Liverpool John Moores University

Title:	Introduction to Pharmacology
Status:	Definitive
Code:	**4014PARA** (122548)
Version Start Date:	01-08-2020

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

Team	Leader
Denise Dixon	Y

Academic Level:	FHEQ4	**Credit Value:**	20	**Total Delivered Hours:**	60
Total Learning Hours:	200	**Private Study:**	140		

Delivery Options

Course typically offered: Runs Twice - S1 & S2

Component	Contact Hours
Lecture	16
Off Site	40
Tutorial	1

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS1	2 hour unseen examination.	100	3

Aims

To introduce the student to the fundamentals of pharmacology within the context of paramedic practice.

Learning Outcomes

After completing the module the student should be able to:

1   Understand the principles of pharmacology.
2   Identify the ethical and legal considerations relating to medicines management.
3   Apply the correct units of measurement and basic calculations within the clinical sciences.

Learning Outcomes of Assessments

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

Unseen examination   1   2   3

Outline Syllabus

Principles of pharmacology.
Pharmacokinetics.
Pharmacodynamics.
Core drugs.
Patient Group Directions.
Risks associated with pharmaceutical therapy.
Medicines management and legislation.
Ethics and consent in relation to medicine management.

Learning Activities

Lectures, e learning, group work.

Notes

This module provides a theoretical base for the students' development to understand the fundamentals of pharmacology within the context of paramedic practice. The students will be qualified and employed as an Emergency Care Technician 1. An EMT1 can administer a range of medications and they also support EMT2 and paramedics in preparing medications for administration within their scope of practice. The module content will enhance their current experience and scope of practice and prepare them for further developments as they potentially progress.

1. The programme code is 25666 and is approved for a June intake. There is no PSRB requirements. The module learning outcomes are in line with the level 4 descriptors of the Framework for Higher Education Qualifications of UK Degree-Awarding Bodies.

2. The module involves classroom attendance, which is further supported by a range of learning support tools.

3. The criteria for admission to the module require that candidates are currently working within an NHS Trust. Ideally candidates will have a minimum of two years'

experience in the ambulance service as an Emergency Medical Technician 1 and will have completed the ambulance service EMT1 programme.

4. The final award is a Continuing Professional Development – Introduction to Pharmacology, 20 credits at Level 4.

5. The students have access to a Blackboard site and the University's other range of electronic support such as access to the electronic library facilities. The module has continued to develop with an up to date Blackboard site reflecting contemporary reading lists and links to journal articles. The module Blackboard site has also developed and now includes a number of presentations for students to access on areas such as critical writing and library support. The students also have access to the module leader through phone contact, emails and face to face meetings if this is viable. A module guide is also provided, which guides students to the wider range of support available to students.

6. 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

7. Attendance is required on the planned days for the module and engagement of learning material though on line study is essential and will be available through the Blackboard site.

8. Module review 2015 /2016

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

• Annual monitoring Review
• Liaison and feedback from the students
• Reports from External Examiner
• Programme team ensuring the module reflects the values of the current teaching and learning strategy
• Module leader updating knowledge and skills to ensure these remain current and relevant

10. This is a standalone CPD. A specific external examiner is identified for the module. The module is also included in the programme specification for the CertHE Emergency and Urgent Care.