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Title: Engineering Practice 2  
Status: Definitive  
Code: **5005MEQR** (129305)  
Version Start Date: 01-08-2021

Owning School/Faculty: Engineering  
Teaching School/Faculty: Oryx Universal College WLL

Team	Leader
Allan Carrier	Y

**Academic Level:** FHEQ5      **Credit Value:** 20      **Total Delivered Hours:** 44  
**Total Learning Hours:** 200      **Private Study:** 156

### Delivery Options

Course typically offered: Year Long & NS Year Long

Component	Contact Hours
Lecture	12
Practical	24
Tutorial	8

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Portfolio	AS1	Experimental Practice	60	
Report	AS2	Literature Review	40	

### Aims

*To enable students to develop the skills required to practice as a professional engineer. This module provides a broad range of experiences including laboratory's and report writing skills required of a professional engineer.*

## Learning Outcomes

After completing the module the student should be able to:

- 1 Carry out a laboratory experiment, collect notes and data, and write a professional report
- 2 To conduct engineering activities in a professional manner
- 3 Research a topic, find relevant literature and produce a critical review

## Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

Experimental Practice	1	2
Literature Review	3	

## Outline Syllabus

*The list below provides an indicative list of topics which may be covered in this module:*

### *Experimental Practice*

- *Complete a set of laboratory experiments*
- *Observation, measurement and recording of experimental results*
- *Data Handling*
- *Presenting and reporting of results*
- *Professional Development*

### *Research Methods*

- *Research & Library Skills*
- *Report Writing*
- *Critical Thinking*

## Learning Activities

A series of lectures, practical's (in the form of laboratory experiments) and tutorials.

## Notes

Students must complete the assessment exercises to a satisfactory standard in order to achieve a pass grade in this module.