

## Liverpool John Moores University

Title: CLINICAL DIAGNOSTICS  
Status: Definitive  
Code: **70042MCADV** (124611)  
Version Start Date: 01-08-2021

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

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**Academic Level:** FHEQ7      **Credit Value:** 10      **Total Delivered Hours:** 21

**Total Learning Hours:** 100      **Private Study:** 79

### Delivery Options

Course typically offered: S1 & S2 & Summer

Component	Contact Hours
Lecture	10
Tutorial	10

**Grading Basis:** 50 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS2	Examination based on clinical scenario	100	1

### Aims

*To provide the healthcare practitioner with the underpinning knowledge to interpret physiological and clinical data to inform a suitable referral*

## **Learning Outcomes**

After completing the module the student should be able to:

- 1 Critically analyse models of care prioritisation and triage
- 2 Critically appraise specialist diagnostic tests and their meanings and implications
- 3 Interpret and document reports of physiological data to inform a referral
- 4 Apply knowledge of anatomy and physiology within the process of referral and handover to other healthcare professionals

## **Learning Outcomes of Assessments**

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

exam	1	2	3	4
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## **Outline Syllabus**

*Models of triage and care prioritisation. Multi-professional working and communication. Legal and professional boundaries of practitioners operating in a diagnostic arena. Applied anatomy and physiology of major body systems. Radiographic interpretation. Haematological and biochemical investigation and interpretation. Electrophysiological diagnosis. Haemodynamic waveform analysis. Clinical physics and healthcare technology.*

## **Learning Activities**

Interactive lectures, clinical demonstrations. Clinically directed workbook activities. Group discussion forums. Formative assessment techniques using scenarios and activities

## **Notes**

This is an innovative module using formative assessments using the scenario based approach. This approach lends itself to experienced healthcare professionals and assists in preparing students for their final Examination.

The module learning outcomes and relevant subject benchmark statements are in line with the QAA framework for higher education qualifications in England, Wales and Northern Ireland. The module is aligned to the Level 7 descriptors for a Level 7 Higher Education Qualification.

The module is delivered over one semester. and is offered September ,January and March

The criteria for admission to the module is that candidates are currently working as a registered professional in a relevant area of practice. Ideally candidates will have studied at degree (level 6) however if this is not the case the applicants skills and professional experience will be discussed to allow the module leader to assess capability to study at level 7.

The final award is a Continuing Professional Development – Clinical Diagnostics.

The students have access to a VLE and the University's other range of electronic support such as access to the electronic library facilities. The students also have access to the module leader through phone contact, emails and face to face meetings. A module guide is also provided which guides students to the wider range of support available.

The programme is assessed and run in line with the Academic Framework <https://www.ljmu.ac.uk/about-us/public-information/academic-quality-and-regulations/academic-framework>

Attendance is required throughout the module and will be monitored.

The methods for improving the quality and standards of learning are as follows:

- Continuous Monitoring Evaluation CME
- Feedback from the students and Boards of Study
- Reports from External Examiner
- Ensuring the module reflects the values of the current teaching and learning strategy

This is a stand-alone CPD. An appropriately qualified external examiner will be selected from the team for the MSc Advanced Practice and MSc Advanced Clinical Practitioner.

Programme code 35462  
Module written 2014.  
updated 2021