

RESC 4813 - Adult Cardiac and Pediatric Advanced Life Support

Fall 2026 Syllabus, Section 01, CRN 42824,

Credit hours: 3

Instructor

Michael Kerr

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Public Instructor Information

Instructor Title: Michael Kerr MS BSAS

Instructor Professional Qualifications: MS Philadelphia University 2022

BSAS Youngstown State University 2013

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Course Description

4813. Adult Cardiac and Pediatric Advanced Life Support. This course is designed for healthcare providers who will participate in the management of cardio pulmonary resuscitation and will focus on advanced cardiopulmonary resuscitation modalities and hands on procedures for the adult and pediatric patient populations. Cardiovascular pharmacology, advanced airway management, vascular access, and resuscitation techniques used in the management of adult and pediatric cardiac emergencies will be explored. Successful completion of the course will result in AHA, ACLS and AHA PALS certifications. 3hour lecture. Prereq.: Students need basic cardiac life support certification to take this course. 3 s.h.

Course Readings

Group	Title	Author	ISBN
Required	American Heart Association ACLS	AHA	9781684722952
Required	American Heart Association PALS	AHA	9781684723393

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

Schedule of Topics and Assignments

Day	Date	Proposed Topic	Due/To Prepare for Class
Thu	8/27	Systemic Approach Primary/Secondary	
Thu	9/3	Anatomy/Physiology ST/SVT BLS SKILLS	Quiz 1
Thu	9/10	ECG Rhythms V-Tach 3-5 minute presentation	Quiz 2
Thu	9/17	Pharmacology PALS/ACLS Vascular Access RRT's 3-5 minutes presentation	Quiz 3
Thu	9/24	MGMT Respiratory Emergencies Intubation 3-5 Minute Presentation	quiz 4
Thu	10/1	MGMT SHOCK PALS/ACLS Ischemic Stroke 3-5 min presentation	quiz 5
Thu	10/8		Midterm Pre-tests due
Thu	10/22	MGMT Stable Tachy ACLS/PALS 10 minute presentation	quiz 6 ACLS PALS Presentations

Thu	10/29	Post Cardiac Care Arrest ACLS/PALS 10 minute presentation	Quiz 7 ACLS/PALS Presentations
Thu	11/5	PEA/ASYSTOLE Monitor Operation Coping with death	Quiz 8
Thu	11/12	Pulseless V-tachy/V-Fib MGMT Meet Simlab SEHC Youngstown	Quiz 9
Thu	11/19	Post Cardiac Arrest /Airway Skills meet at SEHC Youngstown	Quiz 10
Thu	11/26		
Thu	12/3	ACLS/PALS Megacodes MANDATORY MEET at SEHC Youngstown	MEGACODE
Thu	12/10		Finals

The course schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances, by mutual agreement, and/or to ensure better learning.