAN

as a recipient of an Authentic Assessment Scheme
scholarship



DR. JENNIFER HARVEY
Head Learning, Teaching and Technology
Centre, TU Dublin



PROF. BRIAN BOWE
Head of Academic Affairs and
Assistant Registrar, TU Dublin