

MESABI RANGE COMMUNITY & TECHNICAL COLLEGE

Course Outline

Course Title: ACLS (Advanced Cardiac Life Support) Provider

Semester Course Prefix and Number: EMTP 2300

Old Quarter Course Prefix and Number:

Number of Credits: 1

Semester(s) Offered:

Class Size:

Negotiated by AASC on:
(date)

Number of Lecture Credits: 1

Number of Lab Credits: Number of Lab Hours:

Number of Studio/Demonstration/Internship Credits:

Course Purpose Code:

0 – Developmental Courses

1 – Non-transferable

2 – Technical course related to career programs

3 – College course which has the primary goal of applying certain concepts (e.g. vocal ensemble)

4 – Other college course not considered a part of MNTC (e.g. computer science, health, physical education)

5 – Course which is intended to fulfill the Minnesota Transfer Curriculum (MNTC) requirements or intended for transfer.

9 – Continuing Education/Customized Training specialized credit course (not occurring in 0-5)

Catalog Description:

This course will result in the certification of Advanced Cardiac Life Support Provider from the American Heart Association. It covers all of the aspects of treating cardiac patients at the advanced level to include basic and advanced airway control, cardiac rhythm interpretation, medication administration, and post resuscitation management.

Prerequisites and/or recommended entry skills/knowledge:

Course Prerequisite(s): Current CPR-Experienced Health Care Provider certification, current RN, Paramedic, Or Paramedicine, Cardiovascular Tech, or Respiratory Care student, and have the approval of the instructor

Reading Prerequisite:

Composition Prerequisite:

Mathematics Prerequisite:

Career Programs and Transfer Majors Accessing this Course:

Medical Field

Minnesota Transfer Curriculum Goal(s) partially met by this course if applicable:

(Notes: No more than two goals may be met by any one course. Curriculum Committee review and the Chief Academic Officer's approval are required.)

0. None

1. Communications

2. Critical Thinking

3. Natural Sciences

4. Mathematical/Logical Reasoning

5. History and the Social and Behavioral Sciences

6. The Humanities and Fine Arts

7. Human Diversity

8. Global Perspectives

9. Ethical and Civic Responsibility

10. People and the Environment

Learning Outcomes: (including any relevant competencies listed in the Minnesota Transfer Curriculum)

Upon completion of this course, the student will be able to:

- Perform basic cardiac life support in adults according to current standards
- Correctly manage an obstructed airway
- Demonstrate assessment of the adult airway and proper implement of adjuncts, including the use of bag—valve—mask, LMA, and intubation as necessary
- Identify and initiate proper therapeutic interventions for the following conditions: ventricular fibrillation, asystole, ventricular tachycardia, pulseless electrical activity, AV blocks, pulmonary edema-hypotension-shock, acute coronary syndromes, acute ischemic stroke, hypothermia, stable tachycardia, symptomatic bradycardia
- Demonstrate competence on the role of mega-code team leader
- Operate the defibrillator/cardiovertor appropriately and correctly
- Prescribe the appropriate medication in the correct dose and at the correct time
- Order and interpret lab data appropriate to the clinical situation

Student Assessment Methods:

Standard examinations and quizzes

Use of Instructional Technology: (includes software, interactive video and other instructional technologies):

Appropriate paramedic instructional materials

Additional Special Information: (special fees, directives on hazardous materials, etc.)

Transfer Information: (Please list colleges/majors that accept this course in transfer.)

Course Outline Revision History:

This course focuses on the certification of Advanced Cardiac Life Support Provider from the American Heart Association

Approvals:

Body	Representative Signatures	Date
Curriculum Committee		
Faculty Association		
Academic Affairs Standards Committee		

Chief Academic Officer		
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Distribution: Original – Instructional Services
Copies: Transfer Specialist, Originating Faculty Member, Records
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