

Liverpool John Moores University

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Title: Advanced Research and Communication Skills
Status: Definitive
Code: **6034MAR** (124823)
Version Start Date: 01-08-2020

Owning School/Faculty: Engineering
Teaching School/Faculty: Engineering

Team	Leader
Robyn Pyne	Y

Academic Level: FHEQ6 **Credit Value:** 24 **Total Delivered Hours:** 48
Total Learning Hours: 240 **Private Study:** 192

Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	36
Tutorial	12

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	AS1	Project proposal	25	
Presentation	AS2	Presentation	25	
Report	AS3	1000 word report on data	25	
Report	AS4	1000 word report on ethics	25	

Aims

To develop the ability to plan and deliver a final year project and to develop the professional and intellectual skills required to research and communicate ideas effectively to both academic and professional audiences.

Learning Outcomes

After completing the module the student should be able to:

- 1 Develop a coherent proposal for a final year project in a subject relevant to their subject discipline, with appropriate reference to existing research and project planning techniques
- 2 Communicate project ideas using presentation and respond effectively to questions
- 3 Critically appraise a range of methodologies, data gathering and analytical techniques
- 4 Demonstrate comprehensive understanding of the ethical and safety implications of undertaking a project

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

Project proposal	1
Presentation	2
Report on data	3
Report on ethics	4

Outline Syllabus

Developing a project proposal. Literature searches and review. Formulation of aims and objectives. Project planning. Gantt Charts and time management. Presentation skills in the academic environment. Interview techniques. Qualitative and quantitative data collection. Research methodologies, Analytical methods and applications. Ethical and safety awareness. Academic honesty and the avoidance of plagiarism. Formatting of written reports. Dissertation structure and layout. Harvard referencing.

Learning Activities

A programme of lectures and interactive tutorial exercise.

Notes

This module is intended to develop the high level of written and oral communication skills needed by commercial maritime professionals. It also supports students in their final year project work. The module begins with an intensive period of study culminating in the preparation of a project proposal and its presentation to an audience from academic and industry sectors. Thereafter, the module runs in parallel

with the project and provides support at key stages during the preparation of the dissertation.