

## Liverpool John Moores University

Title: GROUP PROJECT  
Status: Definitive  
Code: **5020TECH** (105421)  
Version Start Date: 01-08-2011

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

Team	Leader
Mahamoud Ahmed	Y

**Academic Level:** FHEQ5  
**Credit Value:** 12.00  
**Total Delivered Hours:** 72.00  
**Total Learning Hours:** 120  
**Private Study:** 48

### Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	12.000
Practical	60.000

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	AS1	Proposal and project plan (group assessed)	10.0	
Essay	AS2	Final Project report (group assessed)	30.0	
Essay	AS3	Practical work (individually assessed)	30.0	
Essay	AS4	Oral Presentation (individually assessed)	30.0	

### Aims

*To develop the students ability to work in a team through the open ended nature of design.*

## 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 and apply appropriate and relevant engineering knowledge
- 3 Achieve a reliable and robust design
- 4 Communicate technical information using written, oral and visual techniques
- 5 Work effectively as part of a team

## Learning Outcomes of Assessments

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

CW	1	4	5	
CW	2	3	4	5
CW	2	3	4	5
CW	4	5		

## 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.

## References

<b>Course Material</b>	Book
<b>Author</b>	M.Doel and C. Sawdon
<b>Publishing Year</b>	1999
<b>Title</b>	The Essential Group worker
<b>Subtitle</b>	
<b>Edition</b>	
<b>Publisher</b>	
<b>ISBN</b>	1-85302-8231

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<b>Course Material</b>	Book
<b>Author</b>	J.F.Benson
<b>Publishing Year</b>	2001
<b>Title</b>	Working Creatively with Groups
<b>Subtitle</b>	
<b>Edition</b>	
<b>Publisher</b>	
<b>ISBN</b>	0-415-23038

<b>Course Material</b>	Book
<b>Author</b>	R.Maggio
<b>Publishing Year</b>	2005
<b>Title</b>	The art of talking to anyone: Essential people skills
<b>Subtitle</b>	
<b>Edition</b>	
<b>Publisher</b>	
<b>ISBN</b>	0-07-145229-X

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### Notes

To develop the students ability to work in a team through the open ended nature of design.