MODULE DESCRIPTION FORM

16030 INDUSTRIAL STUDY

Module Registrar: Prof J T Boyle
jim.boyle@strath.ac.uk

Taught To (Course): Cohorts for whom class is compulsory / optional / elective

Other Lecturers Involved:

Credit Weighting: 30 (ECTS 15)

Semester: Any

Assumed Prerequisites:

Elective class

Academic Level: 4

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></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>300</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>300</td>
</tr>
</tbody>
</table>

Educational Aim

This module aims to encourage students to obtain maximum long-term benefit from a period of monitored industrial experience (normally occupying at least one summer vacation period or equivalent). This may be achieved by ensuring that the experience is planned in advance and properly structured, that regular reviews are carried out by the industrial supervisor(s) and the whole experience and outcomes are documented in an appropriate manner. In addition to any technical report which may be required by the company, it is important for the purposes of this module that the student reflects on the learning experience and records the outcome of that reflection.

Learning Outcomes

Completion of the module is expected to:

LO1 encourage reflection on periods of industrial experience undertaken

LO2 provide practice in written communication

LO3 encourage planned, structured and monitored industrial experience

Syllabus

The module will teach the following:

The dissertation, on which the assessment will be based, can follow a variety of formats. It should, however, provide a clear overview of the experience which includes coverage of the following aspects – the background of the company or other sponsor, where they are located, what they do and why; the nature of the project undertaken and how that relates to the business of the sponsor; what the student did in outline, discussion of the interaction of the student with others in the company or elsewhere while employed on the project and what was learned. If an extensive report has already been compiled for the industrial sponsors, this should be included in the dissertation but it should be properly introduced and referenced in the overview. Brochures or other descriptive material may be included in an appendix. As regards confidentiality of information, it is reasonable to exclude commercially sensitive data, but there should be sufficient description to permit proper assessment of the achievements on the project. The reports will not be released beyond a (usually) single academic assessor and will be returned to the authors after the Examination Board at which academic credit is awarded for the module.

The module is awarded 30 credits uniquely and therefore the dissertation should represent the equivalent of 30 credits of academic study or project effort (about 300 hours work). This might of course include time already spent completing a report for a sponsor.
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
C1  Student will show evidence of reflection on industrial experience in dissertation.

LO2
C1  Student will provide evidence of reports provided for Industrial sponsors, where appropriate
C2  Thesis will be used to provide evidence of written skills of student.

LO3
C1  As part of the thesis, the student will reflect on project planning and of discussions with industrial sponsors relating to the project

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.

Principle 7: Students preparing the thesis and reflecting on their industrial experience directly involves the student in monitoring and regulating their own learning. The construction of a thesis or portfolio on the industrial sponsor requires students to reflect on their achievements and self-assess and select work that meets defined standards.

Feedback will be provided to students as they prepare their thesis, providing guidelines of how the document can be redrafted to include all the necessary aspects of the reflection on the industrial experience.

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

<table>
<thead>
<tr>
<th>Examinations</th>
<th>Courseworks</th>
<th>Projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number</td>
<td>Month(s)</td>
<td>Duration</td>
</tr>
<tr>
<td>LO1, LO2, LO3</td>
<td>1</td>
<td>100%</td>
</tr>
</tbody>
</table>

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

Coursework / Submissions deadlines:
Thesis submitted by end of week 10 in semester 2.

Resit Assessment Procedures:
Resubmission of a revised thesis prior to commencement of the August exam 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

****Purchase essential  ***Purchase recommended  **Highly recommended reading
*Simply for reference (do NOT purchase)
**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: [Signature]

Date of Last Modifications: 27 August 2014
**Module Code:** 16030  
**Module Title:** Industrial Study

**Brief Description of Assessment:**  
Thesis – End of week 10 sem 2

**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</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>
<tbody>
<tr>
<td>One</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Two</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Thesis</td>
<td></td>
<td></td>
<td>Exam Period</td>
</tr>
</tbody>
</table>

Thesis submission