

North Central MICHIGAN COLLEGE

Page 1

NCMC MASTER COURSE SYLLABUS

Last Date Revised: 02.01.07

DIVISION/AREA: DEPARTMENT: Allied Health
DIVISION DIRECTOR: ORIGINATOR: Larry Hansen
DEAN OF INSTRUCTION: Timothy Dykstra, Ph.D.
TOTAL HOURS OF INSTRUACION: LECTURE: LAB: TOTAL CONTACT HOURS:
COURSE NUMBER: AH 115 CREDIT HOURS:
COURSE TITLE: EMT Specialist
TRANSFERABLE YES NO TO:

PREREQUISITE(S)/COREQUISITE(S)/ADVISORY: AH 112 or current licensure as a Basic EMT

CATALOG DESCRIPTION: Prepares Basic EMT's to sit for the National Registry licensure examination as an EMT-Specialist. Provides an intermediate level of training that includes IV therapy, endotracheal intubation and intermediate airway insertion. Presents an indepth study of fluid and shock resuscitation, fluid and electrolyte balance, acid/base balance, and care of pediatric and geriatric clients in the pre-hospital setting. Students are required to maintain current immunizations, health insurance, and BLS for the professional rescuer.

GENERAL EDUCATION OUTCOMES: N/A

COURSE OBJECTIVES & OUTCOMES: Students will meet classroom and clinical objectives as outlined in the MDCIS and National Registry 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's Intermediate Emergency Care Latest Edition
NCMC EMS Program Student Handbook

OPTIONAL SUPPLEMENTARY MATERIALS: None

Reasonable accommodations may be provided for students with documented physical, sensory, cognitive, systemic, and/or psychiatric disabilities. Please contact the Learning Support Services (LSS) at (231) 348-6682 to arrange services for this course.

TIME ALLOWANCE AND SEQUENCE OF INSTRUCTION:

Week 1	Introduction to telecommunications Patient assessment
Week 2	Patient assessment/triage/evaluation Acid/Base Balance
Week 3	Respiratory Emergencies O2 Therapy/Airway Management
Week 4	Chest Injuries/ Written Exam Fluid/ Electrolyte Balance

NCMC MASTER COURSE SYLLABUS

Week 5	IV Therapy
Week 6	IV Therapy Shock
Week 7	Pharmacology Cardiovascular System CNS Trauma Acute Abdomen Diabetes
Week 8	Pediatric and Geriatric Clients Final Exam
Week 9	N/A
Week 10	N/A
Week 11	N/A
Week 12	N/A
Week 13	N/A
Week 14	N/A
Week 15	N/A
Week 16	N/A

APPROVED FOR ADOPTION BY THE CRD/AP COMMITTEE ON 2/7/07