ACADEMIC SERVICES

MODULE SPECIFICATION

Part 1: Basic Data					
Module Title	Advanced Life Support Skills				
Module Code	UZYSV3-15-2		Level	2	Version	1
Owning Faculty	Health and Applied Sciences		Field	Allied Health Professionals	
Contributes towards	BSc (Hons) Paramedic Science				
UWE Credit Rating	15	ECTS Credit Rating	7.5	Module Type	Standard
Pre-requisites			Co- requisites		
Excluded Combinations			Module Entry requirements		
Valid From	September 2014		Valid to	September 2020	

CAP Approval Date	28/03/2014

Part 2: Learning and Teaching	
Learning Outcomes	On successful completion of this module students will be able to: 1. Recognise and treat the deteriorating critically ill or injured patient using a structured approach (Component A) 2. Treat cardiac and/or respiratory arrest using the adult advanced life support algorithm (Component A) 3. Demonstrate CPR, manual defibrillation and the management of life-threatening dysrhythmias (Component A) 4. Understand procedures to manage post-cardiac arrest syndrome and procedures following the restoration of spontaneous circulation (Component A) 5. Care for the deteriorating patient or patient in cardiac and/or respiratory arrest in special circumstances such as drowning, anaphylaxis and pregnancy (Component A) 6. Lead a team, work as a team member and use structured communication skills including giving an effective handover. (Component A)

Syllabus Outline	• Aetiology of cardiac arrest
	• Anticipating cardiac arrest
	• The airway and ventilation in cardiac arrest
	
	• Advanced Life Support for the Adult
	    o Shockable
	    o Non-shockable
	    o Reversible causes
	• Cardiac Arrest in Special Circumstances
	• Peri-arrest arrhythmias
	• Advanced Life Support for the Child
	• Post cardiac arrest syndrome
	    o ROSC

	o DNAR
Contact Hours	• Students will engage in six, 6-hour interactive lecture and seminar days. Group sizes on the module vary but groups are typically up to 30. • Students are also given access to bespoke, interactive learning resources for the module, containing audios, games and quizzes giving opportunities to develop knowledge and understanding as they progress through the module. In addition, email contact with staff is available throughout the module and during scheduled tutorial time.
Teaching and Learning Methods	**Scheduled learning** includes lectures and seminars, also tutorials. **Independent learning** includes hours engaged with essential reading, reflective, comprehensive interactive online learning materials, revision etc.
Key Information Sets Information	Key Information Sets (KIS) are produced at programme level for all programmes that this module contributes to, this is a requirement set by HESA/HEFCE. KIS are comparable sets of standardised information about undergraduate courses allowing prospective students to compare and contrast between programmes they are interested in applying for.

Key Information Set - Module data

Number of credits for this module	15

Hours to be allocated	Scheduled learning and teaching study hours	Independent study hours	Placement study hours	Allocated Hours	
150	36	114	0	150	✅

The table below indicates as a percentage the total assessment of the module which constitutes a -

Practical Exam: Management of simulated cardiac arrest

Total assessment of the module:	
Written exam assessment percentage	0%
Coursework assessment percentage	0%
Practical exam assessment percentage	100%
	100%

Reading Strategy	**Core readings** Any essential reading will be indicated clearly, along with the method for accessing it, e.g. students may be expected to purchase a set text, be given a study pack or be referred to texts that are available electronically, or in the Library. Module guides will also reflect the range of reading to be carried out. **Further readings** All students are encouraged to read widely using the library catalogue, a variety of bibliographic and full text databases and Internet resources. Many resources can be accessed remotely. Guidance to some key authors and journal titles available through the Library will be given in the Module Guide and updated annually. Assignment reference lists are expected to reflect the range of reading

	carried out.
	Access and skills Students are expected to be able to identify and retrieve appropriate reading. This module offers an opportunity to further develop information skills introduced at Level 1. Students will be given the opportunity to attend sessions on selection of appropriate databases and search skills. Additional support is available through the Library Services web pages, including interactive tutorials on finding books and journals, evaluating information and referencing. Sign-up workshops are also offered by the Library. **Indicative reading list** The following list is offered to provide validation panels/accrediting bodies with an indication of the type and level of information students may be expected to consult. As such, its currency may wane during the life span of the module specification. *Current* advice on additional reading will be available via the module guide or Blackboard pages
Indicative Reading List	• Resuscitation Council UK (2011) *Advanced Life Support* 6th ed. London Resuscitation Council (UK) • Caroline, N. (2013) *Emergency Care in the Streets*. 7th ed. Burlington, MA. Jones and Bartlett Publishing. • Deakin C. et al. (2010) European Council Guidelines for Resuscitation 2010 Section 4. Adult advanced life support. *Resuscitation.* 81(10), pp. 1305-1352. • Deakin C. et al. (2010) European Council Guidelines for Resuscitation 2010 Section 6. Paediatric Life Support. *Resuscitation.* 81(10) pp. 1364-1388. • Fisher, D.F. et al (2013) *UK Ambulance Service Clinical Practice Guidelines*. London: Class Publishing. • Soar, J. Nolan, J. Perkins, G. (2012) *ABC of Resuscitation.* London: BMJ Publishing.

Part 3: Assessment

Assessment Strategy	Summative assessment
	
	    • Component A: Structured oral and practical examination
	
	        Practical assessment of simulated cardiac arrest scenarios Followed by a viva to assess underpinning knowledge
	
	        Rationale: to demonstrate competency in cardiac arrest advanced life support management
	
	Formative assessment will take place through skills supervision and feedback, also tutorial support and reading by a personal tutor of draft work.

Identify final assessment component and element	Component A	

	A:	**B:**
% weighting between components A and B (Standard modules only)	**100%**	

First Sit

Component A (controlled conditions) **Description of each element**	**Element weighting** **(as % of component)**
1. Structured oral and practical examination	100%

Resit (further attendance at taught classes is not required)	
Component A (controlled conditions) **Description of each element**	**Element weighting** (as % of component)
1. Structured oral and practical examination	100%
If a student is permitted an **EXCEPTIONAL RETAKE** of the module the assessment will be that indicated by the Module Description at the time that retake commences.	