MODULE DESCRIPTION FORM

16298 PROJECT – 2ND YEAR ELECTIVE

<table>
<thead>
<tr>
<th>Module Registrar: Dr R Hamilton</th>
<th>Taught To (Course): Cohorts for whom class is elective</th>
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</thead>
<tbody>
<tr>
<td><a href="mailto:r.hamilton@strath.ac.uk">r.hamilton@strath.ac.uk</a></td>
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<tr>
<td>Other Lecturers Involved: none</td>
<td>Credit Weighting: 10 (ECTS 5)</td>
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<td>Assumed Prerequisites: none</td>
<td>Semester: 1 and 2</td>
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Elective class Academic Level: 2

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>
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<td>100</td>
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Educational Aim

The project elective is designed to make students aware of report writing exercises and also to familiarise them with the variety of research carried out within the Department.

Learning Outcomes

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

LO1 Work competently and confidently with students in upper years.
LO2 have experience of project management
LO3 be able to clearly summarise project work with a summary report.
LO4 Clearly state project objectives and extent of required work.

Syllabus

Not applicable

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 This is an elective class aimed at bringing 2nd year students into direct contact with the work of those in the 4th year who are undertaking a major project as part of the requirements for the undergraduate degrees awarded in the Department of Mechanical Engineering. The work of the elective project may be associated with various aspects of the research of the Department. Students will demonstrate ability to work closely with 4th year students, making a contribution to the project and being able to discuss the work being undertaken.

LO2 The 2nd year students will be attached to students in their 4th year. It will give them experience of project management and the work which they undertake will be supervised by senior students under the overall guidance of academic staff. The work will depend to a large extent on the nature of individual projects offered in the 4th year and to that extent may be quite variable. In general, it may be expected to include aspects of both theoretical and experimental activity. As such, it should be of direct benefit to both the 2nd year student and the 4th year student who will be immediately responsible for the allocation and detailed supervision of the work. Any work undertaken will be acknowledged in the 4th year student's project report.

LO3 The elective carries equal weight with other classes and as such should represent approximately 100 hours of work including the production of a report. This report will be a full record of the work undertaken and conform to guidelines appropriate to such an exercise. The total length of the report (produced in the same format laid down for 4th year submissions) should not exceed 40 pages including tables, graphs, photographs and other diagrammatic material relevant to the work undertaken. Depending on the nature of the activity involved, the text content would normally be expected to extend to not more than 20 pages unless literature reviews/surveys are involved.

LO4 It is important that the objectives and extent of the work be clearly agreed from the outset between the collaborating students and the member of staff with overall responsibility for supervision. The 4th year student will
retain responsibility for the supervision of the second year student to ensure that the dissertation is submitted immediately following the Easter recess and will be required to keep the member of staff informed of progress.

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/)

Students should note that regular meetings with their project supervisor will provide individual on-going formative feedback throughout the project, and they should make effective use of these meetings and keep up to date notes in the project logbook.

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

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<tr>
<th>L/Outcomes</th>
<th>Examinations</th>
<th>Courseworks</th>
<th>Projects</th>
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<tbody>
<tr>
<td></td>
<td>Number</td>
<td>Month(s)</td>
<td>Duration</td>
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Indicate which learning outcomes (L01, L02 etc) are to be assessed by exam/coursework/project as required.

Coursework / Submissions deadlines:

Resit Assessment Procedures:
Re-submission of dissertation prior to the commencement of the August examination diet.

PLEASE NOTE:
Students need to gain a summative mark of 40% 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

None

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

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Session: 2014/15

Approved:

Course Director Signature:

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

**Module Code:** 16298  
**Module Title:** PROJECT – 2ND YEAR ELECTIVE

**Brief Description of Assessment:**

Thesis submission and assessment

**Assessment Timing:-**

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

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<th>WK2</th>
<th>WK3</th>
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<th>WK6</th>
<th>WK7</th>
<th>WK8</th>
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<th>WK11</th>
<th>WK12</th>
<th>Exam Period</th>
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Thesis sub