



## MODULE DESCRIPTION FORM

### DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

### 16298 PROJECT – 2<sup>ND</sup> YEAR ELECTIVE

Module Registrar: Dr A Riccardi <a href="mailto:annalisa.riccardi@strath.ac.uk">annalisa.riccardi@strath.ac.uk</a>	Taught To (Course): Cohorts for whom class is elective	
Other Lecturers Involved:	Credit Weighting: 10 (ECTS 5)	Semester: 1 and 2
Elective class	Academic Level: 2	Suitable for Exchange: N

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

Lecture	Tutorial	Laboratory	Groupwork	External	Online	Project	Assignments	Private Study	Total
			20			80			100

#### Educational Aim

The project elective is designed to make students aware of report writing exercises and 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 upper years who are undertaking a Vertical Integrated Project. 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 upper years students, making a contribution to the VIP and being able to discuss the work being undertaken.

LO2 The 2nd year students will be attached to a group of upper years students (3<sup>rd</sup> to 5<sup>th</sup> years). 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 VIP offered by the supervisor 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 upper year students.

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 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. Upper year students will guide 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.

### Principles of Assessment and Feedback

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

Students should note that regular meetings with their project supervisor and their VIP group, will provide 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 (*individual weightings*)

Examination				Coursework		Practical		Project	
Number	Month(s)	Duration	Weighting	Number	Weighting	Number	Weighting	Number	Weighting
								1	100%
*				*		*		All	

\* **L/Os:** Indicate which Learning Outcomes (L01, L02, etc) are to be assessed by exam/coursework/practical/project as required.

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

Project report to be submitted by the end of week 11, semester 2.

### Resit Assessment Procedures:

Re-submission of project report prior to the commencement of the August examination diet

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

### PLEASE NOTE:

Students must gain a summative mark of 40% to pass the module. Students who fail the module at the first attempt will be re-assessed before the August diet. This re-assessment will consist entirely of a project report. No marks from any previous attempts will be transferred to a new resit attempt.

### Recommended Reading

\*\*\*Purchase recommended    \*\*Highly recommended reading    \*For reference  
None

### Additional Student Feedback

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

Date	Time	Room No
		Check timetable webpages for details

Session: 2023/24

### Approved:

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

Date of Last Modifications: 25/08/2023

## MODULE TIMETABLE

Module Code:

16298

Module Title:

PROJECT – 2<sup>ND</sup> YEAR ELECTIVE

### Brief Description of Assessment:

Project report to be submitted by end of week 11 of semester 2.  
It will be assessed by 2 markers independently.

### Assessment Timing

Indicated on the table below are the start/submission dates for each assignment/project and the timing of each exam/assessment.  
Dropdowns may be left blank. Add extra notes below the dropdowns where relevant.

**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.	Choose an item. Choose an item.	Choose an item. Choose an item.	Choose an item. Choose an item.	Choose an item. Choose an item.	Choose an item. Choose an item.	Choose an item. Choose an item.	Choose an item. Choose an item.	Choose an item. Choose an item.	Choose an item. Choose an item.	Choose an item. Choose an item.	Choose an item. Choose an item.	Choose an item.

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