



**COWLEY COLLEGE
& Area Vocational Technical School**

COURSE PROCEDURE FOR

**ADVANCED CARDIAC LIFE SUPPORT (ACLS)
NCH6203 0 Credit Hour**

Student Level:

This course is open to students on the college level in freshman or sophomore.

Catalog Description:

NCH6203 - ADVANCED CARDIAC LIFE SUPPORT PROVIDER (ACLS) (0 hr)

The purpose of the American Heart Association’s ACLS Provider class is to provide students with the knowledge, psychomotor ability and attitudes necessary to manage a patient in cardiac arrest using advanced life support procedures. Typical students are respiratory therapists, pharmacists, physicians, nurses or paramedics. Emphasis will be placed on rapid defibrillation, assessment, algorithm knowledge, pharmacological intervention, and post-resuscitation management.

Prerequisite:

Current American Heart Association BCLS affirmation.

Controlling Purpose:

This course is designed to provide students with the knowledge, psychomotor ability and attitudes necessary to manage a patient in cardiac arrest using advanced life support procedures. Typical students are respiratory therapists, pharmacists, physicians, nurses or paramedics.

Learner Outcomes:

Upon completion of the course, the student will develop competencies in managing adult cardiac arrest resuscitations. Students will be able to respond to these emergencies, with an emphasis on rapid defibrillation, assessment, algorithm knowledge, pharmacological intervention and post-resuscitation management.

Units Outcomes and Criterion Based Evaluation Key for Core Content:

The following defines the minimum core content not including the final examination period. Instructors may add other content as time allows.

Evaluation Key:

- A = All major and minor goals have been achieved and the achievement level is considerably above the minimum required for doing more advanced work in the same field.
- B = All major goals have been achieved, but the student has failed to achieve some of the less important goals. However, the student has progressed to the point where the goals of work at the next level can be easily achieved.

- C = All major goals have been achieved, but many of the minor goals have not been achieved. In this grade range, the minimum level of proficiency represents a person who has achieved the major goals to the minimum amount of preparation necessary for taking more advanced work in the same field, but without any major handicap of inadequacy in his background.
- D = A few of the major goals have been achieved, but the student's achievement is so limited that he is not well prepared to work at a more advanced level in the same field.
- F = Failing, will be computed in GPA and hours attempted.
- N = No instruction or training in this area.

UNIT 1: ADVANCED CARDIAC LIFE SUPPORT						
Outcomes: The student will gain the ability to perform advanced cardiac life support.						
A	B	C	D	F	N	Specific Competencies
						The student will demonstrate the ability to:
						Perform the primary ABCD survey
						Identify methods for early access
						Perform one and two person adult CPR
						The student will demonstrate the ability to:
						Perform noninvasive airway management techniques
						Perform defibrillation, cardioversion and external pacing
						Use an automated external defibrillator
						Perform endotracheal intubation
						Verify endotracheal tube placement
						List the steps for establishing a peripheral intravenous infusion
						Identify the most frequent cardiac arrest rhythms
						List the etiologies of cardiac arrest, as related to patient presentation
						List the treatment algorithms for common arrest and pre-arrest rhythms
						The student will demonstrate the ability to discuss the indications, mechanism of action and dosages for pharmaceutical agents used during advanced cardiac life support
						The student will be able to:
						Lead a resuscitation team
						Manage critical near-arrest patients
						Describe pericardiocentesis
						Describe needle thoracostomy

Projects Required:

As assigned. A project may be required and will be explained by the instructor.

Textbook:

Contact Bookstore for current textbook.

Materials/Equipment Required:

None.

Attendance Policy:

Students should adhere to the attendance policy outlined by the instructor in the course syllabus.

Grading Policy:

The grading policy will be outlined by the instructor in the course syllabus.

Maximum class size:

Based on classroom occupancy

Course Timeframe:

The U.S. Department of Education, Higher Learning Commission and the Kansas Board of Regents define credit hour and have specific regulations that the college must follow when developing, teaching and assessing the educational aspects of the college. A credit hour is an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally-established equivalency that reasonably approximates not less than one hour of classroom or direct faculty instruction and a minimum of two hours of out-of-class student work for approximately fifteen weeks for one semester hour of credit or an equivalent amount of work over a different amount of time. The number of semester hours of credit allowed for each distance education or blended hybrid courses shall be assigned by the college based on the amount of time needed to achieve the same course outcomes in a purely face-to-face format.

Refer to the following policies:

[402.00 Academic Code of Conduct](#)

[263.00 Student Appeal of Course Grades](#)

[403.00 Student Code of Conduct](#)

Disability Services Program:

Cowley College, in recognition of state and federal laws, will accommodate a student with a documented disability. If a student has a disability which may impact work in this class and which requires accommodations, contact the Disability Services Coordinator.