

### Summary Information

<b>Module Code</b>	70042MCADV
<b>Formal Module Title</b>	Clinical Diagnostics
<b>Owning School</b>	Nursing and Allied Health
<b>Career</b>	Postgraduate Taught
<b>Credits</b>	10
<b>Academic level</b>	FHEQ Level 7
<b>Grading Schema</b>	50

### Module Contacts

#### Module Leader

Contact Name	Applies to all offerings	Offerings
Daniel Cooper	Yes	N/A

#### Module Team Member

Contact Name	Applies to all offerings	Offerings
Joanne Fisher	Yes	N/A
Donal Deehan	Yes	N/A
Janet Williams	Yes	N/A
Susan Baker	Yes	N/A
Sharon Flewitt	Yes	N/A
Cheryl Grimes	Yes	N/A
Rosemary McCarthy	Yes	N/A
Colin Jones	Yes	N/A

#### Partner Module Team

<b>Contact Name</b>	<b>Applies to all offerings</b>	<b>Offerings</b>
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## Teaching Responsibility

<b>LJMU Schools involved in Delivery</b>
Nursing and Allied Health

## Learning Methods

Learning Method Type	Hours
Lecture	10
Tutorial	10

## Module Offering(s)

Offering Code	Location	Start Month	Duration
APR-CTY	CTY	April	12 Weeks
JAN-CTY	CTY	January	12 Weeks
SEP-CTY	CTY	September	12 Weeks

## Aims and Outcomes

<b>Aims</b>	To provide the healthcare practitioner with the underpinning knowledge to interpret physiological and clinical data to inform a suitable referral
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## Learning Outcomes

After completing the module the student should be able to:

Code	Description
MLO1	Critically analyse models of care prioritisation and triage
MLO2	Critically appraise specialist diagnostic tests and their meanings and implications
MLO3	Interpret and document reports of physiological data to inform a referral
MLO4	Apply knowledge of anatomy and physiology within the process of referral and handover to other healthcare professionals

## Module Content

### 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.

### Module Overview

This is an innovative module using formative assessments and the scenario-based approach. This approach lends itself to experienced healthcare professionals and assists in preparing you for your final examination.

### Additional Information

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

## Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Learning Outcome Mapping
Exam	exam	100	1	MLO2, MLO4, MLO3, MLO1