

# MESABI RANGE COMMUNITY & TECHNICAL COLLEGE

## Course Outline

**Course Title:** ALS (Advanced Life Support) Ambulance Clinical  
**Semester Course Prefix and Number:** EMTP 1800  
**Old Quarter Course Prefix and Number:**

**Submitted By:** Becky Sherek  
**Approval Date:** 10/25/11  
**Revision Date:**

**Number of Credits:** 4  
**Semester(s) Offered:**  
**Class Size:** 20  
Negotiated by AASC on:  
(date)

**Number of Lecture Credits:**  
**Number of Lab Credits:** 4      **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 is designed to build upon the experience and skills the paramedic student has acquired to this time in an Advanced Life Support ambulance service. The student will enhance their knowledge and skills with the operations, procedures and care provided by the paramedic in the field. The student will be involved with BLS and ALS patient care and treatment provided under the supervision of a staff paramedic.

### Prerequisites and/or recommended entry skills/knowledge:

Course Prerequisite(s): EMTP 1120,1220,1225,1226, 1420,1520

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. <input checked="" type="checkbox"/> None                                | 6. <input type="checkbox"/> The Humanities and Fine Arts     |
| 1. <input type="checkbox"/> Communications                                 | 7. <input type="checkbox"/> Human Diversity                  |
| 2. <input type="checkbox"/> Critical Thinking                              | 8. <input type="checkbox"/> Global Perspectives              |
| 3. <input type="checkbox"/> Natural Sciences                               | 9. <input type="checkbox"/> Ethical and Civic Responsibility |
| 4. <input type="checkbox"/> Mathematical/Logical Reasoning                 | 10. <input type="checkbox"/> People and the Environment      |
| 5. <input type="checkbox"/> History and the Social and Behavioral Sciences |  |

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

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

- Demonstrate the ability to safely administer medications
- Demonstrate the ability to safely perform endotracheal intubation
- Demonstrate the ability to safely gain venous access in all age group patients
- Demonstrate the ability effectively ventilate unintubated patients of all age groups
- Demonstrate the ability to perform a comprehensive assessment on pediatric patients
- Demonstrate the ability to perform a comprehensive assessment on adult patients
- Demonstrate the ability to perform a comprehensive assessment on geriatric patients
- Demonstrate the ability to perform a comprehensive assessment on obstetric patients
- Demonstrate the ability to perform a comprehensive assessment on trauma patients
- Demonstrate the ability to perform a comprehensive assessment on psychiatric patients
- Demonstrate the ability to perform a comprehensive assessment, formulate and implement a treatment plan for patients with chest pain
- Demonstrate the ability to perform a comprehensive assessment, formulate and implement a treatment plan for patients with dyspnea/respiratory distress
- Demonstrate the ability to perform a comprehensive assessment, formulate and implement a treatment plan for patients with abdominal complaints
- Demonstrate the ability to perform a comprehensive assessment, formulate and implement a treatment plan for patients with altered mental status
- Demonstrate the ability to serve as a team leader in a variety of pre-hospital emergency situations

**Student Assessment Methods:**

Performance examinations in accordance with established standards of care. Regular performance evaluations—FISDAP, clinicals

**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 introduction of the paramedic student to an Advanced Life Support ambulance service.

**Approvals:**

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

**Distribution:** Original – Instructional Services  
**Copies:** Transfer Specialist, Originating Faculty Member, Records  
**Revised:** March 2010