



North Central State College

MASTER SYLLABUS

2026-2027

- A. Academic Division: Health Sciences
- B. Discipline: Respiratory Care
- C. Course Number and Title: RESP 2330 Advanced Life Support Procedures
- D. Assistant Dean: Dr. Jason Tucker, Ph.D.
- E. Credit Hours: 1
Laboratory: 3 hours
- F. Prerequisites: Health Care Provider CPR Certification
- G. Last Course/Curriculum Revision Date: Fall 2023 Origin date: 12/22/2010

H. Textbook(s) Title:

Textbook of Neonatal Resuscitation

- Author: American Academy of Pediatrics
- Copyright Year: 2025
- Edition: 9th
- ISBN #: 9781610028578

Advanced Cardiac Life Support, Provider Manual

- Author: American Heart Association
- Copyright Year: 2025
- Edition:
- ISBN #: 9781684722952

Pediatric Advance Life Support, Provider manual

- Author: American Heart Association
- Copyright Year: 2025
- Edition:
- ISBN #: 9781684723393

I. Workbook(s) and/or Lab Manual: None

- J. Course Description: This course consists of the American Heart Association's Advanced Cardiovascular Life Support (ACLS), Pediatric Advance Life Support (PALS), and Neonatal Resuscitation Program (NRP). When the student successfully completes this course he/she will be issued certification cards for each discipline from the American Heart Association. The course is taught by certified AHA instructors. The laboratory hours are arranged. The course will be offered during the term as three separate modules, each two days (approximately 16 hours) dates and times to be announced.

K. College-Wide Learning Outcomes:

College-Wide Learning Outcome	Assessments - - How it is met & When it is met
Communication – Written	
Communication – Speech	
Intercultural Knowledge and Competence	
Critical Thinking	
Information Literacy	
Quantitative Literacy	

L. Course Outcomes and Assessment Methods:

Upon successful completion of this course, the student shall:

Outcomes	Assessments – How it is met & When it is met
1. Describe ACLS: adult resuscitation: patient assessment, setup and ventilation via endotracheal tube, setup and ventilation via mask, adult CPR airway and ventilation, adult CPR compressions	Written examination produced by the AHA at the end of the ACLS course week 2
2. Perform an ACLS “Mega code”	Laboratory demonstration and check-off at the end of the ACLS course week 2
3. Describe PALS: pediatric resuscitation: patient assessment, setup and ventilation via endotracheal tube, setup and ventilation via mask, pediatric CPR airway and ventilation, pediatric CPR compressions	Written examination produced by the AHA at the end of the PALS course Week 4
4. Perform successfully a PALS “Mega code”	Laboratory demonstration and check-off at the end of the PALS course week 4
5. Describe NRP: neonatal resuscitation: patient assessment, manual ventilation via endotracheal tube, setup and ventilation via mask, newborn assessment/resuscitation, neonatal CPR	Written examination produced by the AHA at the end of the NRP course Week 5
6. Perform successfully a NRP “Mega code”	Laboratory demonstration and check-off at the end of the NRP course week 5

M. Recommended Grading Scale:

NUMERIC	GRADE	POINTS	DEFINITION
93–100	A	4.00	Superior
90–92	A-	3.67	Superior
87–89	B+	3.33	Above Average
83–86	B	3.00	Above Average
80–82	B-	2.67	Above Average
77–79	C+	2.33	Average
73–76	C	2.00	Average
70–72	C-	1.67	Below Average
67–69	D+	1.33	Below Average
63–66	D	1.00	Below Average
60–62	D-	0.67	Poor
00–59	F	0.00	Failure

N. College Procedures/Policies:

North Central State College believes that every student is a valued and equal member of the community.* Every student brings different experiences to the College, and all are important in enriching academic life and developing greater understanding and appreciation of one another. Therefore, NC State College creates an inclusive culture in which students feel comfortable sharing their experiences.

Discrimination and prejudice have no place on the campus, and the College takes any complaint in this regard seriously. Students encountering aspects of the instruction that result in barriers to their sense of being included and respected should contact the instructor, assistant dean, or dean without fear of reprisal.

* *Inclusive of race, color, religion, gender, gender identity or expression, national origin (ancestry), military status (past, present or future), disability, age (40 years or older), status as a parent during pregnancy and immediately after the birth of a child, status as a parent of a young child, status as a foster parent, genetic information, or sexual orientation*

Important information regarding College Procedures and Policies can be found on the syllabus supplement located at

<https://ncstatecollege.edu/documents/President/PoliciesProcedures/PolicyManual/Final%20PDFs/14-081b.pdf>



North Central State College
SYLLABUS ADDENDUM

Academic Division: <u>Health Sciences</u>	Discipline: <u>Respiratory Care</u>
Course Coordinator: <u>Randee Frangella</u>	
Course Number: <u>RESP 2330-50</u>	Course Title: <u>Advanced Life Support Procedures</u>
Semester / Session: <u>Summer 2026</u>	Start / End Date: <u>05/26/26 thru 07/16/26</u>

Instructor Information

Name: <u>Randee Frangella</u>	Credentials: <u>BSRT, RRT/RP, ACUE</u>
Phone Number: <u>419-755-4849</u>	E-Mail Address: <u>rfrangella@ncstatecollege.edu</u>
Office Location: <u>HS-322</u>	Office Hours: <u>By appointment</u>

I. Topical Timeline / Course Calendar (Subject to Change):

Weeks	Topics	Assignment	Due Date
1	ACLS- lessons & skills	ACLS pre-test	05/29/2026
2	ACLS- skills practice, exam, & mega-code		
3	PALS- lessons & skills	PALS pre-test	06/12/2026
4	Holiday		
5	PALS- skills practice, exam, & mega-code		
6	Holiday		
7	NRP- skills practice & mega-code	NRP, Advanced Practitioner Lessons 1-11 (online)	07/10/2026
8			

II. Grading and Testing Guidelines:

Final Grade Calculation

Activity	Qty	Points
ACLS Exam	1	50
ACLS card submission	1	20
PALS Exam	1	50
PALS card submission	1	20
NRP card submission	1	20

ACLS & PALS

- a. Exams are given under the direction of the American Heart Association Training Center at Fisher-Titus Medical Center in Norwalk, Ohio
 - Passing grade is determined by AHA
- b. Mega-Code is administered and evaluated by AHA certified instructors at above training center
 - All mega-code and skills evaluations are pass/fail
- c. Students must pass all skills, mega-codes and exams to pass course

Course Number: RESP 2330-50
Semester / Session: Summer 2026

Course Title: Advanced Life Support Procedures
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NRP

- d. Exam is given online by American Academy of Pediatrics
 - Passing grade is determined by AAP
- e. Mega-Code is administered and evaluated by AAP certified instructors at above training center
 - All mega-code and skills evaluations are pass/fail
- f. Students must pass all skills, mega-codes and exams to pass course

III. Examination Policy:

1. The reasons for which a student will be excused from taking an examination
 - a. Hospitalization (with documented verification)
 - b. Death in the immediate family (with documented verification)
 - c. Personal illness or illness in immediate family - (doctor's excuse required).
2. A student who misses an examination for any reason is responsible for
 - a. Making up the missed certification course at a later date/time.
 - b. This must be completed before the end of the semester, or an incomplete will be granted
 - c. Certification must be earned before incomplete period is over or student will not pass this course.
 - Assistance in planning make-up will be facilitated by instructor

IV. Class Attendance and Homework Make-Up Policy:

1. Class attendance is necessary to acquire the knowledge required to successfully earn each certification that is offered in this course
2. Students are responsible for completing the required pre-work and course work outlined by AHA/AAP

V. Classroom Expectations:

All students are expected to conduct themselves in a professional and respectful manner with any interaction between student and staff/instructor. This applies to interaction in the classroom, lab, clinical, and online environment as well as your interactions outside of a formal setting while performing work and discussions.

Anytime that you are at the clinical/learning site or are in public wearing your NCSC uniform, you are a representative of this school and program. Professional behavior is expected at all times.