MODULE SPECIFICATION

Part 1: Information			
Module Title	Strategic Analysis of Technical Operations		
Module Code	UFMF78-15-M	Level	Level 7
For implementation from	2019-20		
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: Business models;

strategy-driven operations;

Business environment - industry, market and customer;

Operational and business change;

Business improvement

Teaching and Learning Methods: Teaching and learning will be conducted via interactive workshops, lecturing, and case studies. Further e-learning material will be provided to support both taught and distance and work-based learning.

Scheduled learning includes lectures, seminars, tutorials, project supervision, demonstration, practical classes and workshops; fieldwork; external visits; work based learning; supervised time in studio/workshop.

Independent learning includes hours engaged with essential reading, case study preparation, assignment preparation and completion etc. Scheduled sessions may vary slightly depending on the module choices you make.

Placement learning: may include a practice placement, other placement, year abroad.

Contact Hours: Combination of lectures and workshops resulting in a total of 36 contact hours

Part 3: Assessment

The assessment for this module involves a real-world case study where students are asked to understand the strategic operational challenge. Students are expected to work in groups to analyse the case and present a solution. The group presentation is used to facilitate collaborative learning. Following the presentation students will be provided with feedback to support the writing of an individual technical business operation report of 3000 words in length. A transparent published method is in place for identifying students' contribution to group work. This peer assessed process is moderated by the module leader. The referred assignment will involve a reworking of the original written task (component B) based on the feedback received from the initial submission. The length of the report is 3000 words. The referred presentation will differ from the first presentation in that it will take place after the submission of the technical report. It will be based on presenting the operational challenge and suggested outcome in their written report.

First Sit Components	**Final Assessment**	**Element weighting**	**Description**
Report - Component B	✓	75 %	Individual report (3000 words)
Presentation - Component A		25 %	Group presentation (15 mins)
Resit Components	**Final Assessment**	**Element weighting**	**Description**
Report - Component B	✓	75 %	Individual report (3000 words)
Presentation - Component A		25 %	Individual presentation (15 minutes)

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 detailed knowledge of the technical operations of an organisation from a business perspective. (Component A&B)	MO1
Demonstrate strategic management thinking and decision-making. (Component A&B)	MO2
Identify and analyse a diverse range of issues that affect the technical operations environment. (Component A&B)	MO3
Apply theories and techniques of change that can be applied to organisations to improve strategic business operations and achieve sustainable success. (Component A&B)	MO4
Critically evaluate the impact of change on a given organisation with engineering operations. (Component A&B)	MO5

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/UFMF78-15-M.html	

Part 5: Contributes Towards
This module contributes towards the following programmes of study: Engineering Business Management [Sep][PT][Frenchay][2yrs] MSc 2019-20 Engineering Competence [Jan][PT][FR][2yrs] PGDip 2018-19