



## MODULE DESCRIPTION FORM

DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

### ME515 FINANCE FOR MECHANICAL ENGINEERS

Module Registrar: Prof D H Nash <a href="mailto:d.nash@strath.ac.uk">d.nash@strath.ac.uk</a>	Taught To (Course): Cohorts for whom class is compulsory	
Other Lecturers Involved:	Credit Weighting: 60	Semester: 1&2
Compulsory class (for MEng Mech Eng with Financial Management degree only)	Academic Level: 5	Suitable for Exchange: N

#### Required prerequisites

**Note:** It is the responsibility of ALL students to ensure that they satisfy the prerequisite knowledge for this module BEFORE adding as part of curriculum selection. If unsure, please contact the Module Registrar or discuss with your Programme/Year Adviser of Studies.

To undertake this module, students must be on the **MEng Mech Eng with Financial Management** degree programme and therefore have previously studied AG151 Introduction to Finance and Accounting.

The prerequisites for the three 20 credit accountancy and finance modules chosen by the student will be associated with each of the three modules.

For the dissertation, mechanical engineering knowledge, technical report writing skills and knowledge of finance and accounting methods are required.

#### Module Format and Delivery (HOURS i.e. 1 credit = 10hrs of study):

- Students undertake three Accounting and Finance modules (60 credits) over both semesters. Delivery will depend on chosen modules.

Lecture	Tutorial	Laboratory	Groupwork	External	Online	Project	Assignments	Private Study	Total

#### Educational Aim

This module aims to give a broad understanding of accounting and finance and an appreciation of the role of these disciplines in an engineering context.

#### Learning Outcomes

On completion of the module the student is expected to be able to:

LO1 have an understanding of the financial and accounting methods relevant to the funding and management of engineering projects and companies;

LO2 appreciate the importance of financial and economic considerations within the engineering industry;

LO3 apply financial and accounting methods to mechanical engineering.

#### Syllabus

Finance and accounting classes will be selected from a range of modules as agreed by the Department of Finance and Accounting and the MAE Module Registrar & 5<sup>th</sup> Year Adviser of Studies.

Syllabus for the ME515 module will depend on the chosen classes.

## Assessment of Learning Outcomes

### Criteria

For each of the Module Learning Outcomes the following criteria will be used to make judgements on student learning:

#### LO1 & LO2

The learning outcomes and assessment criteria for the course will be based on the outcomes for each constituent module selected from the Department of Accounting and Finance.

#### LO3

C1 The student will demonstrate their understanding of finance and accounting practices, with relevance to the mechanical engineering industry, through research of and reporting on an agreed mechanical engineering topic.

The standards set for each criterion per Module Learning Outcome to achieve a pass grade are indicated on the assessment sheet for all assessment.

### Principles of Assessment and Feedback

(within Assessment and Feedback Policy at: <https://www.strath.ac.uk/professionalservices/staff/policies/academic/>)

Students are encouraged to develop self-assessment and reflection in learning

During the preparation of the dissertation, students should make some judgement about their own work before submission (e.g. its strengths, whether they have met certain criteria).

Students can arrange individual meetings with the registrar for informal feedback on their progress as necessary during Semester 2.

Feedback on the dissertation will be given through an online Myplace marking guide.

### Assessment Method(s) Including Percentage Breakdown and Duration of Exams (*individual weightings*)

Examination				Coursework		Practical		Project	
Number	Month(s)	Duration	<i>Weighting</i>	Number	<i>Weighting</i>	Number	<i>Weighting</i>	Number	<i>Weighting</i>
								1	20%
*				*		*		*LO1, LO2 & LO3	

\* **LOs:** Indicate which Learning Outcomes (LO1, LO2, etc) are to be assessed by exam/coursework/practical/project as required.

### Coursework / Submission deadlines (*academic weeks*):

Each student must submit a dissertation through Myplace by the end of week 11 semester 2.

The details of the dissertation will be discussed with the Class Registrar at the beginning of semester 2.

### Resit Assessment Procedures:

Appropriate Accounting & Finance resit examination(s) in August diet and /or resubmission of dissertation<sup>^^</sup> prior to commencement of the August exam diet.

**^^Students must contact the module Registrar for resit details as soon as they know that they are required to resit this class.**

### PLEASE NOTE:

To qualify for the award of the credits for this class, students must obtain an average mark of 50% in 60 credits taken in the Department of Accounting and Finance, chosen with the approval of the Adviser of Studies. A mark of not less than 40% must be achieved for each module.

The assessment will be appropriate to each chosen Accounting & Finance module, with a credit weighted average of these modules to account for 80% of the overall mark.

Each student must obtain a mark of 50% for the dissertation. Dissertation submission will account for 20% of overall mark.

Students who fail the module at the first attempt will be re-examined during the August diet. This re-examination will consist of appropriate Accounting and Finance module resit exams and/or resubmission of the dissertation.

## Recommended Reading

To be advised by Department of Accounting & Finance for their modules.

## Additional Student Feedback

*(Please specify details of when additional feedback will be provided)*

Date	Time	Room No
		Check Myplace for details.

Session: 2023/24

## Approved:

**Course Director Signature: S Connolly (on behalf of E Henderson)**

**Date of Last Modifications: 28/08/2023**

(Updated August 2023)

## MODULE TIMETABLE

Module Code:

**ME515**

Module Title:

**FINANCE FOR MECHANICAL ENGINEERS**

### Brief Description of Assessment:

Examinations / Coursework Assignments as required by the selected modules from the Dept of Finance and Accounting (60 credits of classes – 80% of mark for ME515).

Credit weighted average of >50% required and no lower than 40% in a particular class.

Dissertation to be submitted by week 11 of semester 2 (20% of overall mark).

A mark of at least 50% in the dissertation is required.

### Assessment Timing

**Please note: Timings can and will change, this should only be used as a guide.**

Semester One	W&D Wk	WK1	WK2	WK3	WK4	WK5	WK6	WK7	WK8	WK9	WK10	WK11	Exam Period
	Choose an item. Choose an item.												

Semester Two	C&D Wk	WK1	WK2	WK3	WK4	WK5	WK6	WK7	WK8	WK9	WK10	WK11	Exam Period
	Project Set	Choose an item. Choose an item.	Project Submission										