



Module Specification

Advanced Life Support Skills

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Contents

Module Specification	1
Part 1: Information	2
Part 2: Description	2
Part 3: Teaching and learning methods	3
Part 4: Assessment.....	5
Part 5: Contributes towards	6

Part 1: Information

Module title: Advanced Life Support Skills

Module code: UZYYTN-30-2

Level: Level 5

For implementation from: 2025-26

UWE credit rating: 30

ECTS credit rating: 15

College: College of Health, Science & Society

School: CHSS School of Health and Social Wellbeing

Partner institutions: None

Field: Allied Health Professions

Module type: Module

Pre-requisites: None

Excluded combinations: None

Co-requisites: None

Continuing professional development: No

Professional, statutory or regulatory body requirements: None

Part 2: Description

Overview: Advance Life support skills are an essential part of the skill set of the contemporary paramedic. This Module is designed to enhance your understanding of Advanced Life Support Skills and enable you to put them into practice.

Features: Not applicable

Educational aims: The aims of this module are to explore the use of advanced life support skills by paramedics to manage a range of peri-arrest and cardiac arrest

presentations. This module will investigate a range of theoretical content to prepare students for the contemporary standards required of a paramedic undertaking advanced life support skills.

Outline syllabus: The syllabus will typically include:

Advanced airway management and ventilation:

Foreign body airway obstruction

Endotracheal intubation

Needle cricothyrotomy

Intravenous therapy:

Intravenous cannulation

Intravenous infusion

Intraosseous cannulation

Intraosseous infusion

Needle thoracocentesis

Aetiology of Cardiac Arrest

Getting the Basics Right

Rhythm Recognition and Manual Defibrillation

Vascular Access and Drug Therapy

Airway and Ventilation

Reversible Causes in Cardiac Arrest

Return of Spontaneous Circulation

Non-Technical Skills in Cardiac Arrest

Special Circumstances and Traumatic Cardiac Arrest

Recognition of Life Extinct (ROLE)

Peri-Arrest Arrhythmias

Paediatric ALS

Breaking Bad News

Part 3: Teaching and learning methods

Teaching and learning methods: Scheduled learning includes lectures, seminars, practical teaching and simulation.

Independent learning includes hours engaged with essential reading, reflective, comprehensive interactive online learning materials, revision etc.

Students will engage in a number of interactive lecture and seminar days.

Students are also given access to bespoke, interactive learning resources for the module, giving opportunities to develop knowledge and understanding as they progress through the module.

Module Learning outcomes: On successful completion of this module students will achieve the following learning outcomes.

MO1 Recognise and treat the deteriorating critically ill or injured patient using a structured approach.

MO2 Assess and manage cardiac arrest utilising contemporary advanced life support guidelines.

MO3 Apply current guidelines to effectively manage the post-Return Of Spontaneous Circulation (ROSC) patient.

MO4 Display effective leadership, followership and integration of non-technical skills.

Hours to be allocated: 300

Contact hours:

Independent study/self-guided study = 228 hours

Face-to-face learning = 72 hours

Reading list: The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://uwe.rl.talis.com/modules/uzysv3-15-2.html) via the following link <https://uwe.rl.talis.com/modules/uzysv3-15-2.html>

Part 4: Assessment

Assessment strategy: Assessment Task 1

Objective Structured Clinical Exams. Rationale: An opportunity for the student to demonstrate practical skills competency in simulation.

Assessment Task 2

Summative assessment: Structured Oral and Practical Examination

Practical assessment of simulated cardiac arrest scenarios. Followed by questioning 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.

Assessment tasks:

Practical Skills Assessment (First Sit)

Description: Structured oral and practical examination

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

Practical Skills Assessment (First Sit)

Description: Objective structured clinical examination

(Pass/Fail)

Weighting: 0 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1

Practical Skills Assessment (Resit)

Description: Structured oral and practical examination

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

Practical Skills Assessment (Resit)

Description: Objective structured clinical exam

(Pass/Fail)

Weighting: 0 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Paramedic Science [Glenside] BSc (Hons) 2024-25