

# North Central **Michigan College**

NCMC Master Syllabus  
Last Updated 02/01/07

DIVISION/AREA: Health and Human Services DEPARTMENT: Allied Health

AREA DEAN: Timothy Dykstra, Ph.D. ORIGINATOR: Larry Hansen

DIVISION DIRECTOR: Polly Flippo

TOTAL HOURS OF INSTRUCTION: Lecture: 7 Lab: 2 Clinical: 3 Total Contact Hours: 211.2

COURSE NUMBER: AH 112 CREDIT HOURS: 9

COURSE TITLE: EMT BASIC

**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 National Registry and the State of Michigan to receive National Registry Certification as an Basic Emergency Medical Technician. The course involves classroom, hands-on-instruction both in the College lab and clinical sites. Students may be expected to spend time beyond that indicated in the syllabus to achieve course objectives. Students must pass this course with a 77% or better in order to enroll in advanced paramedic courses. Prerequisites: Valid driver's license, no felony convictions, completed physical examination, immunizations, and current health insurance prior to clinical. Admission to EMS Programs or permission of EMS Coordinator. **STUDENTS MUST CONTACT ASSOCIATE DEAN OF NURSING AND ALLIED HEALTH AND COMPLETE APPLICATION AND SUBMIT PROOF OF IMMUNITY AND PHYSICAL EXAM BEFORE THEY CAN REGISTER FOR AH 112.**

**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

National Curriculum for EMT Basic found at <http://www.nhtsa.dot.gov/people/injury/ems/nsc.htm>



TIME ALLOWANCE AND SEQUENCE OF INSTRUCTION:

**Time allowance meets the MDOT and National Registry Requirements for Clock Hours.**

<b>Content</b>	<b>Hours</b>
Introduction to Emergency Care	1.5
Well-Being of the EMT Basic	1.5
Medical/Legal Ethical Issues	1.5
The Human Body	2.5
Baseline Vital Signs/SAMPLE History	2
Lifting and Moving Patients	3
Evaluation: Preparatory Module	1
Airway	4
Practical Lab: Airway	2
Evaluation: Airway Module	1
Scene Size up	0.5
Initial Assessment	1
Focused History and Physical: Trauma	4
Focused History and Physical: Medical	2
Detailed Physical Exam	1
On going Assessment	1
Communications	1
Documentation	1.5
Practical Lab: Patient Assessment	8
Evaluation: Patient Assessment Module	1
General Pharmacology	1
Respiratory Emergencies	2.5
Cardiovascular Emergencies	7
Diabetic Emergencies/Altered Mental Status	2
Allergies	2
Poisoning/Overdose	2
Environmental Emergencies	2
Behavioral Emergencies	1.5
Obstetrics	2
Practical Lab: Medical/Behavioral/Obstetrics	8

Evaluation: Medical/Behavioral/Obstetrics	1
Bleeding and Shock	2
Soft Tissue Injuries	2
Musculoskeletal Care	4
Injuries to the Head and Spine	4
Practical Lab: Trauma	6
Evaluation Trauma	1
Infants and Children	3
Practical Lab: Infants and Children	3
Evaluation: Infants and Children	1
Ambulance Operations	1
Gaining Access	1
Overviews	2
Evaluation: Operations	1
Final Written Evaluation	2
Final Practical Evaluation	5
Advanced Airway	6
Practical Lab: Advanced Airway	4
Evaluation: Advanced Airway	2

**APPROVED FOR ADOPTION BY THE CRD/AP COMMITTEE ON: 2/07/07**