

MESABI RANGE COMMUNITY & TECHNICAL COLLEGE

Course Outline

Course Title: Paramedicine Skills I
Semester Course Prefix and Number: EMTP 1220
Old Quarter Course Prefix and Number:

Submitted By:
Approval Date:
Revision Date:

Number of Credits: 3
Semester(s) Offered:
Class Size:
Negotiated by AASC on:
(date)

Number of Lecture Credits:
Number of Lab Credits: 3 **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:

After completing this course, the paramedic student will be able to apply the basic concepts of development, path physiology and pharmacology to assessment and management of emergency patients, to be able to properly administer medications, and communicate effectively with patients, will be able to establish and or maintain a patent airway, oxygenate, and ventilate a patient, will be able to integrate path physiological principles and assessment findings to formulate a field impression and implement the treatment plan for the trauma patient, and communicate the findings to others, will be able to safely manage the scene of an emergency.

Prerequisites and/or recommended entry skills/knowledge:

Course Prerequisite(s): EMTP 1120

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.)

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|--|--|
| 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:

- Be able to establish and/or maintain a patent airway, oxygenate, and ventilate a patient.
- Be able to explain the path physiological significance of physical exam findings.
- Be able to follow an accepted format for dissemination of patient information in verbal form, either in person or over the radio.
- Be able to effectively document the essential elements of patient assessment, care and transport.
- Be able to integrate path physiological principles and assessment findings to formulate a field impression and implement the treatment plan for the patient with shock or hemorrhage.
- Be able to integrate path physiological principles and assessment findings to formulate a field impression and implement the treatment plan for the patient with soft tissue trauma.
- Be able to integrate path physiological principles and the assessment findings to formulate a field impression and implement a treatment plan for the patient with a suspected spinal injury.
- Be able to integrate path physiological principles and the assessment findings to formulate a field impression and implement the treatment plan for the patient with a musculoskeletal injury.

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:

The focus of this course is the application of basic concepts of development, path physiology and pharmacology to assess and manage emergency patients.

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
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