

North Central Michigan College

Last Revised Date: 9/23/02

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

DIVISION DIRECTOR: Polly Flippo, MSN,RN ORIGINATOR: Larry Hansen

DEAN OF INSTRUCTION: Timothy Dykstra, PhD

TOTAL HOURS OF INSTRUCTION: LECTURE: 4 LAB: 2 TOTAL CONTACT HOURS: 105.6

COURSE NUMBER: AH 106 CREDIT HOURS: 6 (4-2)

COURSE TITLE: EMT Basic II

TRANSFERABLE YES: NO: TO:

PREREQUISITE(S)/COREQUISITE(S)/ADVISORY:
AH 105 or permission of instructor

CATALOG DESCRIPTION:

A continuation of AH 105. This course provides greater emphasis on details covered briefly in the previous courses and includes an in-depth study of fluid and shock resuscitation, and advance airway management.

GENERAL EDUCATION OUTCOMES:

The purpose of General Education requirements in our degree programs is to enable students to develop their ability to reason, to communicate effectively in both oral and written form, and to acquire sufficient knowledge of their heritage to participate fully in society and the world.

COURSE OBJECTIVES & OUTCOMES:

Students will meet classroom and clinical objectives as outlined in the MDCIS education requirements.

METHODS OF INSTRUCTION: Lecture, discussion, case-studies, audio-visuals, practical simulations, guest speakers.

METHODS OF EVALUATION:

Written exams, practical exams, homework, quizzes, written final, and final practical exam.

REQUIRED TEXTS:

Brady Intermediate Emergency Care text and workbook

NCMC EMS Program Student Handbook

OPTIONAL SUPPLEMENTARY MATERIALS:

Brady Emergency Care

Reasonable accommodations may be provided for students with documented physical, sensory, cognitive, systemic, and/or psychiatric disabilities. Please contact the Education Opportunity Program (EOP) at (231) 348-6687 to arrange services for this course.

TIME ALLOWANCE AND SEQUENCE OF INSTRUCTION:

Following topics will be covered, meeting MDCIS requirements for instructional hours.

- Roles and responsibilities of EMS, medical and legal issues
- EMS Systems Operations
- Communicable Diseases
- Telemetry,
- Communications
- Triage
- Patient Assessment
- Pharmacology
- Acid-base balance
- Oxygen therapy
- Airway management
- Cardiovascular system
- Behavioral emergencies
- Fluids and electrolytes
- Shock
- IV Therapy
- Stress management
- CNS and traumatic injuries
- Acute abdominal injuries and conditions
- Diabetes

- Hazmat/Environmental Emergencies
- Pediatrics
- OB/GYN
- Geriatrics

APPROVED FOR ADOPTION BY THE CRD/AP COMMITTEE ON 9/25/02