**Module Description Form**

**ME515 Finance for Mechanical Engineers**

| Module Registrar: Dr Ian Taylor  
ian.taylor@strath.ac.uk | Taught To (Course): Compulsory for 5th year “with Financial Management” students. Not available to any other cohorts of students. |
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Other Lecturers Involved:</td>
<td>Credit Weighting: 60</td>
</tr>
<tr>
<td></td>
<td>Semester: 1 and 2</td>
</tr>
<tr>
<td>Assumed Prerequisites: AG151 Introduction to Finance and Accounting. Registration for class requires approval of the MAE Director of Studies.</td>
<td>Compulsory/optional/elective class Not available as an elective or optional class</td>
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<tr>
<td></td>
<td>Academic Level: 5</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Lecture</th>
<th>Tutorial</th>
<th>Laboratory</th>
<th>Groupwork</th>
<th>External</th>
<th>Online</th>
<th>Project</th>
<th>Assignments</th>
<th>Private Study</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>96</td>
<td>48</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>36</td>
<td>180</td>
<td>360</td>
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</tbody>
</table>

### 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

### Syllabus

The module will teach the following:

- Finance and accounting classes will be selected from a range of modules as agreed by the Department of Finance and Accounting and the MAE UG course director.

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.
  - Additionally, a dissertation is required in which the student is required to demonstrate their understanding of finance and accounting practices with relevance to the engineering industry.

The standards set for each criterion per Module Learning Outcome to achieve a pass grade are indicated on the assessment sheet for all assessment.
12 Principles of Assessment and Feedback
(on Learning & Teaching web pages: www.strath.ac.uk/learnteach/informationforstaff/staff/assessfeedback/12principles/)

Please state briefly how these are incorporated in this module.

Incorporation of the 12 principles will be based on those detailed for each constituent module selected from the Department of Accounting and Finance.

Principle 7: Facilitate the development of self-assessment and reflection in learning
During the preparation of the dissertation, students will be asked to make some judgement about their own work before an assignment submission (e.g. its strengths, whether they have met certain criteria)

Assessment Method(s) Including Percentage Breakdown and Duration of Exams

<table>
<thead>
<tr>
<th>L/Outcomes</th>
<th>Examinations</th>
<th>Courseworks</th>
<th>Projects</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number</td>
<td>Month(s)</td>
<td>Duration</td>
</tr>
<tr>
<td>LO1 &amp; LO2</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Indicate which learning outcomes (LO1, LO2 etc) are to be assessed by exam/coursework/project as required.

Coursework / Submissions deadlines:
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 element.

In addition to the above requirement, each student must submit a dissertation to the Class Registrar by 30 April. The details of the dissertation will be discussed with the Class Registrar at the beginning of the 2nd semester.

The assessment is appropriate to each chosen class, with a credit weighted average to account for 80% of overall mark.

Dissertation submission, to account for 20% of overall mark. In addition to obtaining an average mark of 50% in the credits taken in the Department of Accounting and Finance, each student must obtain a mark of 50% for the dissertation.

Resit Assessment Procedures:
Resubmission of relevant coursework(s) prior to commencement of the August exam diet.

PLEASE NOTE:
Students need to gain a summative mark of 50% to pass the module. Students who fail the module at the first attempt will be re-examined during the August diet. This re-examination will consist entirely of coursework.

Recommended Reading

***Purchase essential  ****Purchase recommended  **Highly recommended reading
*Simply for reference (do NOT purchase)

To be advised by Department of Accounting and Finance.

Additional Student Feedback
(Please specify details of when additional feedback will be provided)

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Room No</th>
</tr>
</thead>
</table>

Session: 2014/15

Approved:

Course Director Signature: Prof J Boyle

Date of Last Modifications: 28 August 2014
**MODULE TIMETABLE**

**Module Code:** ME515  
**Module Title:** FINANCE FOR MECHANICAL ENGINEERS

**Brief Description of Assessment:**
Examinations / Courseworks as required by the selected modules from 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 30 April (20% of overall mark).
A mark of at least 50% in the dissertation is required.

**Assessment Timing:**
Indicate on the table below the start/submission dates for each assignment/project and the timing of each exam/assessment(s).

<table>
<thead>
<tr>
<th>Semester One</th>
<th>WK1</th>
<th>WK2</th>
<th>WK3</th>
<th>WK4</th>
<th>WK5</th>
<th>WK6</th>
<th>WK7</th>
<th>WK8</th>
<th>WK9</th>
<th>WK10</th>
<th>WK11</th>
<th>WK12</th>
<th>Exam Period</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Semester Two</th>
<th>WK1</th>
<th>WK2</th>
<th>WK3</th>
<th>WK4</th>
<th>WK5</th>
<th>WK6</th>
<th>WK7</th>
<th>WK8</th>
<th>WK9</th>
<th>WK10</th>
<th>WK11</th>
<th>WK12</th>
<th>Exam Period</th>
</tr>
</thead>
</table>

Dissertation submission