

# North Central **Michigan College**

NCMC Master Syllabus  
Last Updated 11/7/03

DIVISION/AREA: Health and Human Services

DEPARTMENT: Allied Health

AREA DEAN: Timothy Dykstra, Ph.D.

ORIGINATOR: Larry Hansen

TOTAL HOURS OF INSTRUCTION:

Lecture: 4

Lab: 2

Total Contact Hours: 164

COURSE NUMBER: AH 105

CREDIT HOURS: 6

COURSE TITLE: EMT BASIC I

**PREREQUISITE(S)/COREQUISITE(S)/ADVISORY:** Admission to EMS Program or permission of EMS Coordinator

**CATALOG DESCRIPTION:** This entry level course follows the outline prescribed by the American Academy of Orthopedic Surgeons and is part of the series of courses needed to receive National Registry Certification as an Advanced Emergency Medical Technician. The course involves classroom and hands-on-instruction both in the College lab and practicum. Basic skill development including assessment of injury, triage, and basic interventions is covered. Students may be expected to spend time beyond that indicated in the syllabus to achieve course objectives. Students are required to maintain current immunizations, health insurance, and BLS for the professional rescuer.

**COURSE OBJECTIVES & OUTCOMES:**

1. Students will meet classroom and clinical objectives as outlined in the MDCIS and National Registry educational requirements

**METHODS OF INSTRUCTION:**

Lecture, laboratory, skills demonstration and return demonstration, case studies

**METHODS OF EVALUATION:**

Written examinations

Practical assessments (Pass/Fail only)

Quizzes

Case Studies

**REQUIRED TEXTS:**

Brady's Emergency Care

Optional supplementary Materials: Brady's Emergency Care Workbook

NCMC EMS Program Student Handbook

TIME ALLOWANCE AND SEQUENCE OF INSTRUCTION:

| WEEK | TOPIC   |
|------|---|
| 1    | Introduction to medical care<br>Medical-legal issues<br>Well being of the EMT |
| 2    | Human Body  |
| 3    | Vital signs<br>Patient history<br>Lifting and moving patients                 |
| 4    | Practical Evaluation<br>Airway  |
| 5    | Airway  |
| 6    | Scene management<br>Initial assessment<br>Focused trauma history              |
| 7    | Ongoing Assessment<br>Communication<br>Documentation                          |
| 8    | Patient assessment  |
| 9    | Patient assessment  |
| 10   | Pharmacology<br>Allergies<br>Respiratory Emergencies                          |
| 11   | Respiratory Emergencies<br>Cardiovascular Emergencies                         |
| 12   | Cardiovascular Emergencies<br>CPR   |
| 13   | CPR   |
| 14   | CPR   |
| 15   | Diabetes<br>Altered Mental Status   |
| 16   | Final Written and Practical Exams   |

