

## Liverpool John Moores University

Title: CLINICAL APPLICATION OF 12 LEAD ECGS  
Status: Definitive  
Code: **6008CTPQHC** (106802)  
Version Start Date: 01-08-2014

Owning School/Faculty: Nursing and Allied Health  
Teaching School/Faculty: Nursing and Allied Health

Team	Leader
Susan Baker	Y
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**Academic Level:** FHEQ6      **Credit Value:** 5.00      **Total Delivered Hours:** 50.00  
**Total Learning Hours:** 50      **Private Study:** 0

### Delivery Options

Course typically offered: Runs Twice - S1 & S2

Component	Contact Hours
Lecture	2.000
Online	39.000
Seminar	1.000
Tutorial	1.000
Workshop	6.000

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS1	OSCE 1 hour	50.0	1.00
Report	AS2	Practice competency based on client case study	50.0	

### Aims

*Expose the student to a systematic process for ECG interpretation*

## Learning Outcomes

After completing the module the student should be able to:

- 1 Interprets ECG utilizing a systematic process to assist in accurate diagnosis
- 2 Critically appraise diagnostic information to plan effective health interventions

## Learning Outcomes of Assessments

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

EXAM	1
Practice Competency	2

## Outline Syllabus

*Tutorial, lecture and workshop on ECG Interpretation following a systematic assessment process,  
Myocardial infarction and ischaemia,  
Basic Pacing,  
Electrolyte imbalances and altered body states*

## Learning Activities

Lecture  
Tutorials  
Group Work (workshop)

## References

<b>Course Material</b>	Book
<b>Author</b>	Springhouse (Author)
<b>Publishing Year</b>	2007
<b>Title</b>	ECG Interpretation made Incredibly Easy!
<b>Subtitle</b>	
<b>Edition</b>	
<b>Publisher</b>	Springhouse
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	Garcia, Tomas B., Holtz, Neil E.,
<b>Publishing Year</b>	2002
<b>Title</b>	'Introduction to 12-Lead ECG: The Art of Interpretation
<b>Subtitle</b>	

<b>Edition</b>	
<b>Publisher</b>	Jones & Bartley
<b>ISBN</b>	

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## Notes

Students will be exposed to a simulated practice activity to support their learning in relation to the specified workforce competencies and NOS which are derived from skills for health, and the module learning outcomes. For those students, the practice related competencies will be assessed through Objective Structured Clinical Examinations. Students will also undertake self evaluation reports of their competence before and after the simulation exercise. This promotes student self-reflection, self-assessment and provides some evidence of the effectiveness of the competence development