

## Liverpool John Moores University

Title: DEVELOPING PARAMEDIC PRACTICE  
Status: Definitive but changes made  
Code: **5003PPPARA** (106954)  
Version Start Date: 01-08-2014

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

Team	Leader
Paul Jones	Y

**Academic Level:** FHEQ5  
**Credit Value:** 30.00  
**Total Delivered Hours:** 100.00  
**Total Learning Hours:** 300  
**Private Study:** 200

### Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	30.000
Practical	60.000
Seminar	9.000
Tutorial	1.000

**Grading Basis:** Pass/Not Pass

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Practice	AS1	1 Adult OSCE pass/fail 1 Child OSCE pass/fail	100.0	1.00

### Aims

*To develop the student's knowledge and skills further in advanced measures, to that of the registered paramedic.(BPA 9.4; 9.5; 9.7; 9.8; 9.9; 9.10)*

### Learning Outcomes

After completing the module the student should be able to:

- 1 Provide paramedic care commensurate with the professional and legislative frameworks underpinning practice. (HPC 1a1; 1a3; 1a4; 1a5)
- 2 Formulate a working diagnosis from the analysis of assessment findings and previous history. (HPC 1a6; 2a1; 2a2; 2a3; 2a4; 3a1)
- 3 Select and deliver interventions based on the therapeutic needs of the patients. (HPC 1a6; 2a2; 2b4; 3a1; 3a2)
- 4 Evaluate pre-hospital management of major trauma and serious illnesses. (HPC 1b2; 2b2; 2b4; 3a1; 3a2)
- 5 Apply knowledge of anatomy, physiology and pathophysiology to clinical applications in the management of specific trauma and medical emergencies.

### Learning Outcomes of Assessments

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

Practical	1	2	3	4	5
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### Outline Syllabus

- *advanced airway management and life support across the age ranges*
- *infusion*
- *cannulation*
- *drug therapies*
- *anatomy, physiology and pathophysiology of the Respiratory and Cardiovascular systems.*
- *management of major trauma & medical conditions*
- *incident management*
- *team-working.*
- *triage tools*
- *models of assessment*
- *record keeping*
- *informed consent*
- *legal & ethical frameworks*
- *clinical & ethical decision making*

### Learning Activities

Lectures, practical demonstrations and workshops, role play, group work, discussions, reflection, work-based learning, e-learning.

### References

Course Material	Book
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<b>Author</b>	PHTLS
<b>Publishing Year</b>	2007
<b>Title</b>	Pre-Hospital Trauma Life Support
<b>Subtitle</b>	
<b>Edition</b>	6th
<b>Publisher</b>	Mosby
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	ASA
<b>Publishing Year</b>	2006
<b>Title</b>	UK Ambulance Service Clinical Practice Guidelines
<b>Subtitle</b>	
<b>Edition</b>	
<b>Publisher</b>	ASA
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	Caroline, N
<b>Publishing Year</b>	2007
<b>Title</b>	Nancy Caroline's Emergency Care on the Streets
<b>Subtitle</b>	
<b>Edition</b>	6th
<b>Publisher</b>	Jones & Bartlett
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	Hawley, G
<b>Publishing Year</b>	2007
<b>Title</b>	Ethics in Clinical Practice
<b>Subtitle</b>	an inter-professional approach
<b>Edition</b>	
<b>Publisher</b>	Pearson Education
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	Advanced Life Support Group
<b>Publishing Year</b>	2002
<b>Title</b>	MIMMS
<b>Subtitle</b>	the practical approach at scene
<b>Edition</b>	
<b>Publisher</b>	BMJ
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	Resuscitation Council UK
<b>Publishing Year</b>	2005

<b>Title</b>	Advanced Life Support guidelines
<b>Subtitle</b>	Adult and paediatric
<b>Edition</b>	
<b>Publisher</b>	www.resus.org.uk
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	Waugh, A. & Grant, A.
<b>Publishing Year</b>	2006
<b>Title</b>	Ross and Wilson Anatomy and Physiology in Health and Illness
<b>Subtitle</b>	
<b>Edition</b>	10th
<b>Publisher</b>	Churchill Livingstone
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	Martini, F.H.
<b>Publishing Year</b>	2006
<b>Title</b>	Fundamentals of Anatomy and Physiology
<b>Subtitle</b>	
<b>Edition</b>	7th
<b>Publisher</b>	Daryl Fox
<b>ISBN</b>	

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## Notes

This module is designed to help students enhance the skills that they have acquired after completion of the first year of the programme; to enable them to begin the process of working at paramedic level. The module is practice-based to facilitate experiential learning. The student will also be expected to demonstrate practical competency in key paramedic skills in simulated practice environments. Although a practice module; this along with all such modules in the programme will address and challenge the student's underpinning knowledge around altered physiology due to disease and illness, at a level appropriate to their practice and experience.