## Module Description Form

### 16288  PROFESSIONAL STUDIES

<table>
<thead>
<tr>
<th>Module Registrar: Prof JT Boyle</th>
<th>Taught To (Course): Cohorts for whom class is compulsory / optional / elective</th>
</tr>
</thead>
<tbody>
<tr>
<td><a href="mailto:jim.boyle@strath.ac.uk">jim.boyle@strath.ac.uk</a></td>
<td></td>
</tr>
<tr>
<td>Other Lecturers Involved: Guests</td>
<td>Credit Weighting: 10 (ECTS 5)</td>
</tr>
<tr>
<td>Assumed Prerequisites: none</td>
<td>Semester: 2</td>
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<tr>
<td></td>
<td>Compulsory class</td>
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</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>10</td>
<td></td>
<td>30</td>
<td>20</td>
<td>10</td>
<td>30</td>
<td>10</td>
<td>30</td>
<td>100</td>
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### Educational Aim

The aim of this class is to create awareness of and develop some of the skills expected in graduate professional engineers. These include development of communication skills (both oral and written), but also issues such as ethics, societal impact and future trends.

### Learning Outcomes

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

- **LO1** Awareness of the personal skills which need to be developed by a professional, accredited engineer
- **LO2** Further development of group working skills in a new environment
- **LO3** Awareness of the role of the engineer in society

### Syllabus

The module will teach the following:

- Communication skills: written and oral.
- Group working skills.
- Professional conduct, ethics and the legal aspects of professional responsibility.
- Self-presentation, the standard application form and the CV.
- Introduction to psychometric testing criteria and interpretation.
- Engineering ethics.
- Societal and contemporary issues.

### 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 Demonstrate understanding of necessary personal skills through a self-assessment and preparation of a curriculum-vitae, identifying areas where skills are well developed or require more training.
  - C2 Highlight key skills required for an engineer by preparation of a professional development plan, focusing on areas that require development.

- **LO2 & LO3**
  - C1 Demonstrate ability and progress in group work through successful submission of group report on a topic involving all aspects of the engineer in society
  - C2 From discussions in group, be able to identify areas of strengths and weakness for peers and through whole group self-assessment
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 must produce a self-assessment, curriculum-vitae and professional development plan. All students can ask for feedback on this, however directed feedback is only given to those students who do not meet the guidelines specified.

The major task of the class is to produce a group report (over two months) on a current topic of current societal interest (for example, energy supplies, the role of nuclear power etc.). The group report is assessed anonymously by another group and then the tutor assesses the performance of the evaluating group according to rigorous guidelines (specified beforehand). Each original group can see the assessment by their peer group as feedback, and request additional information as required.

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

<table>
<thead>
<tr>
<th>Examinations</th>
<th>Courseworks</th>
<th>Projects</th>
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<tbody>
<tr>
<td>Number</td>
<td>Month(s)</td>
<td>Duration</td>
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<tr>
<td>2</td>
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Coursework / Submissions deadlines:
Semester2 week 7 or 8, week 10 & week 12

Resit Assessment Procedures: Resubmission prior to the commencement of the August Examination diet (students requiring a resit must contact the class registrar to arrange submission of additional reports).

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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<tr>
<th>Date</th>
<th>Time</th>
<th>Room No</th>
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Session: 2014/15

Approved:

Course Director Signature:  

Date of Last Modifications: 26 August 2014
 MODULE TIMETABLE

Module Code:  16288  Module Title:  Professional Studies

Brief Description of Assessments:

Assignment 1: Individual report on self-evaluation, curriculum-vitae and personal professional plan (A1)
Assignment 2: Group report on a contemporary topic in engineering (A2)

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 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>
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A1 Start | A2 Start | A1 End | | | | | | | | | A2 End |