MODULE SPECIFICATION

Part 1: Information			
Module Title	Foundation Group Project		
Module Code	UFMFHG-15-0	Level	Level 3
For implementation from	2020-21		
UWE Credit Rating	15	ECTS Credit Rating	7.5
Faculty	Faculty of Environment & Technology	Field	Engineering, Design and Mathematics
Department	FET Dept of Engin Design & Mathematics		
Module type:	Standard		
Pre-requisites	None		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	None		

Part 2: Description

Educational Aims: See Learning Outcomes.

Outline Syllabus: By a combination of taught and project based learning students will become conversant with:

Group Work: basic principles of group dynamics. Understanding of roles within groups and management of themselves and their peers.

Use of information research skills, library skills, report writing, oral presentation and poster displays including professional standards of referencing.

Use of software tools to model and analyse data as part of project based problems.

Project management: develop an understanding of professional project management to set the foundation of good professional practise.

As the aims of this module are to assist students to develop skills, the specific content of each project may vary and fluctuate to meet the needs of the students.

Teaching and Learning Methods: Scheduled teaching and learning will be based around group projects supported by lectures, project supervision and workshops.

Independent learning includes hours engaged in research, investigation, software practise, analysis and preparation of group reports and presentations.

Hours:
Lectures and tutorials: 36
Assimilation and skill development: 27
Coursework: 72
Presentation preparation: 15
Total: 150

Part 3: Assessment

The assessment strategy is designed to engage and support students through the process of researching, completing and reporting on a group project.

The UWE Library workbook and on line assessment with be used to introduce students to researching and referencing using the library facilities.

Groups select one project from a series of mini group projects completed during the course, to write-up as a 2500 word technical report.

Finally, students prepare a group poster presentation on the problem covered in their group report.

The resit assessment will involve a reflection on group work, an individual report and an individual presentation.

First Sit Components	**Final Assessment**	**Element weighting**	**Description**
Presentation - Component A	✓	25 %	Online Group presentation
Report - Component B		65 %	Group project report (2500 words)
Online Assignment - Component B		10 %	Library workbook (online test)
Resit Components	**Final Assessment**	**Element weighting**	**Description**
Presentation - Component A	✓	25 %	Individual online presentation
Report - Component B		55 %	Individual project report (1500 words)
Reflective Piece - Component B		20 %	Group work reflection exercise (300 words)

Part 4: Teaching and Learning Methods

Learning Outcomes

On successful completion of this module students will achieve the following learning outcomes:

Module Learning Outcomes	Reference
Demonstrate effective team working.	MO1
Identify the main issues to be examined and the problems to be solved in the execution of a technical project.	MO2
Demonstrate communication and research skills, use of information sources, technical report writing and presentations.	MO3
Generate data as part of a technical investigation using appropriate computational or experimental techniques.	MO4

Contact Hours

Independent Study Hours:	
Independent study/self-guided study	114
Total Independent Study Hours:	114
Scheduled Learning and Teaching Hours:	
Face-to-face learning	36
Total Scheduled Learning and Teaching Hours:	36
Hours to be allocated	150
Allocated Hours	150

Reading List

The reading list for this module can be accessed via the following link:

https://uwe.rl.talis.com/modules/ufmfhg-15-0.html

Part 5: Contributes Towards

This module contributes towards the following programmes of study:

Mathematics with Qualified Teacher Status (QTS) {Foundation} [Sep][FT][Frenchay][4yrs] BSc (Hons) 2020-21

Aerospace Engineering {Foundation} [Sep][FT][Frenchay][4yrs] BEng (Hons) 2020-21

Aerospace Engineering {Foundation} [Sep][SW][Frenchay][5yrs] BEng (Hons) 2020-21

Aerospace Engineering with Pilot Studies {Foundation} [Sep][FT][Frenchay][4yrs] BEng (Hons) 2020-21

Aerospace Engineering with Pilot Studies {Foundation} [Sep][SW][Frenchay][5yrs] BEng (Hons) 2020-21