

## Liverpool John Moores University

Title: INTEGRATING PROJECT  
Status: Definitive  
Code: **4031ENG** (116920)  
Version Start Date: 01-08-2016

Owning School/Faculty: Electronics and Electrical Engineering  
Teaching School/Faculty: Electronics and Electrical Engineering

Team	Leader
Ronan McMahon	Y
Mahamoud Ahmed	

**Academic Level:** FHEQ4      **Credit Value:** 20      **Total Delivered Hours:** 36  
**Total Learning Hours:** 200      **Private Study:** 164

### Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	12
Practical	24

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	Rpt		10	
Report	Rpt		40	
Practice	Prac		40	
Presentation	Pres		10	

### Aims

*To develop the student's ability to work in a team through the successful execution of a group activity.*

## Learning Outcomes

After completing the module the student should be able to:

- 1 Plan and organize the execution of a group design project
- 2 Identify, discuss and apply appropriate and relevant engineering knowledge
- 3 Achieve a reliable and robust solution
- 4 Communicate technical information using written, oral and visual techniques

## Learning Outcomes of Assessments

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

Report	1
Report	2
Practical	3
Presentation	4

## Outline Syllabus

*Information gathering and analysis.*

*Project analysis and design*

*Project planning*

*Time management including Gantt charts*

*Presenting body of the work using oral and written methods.*

*Teamwork through practical project.*

## Learning Activities

Seminars and practical laboratory based work.

## Notes

The module will develop student's team-working and technical skills. Each group will be allocated a project to be executed during the allocated laboratory periods