



CHIPOLA COLLEGE

COURSE SYLLABUS

Chipola's website: www.chipola.edu

COURSE TITLE:

Paramedic II

COURSE NUMBER:

EMS 2621

COURSE DESCRIPTION (with prerequisites):

Paramedic II is a continuation of advanced life support knowledge, skills, assessments, treatments, and experiences attained in Paramedic I with emphasis on special patient considerations, traumatic injuries, operations, and specialized instruction and advanced labs. Topics to be covered include but are not limited to: obstetrics, pediatrics, challenged patients, traumatic injuries, and EMS operations. Lab, clinical, and field experiences included.

The goal of the EMS Department is “to prepare Paramedics who are competent in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains to enter the profession.”

Prerequisites

- Successfully completed EMS 2620
15 semester hours

NAME(S) OF INSTRUCTORS:

Tina Maloy, Program Director
(850)718-2403
maloyt@chipola.edu

Chris Murray, Lead Instructor
(850)718-2361
murrayc@chipola.edu

Keith Maddox
Josh Letchworth
Matthew Norville
Ayla Land

EFFECTIVE ACADEMIC YEAR:

2023-2024

REQUIRED TEXTBOOKS AND INSTRUCTIONAL MATERIALS:

Required Books and Resources (for all semesters): Contact Chipola Bookstore for prices

No textbook required (textbooks purchased for EMS 2620 will be used for this course):
Nancy Caroline's Emergency Care in the Streets Advantage Package and Workbook
Ninth Edition: ISBN: 9781284274028

Required Uniform:

- 2 - Official College polos
- 2 - Official College t-shirts
- 2 - Navy blue EMS pants
- Black belt
- Black socks
- Black boots
- ID Badge
- Stethoscope
- Blue ink pen
- Pen Light
- Trauma Shears
- Watch with second hand |

GRADING POLICY:

The standing of a student in each course is expressed by one of the following letters and corresponding grading system:

A – 90 – 100

B – 80 – 89

C – 75 – 79

D – 60 – 74

F – 59 - 0

The Health Sciences Department requires students to maintain a minimum grade of 75. Students must have a non-rounded unit exam grade of 75 or above to progress in the EMS program.

The Chipola Catalog provides policies and procedures regarding the grading system. A student's Grade Point Average is derived from the grading system/quality point scale.

ATTENDANCE AND WITHDRAWAL POLICIES:

Chipola College expects regular attendance of all students, and all instructors record attendance daily. Students who are absent from classes for any reason other than official college activities must satisfy the instructor concerned that the absence was due to illness or other clearly unavoidable reasons. Otherwise, the student may suffer grade loss at the discretion of the instructor. Chipola policy allows each instructor to specify in the Instructor First Day Handout whether or not an absence is excusable and what affect the absence or tardy may have on the grade.

A student is allowed to repeat a course a maximum of three (3) times. **On the third attempt a student (1) must bear the full cost of instruction (unless waived by Student Services), (2) cannot withdraw, and (3) must receive a grade.**

MAKE-UP POLICY:

Chipola allows each instructor to specify in the Instructor First Day Handout the makeup policy.

ACADEMIC HONOR CODE POLICY:

Students are expected to uphold the Academic Honor Code. Chipola College's Honor Code is based on the premise that each student has the responsibility to (1) uphold the highest standards of academic honesty in his/her own work; (2) refuse to tolerate academic dishonesty in the college community; and (3) foster a high sense of honor and social responsibility on the part of students. Further information regarding the Academic Honor Code may be found in the Chipola Catalog, Student Governance section.

STUDENTS WITH DISABILITIES POLICY:

Chipola College is committed to making all programs and facilities accessible to anyone with a disability. Chipola's goal is for students to obtain maximum benefit from their educational experience and to effectively transition into the college environment. Students with disabilities are requested to voluntarily contact the Office of Students with Disabilities to complete the intake process and determine their eligibility for reasonable accommodations.

NOTICE OF EQUAL ACCESS/EQUAL OPPORTUNITY AND NONDISCRIMINATION:

Chipola College does not discriminate against any persons, employees, students, applicants or others affiliated with the college with regard to race, color, religion, ethnicity, national origin, age, veteran's status, disability, gender, genetic information, marital status, pregnancy or any other protected class under applicable federal and state laws, in any college program, activity or employment.

Wendy Pippen, Associate Vice President of Human Resources, Equity Officer and Title IX Coordinator, 3094 Indian Circle, Marianna, FL 32446, Building A, Room 183C, 850-718-2269, pippenw@chipola.edu.

LIBRARY AND ON-LINE REFERENCE MATERIALS:

The library is a comprehensive learning resource center providing information in print, electronic, and multimedia format to support the educational objectives of the College. On-line catalogs, e-books and electronic databases can be accessed by using the *LINCCWeb* icon on the Chipola Library website at www.chipola.edu/library. If you have questions about database usage consult the "How to Use the Chipola Databases" on the Library website or call the Library at 850/718-2274 during regular hours. Library hours are posted each semester at the building entrance and on the Library website. See your Instructor First Day Handout for individual instructor recommendations and resources.

TECHNOLOGY RESOURCES:

The college's learning management system is **Canvas**. Classes become available on Canvas on the first day of the semester. It is the student's responsibility to log onto the Canvas system the first day of class to establish the first day of attendance and to

check announcements. All official class communication must be through Canvas. For further information, contact your instructor or the Director of eLearning. The Canvas support hotline is available online in live chat and on the phone, toll-free, at 855-308-2812 for any issues in accessing or utilizing Canvas. The **Technology Center**, located in the library, is equipped with computer workstations. Lab hours are posted each semester at the building entrance and on the Library website.

FREE TUTORING RESOURCES:

The Academic Center for Excellence (ACE) Lab, located in Building L, offers free tutoring from 8 a.m. to 5 p.m. and is equipped with computer workstations. ACE Lab hours are posted each semester at the room entrance and on the website.

Additionally, live online tutoring conferences and individual tutoring sessions are available for a variety of courses through ACE @ Home. For a conference schedule or to schedule an individual appointment, visit “ACE Tutoring” in the left navigation from any course in Canvas.

ELECTRONIC DEVICE USAGE STATEMENT:

Classrooms should be free of all unnecessary distractions from the task of learning. Therefore, as a general rule, students should silence and avoid use of all electronic devices (laptops, phones, tablets, etc.) not being used for coursework. Consult first-day handouts for any specific policies related to the use of electronic devices in the classroom, as they may vary depending upon the nature of the course or the guidelines of the instructor. Faculty reserve the right to regulate the use of electronic devices and their accessories in class.

DISCIPLINE SPECIFIC COMPETENCIES / LEARNING OUTCOMES:

- | | |
|-------|--|
| PMD 1 | Integrate complex knowledge of Workforce Safety and Wellness, Roles and Responsibilities/Professionalism of a Paramedic, Clinical Behavior and Judgement, medical/legal and ethical issues within an EMS system, effective interpersonal and therapeutic communication skills with patients and others. |
| PMD2 | Integrates a complex knowledge of anatomy, physiology, and pathophysiology to assess and manage emergency patients including: pharmacology, medication administration, respiratory, including maintaining a patent airway, oxygenation, and ventilation to effectively and safely provide advanced emergency medical care to critical medical and/or trauma emergent patients. |
| PMD3 | Establish principles of medical documentation and report writing; including patient assessment, history, comprehensive physical exam, list differential diagnoses, and formulate a treatment plan for critical emergent patients. |
| PMD4 | Integrate a complex knowledge of environmental hazards procedures and multiple causality incidents. |
| PMD5 | Demonstrate complex knowledge and skills required to apply for the state and National Paramedic licensure examination and employment. |

LINKING COURSE-LEVEL STUDENT LEARNING OUTCOMES WITH DISCIPLINE-SPECIFIC COMPETENCIES, ASSESSMENT METHODS, AND ARTIFACTS

COURSE-LEVEL STUDENT LEARNING OUTCOMES FOR EMS 2621	DISCIPLINE-SPECIFIC GENERAL EDUCATION COMPETENCIES	ASSESSMENT METHODS FOR COURSE LEVEL STUDENT LEARNING OUTCOMES	LEARNING ARTIFACTS FOR AA PROGRAM ASSESSMENT
--	---	--	---

Explain multiple determinants of professional roles and responsibilities of the emergency medical services system as well as emergency medical services system operations.	PMD 1 – PMD 5	OT, UT, Q, F, CF, SP, SD, H, PS, CS, Clin.	BO, Obs.,Sk. Check, JP
Exhibit complex knowledge in EMS systems, research, public health initiative, workforce safety and wellness, record keeping, quality improvement, therapeutic communication and medical/legal and ethics.	PMD 1 – PMD 5	OT, UT, Q, F, CF, SP, SD, W, H, PS, CS, Clin.	BO, Obs.,Sk. Check, JP
Identify operational roles and responsibilities to ensure patient, public, and personnel safety in performing emergency care and operational aspects as a pre-hospital care provider.	PMD 1 – PMD 5	OT, UT, Q, F, CF, SP, SD, H, PS, CS, Clin.	BO, Obs.,Sk. Check, JP
Develop and demonstrate complex knowledge and application of clinical behaviors and judgement as related to advanced assessment, therapeutic communications, cultural competencies, psychomotor skills, professionalism, decision-making, record keeping, patient complaints and differential diagnoses, scene safety, and leadership in performing advanced emergency medical care to critical medical and/or trauma emergent patients.	PMD 1 – PMD 5	OT, UT, Q, F, CF, SP, SD, W H, PS, CS, Clin.	BO, Obs.,Sk. Check, JP
Apply complex knowledge relative to the multiple determinants of professional roles and responsibilities of the emergency medical services system as well as emergency medical services system operations.	PMD 1 – PMD 5	OT, UT, Q, F, CF, SP, SD, H, PS, CS, Clin.	BO, Obs.,Sk. Check, JP
Utilize complex knowledge of anatomy and physiology, medical terminology, pathophysiology, and lifespan development relative to advanced patient assessment.	PMD 1 – PMD 5	OT, UT, Q, F, CF, SP, SD, H, PS, CS, Clin.	BO, Obs.,Sk. Check, JP
Demonstrate complex knowledge of the principles of pharmacology, medication administration, and emergency medications interventions to safely provide advanced emergency medical care to critical medical and/or trauma emergent patients.	PMD 1 – PMD 5	OT, UT, Q, F, CF, SP, SD, H, PS, CS, Clin.	BO, Obs.,Sk. Check, JP
Develop and demonstrate complex knowledge and application of patient airway management including oxygen administration, airway adjunct application, intubation, difficult airway, respiration, and artificial ventilation.	PMD 1 – PMD 5	OT, UT, Q, F, CF, SP, SD, H, PS, CS, Clin.	BO, Obs.,Sk. Check, JP
Apply scene information to guide advanced emergency medical care to critical emergent patients by using scene size up information, patient findings related to primary and secondary assessment, patient history, using monitoring devices, and reassessment.	PMD 1-PMD5	OT, UT, Q, F, CF, SP, SD, H, PS, CS, Clin.	BO, Obs.,Sk. Check, JP
Demonstrate critical thinking skills to enhance the ability to analyze and develop the most effective means of caring for age-related patient management of pre-hospital advanced emergency medical care for patients.	PMD 1 – PMD 5	OT, UT, Q, F, CF, SP, SD, H, PS, CS, Clin.	BO, Obs.,Sk. Check, JP
Demonstrate complex knowledge and critical thinking skills to guide advanced emergency medical care to critical emergent patients of all age groups and patients with special challenges within the scope of practice of a Paramedic in caring for a medical patient including but not limited to neurologic emergencies, abdominal and gastrointestinal disorders, immunologic emergencies, infectious diseases, endocrine disorders, psychiatric disorders, cardiovascular emergencies, toxicological emergencies, respiratory emergencies, hematologic emergencies, genitourinary/renal emergencies, gynecological emergencies, obstetrics, non-traumatic musculoskeletal disorders, diseases of the eyes, ears, nose, and throat.	PMD 1 – PMD 5	OT, UT, Q, F, CF, SP, SD, W, H, PS, CS, Clin.	BO, Obs.,Sk. Check, JP
Demonstrate complex knowledge to perform age-related management of shock and resuscitation.	PMD 1 – PMD 5	OT, UT, Q, F, CF, SP, SD, W, H, PS, CS, Clin.	BO, Obs.,Sk. Check, JP
Demonstrate complex knowledge and critical thinking skills to guide advanced emergency medical care to critical emergent patients of all age groups and patients with special challenges within the scope of practice of a Paramedic in caring for a trauma patient including but not limited to bleeding, chest trauma, abdominal/genitourinary trauma, orthopedic trauma, soft-tissue trauma, head, face, neck, and spine trauma, nervous system trauma, special patient population trauma, environmental emergencies, and multi-system trauma.	PMD 1 – PMD 5	OT, UT, Q, F, CF, SP, SD, W, H, PS, CS, Clin.	BO, Obs.,Sk. Check, JP
Demonstrate complex knowledge in the care of special populations to include but not limited to gynecologic/obstetrical, neonatal care, pediatric patients, geriatric patients, and patients with special challenges.	PMD 1 – PMD 5	OT, UT, Q, F, CF, SP, SD, W, H, PS, CS, Clin.	BO, Obs.,Sk. Check, JP
Demonstrate and apply complex and comprehensive knowledge of EMS operations, safety operations of the ground ambulance, lifting and moving patients, vehicle extrication, special rescue, incident management, multiple casualty incidents, air medical operations, hazardous materials awareness, and terrorism response.	PMD 1 – PMD 5	OT, UT, Q, F, CF, SP, SD, W, H, PS, CS, Clin.	BO, Obs.,Sk. Check, JP
Demonstrate complex knowledge and skills of the three domains (cognitive, psychomotor, and affective) to successfully apply for state licensure and employment.]	PMD 5]	OT, UT, Q, F, CF, SP, SD, W, H, PS, CS, Clin.]	BO, Obs.,Sk. Check, JP]

**** Assessment Codes**

T = Tests Pre/Post = Pre- and Post-Tests OT = Objective Tests UT = Unit Tests Q = Quizzes F = Final Examination CF = Cumulative Final EX = Departmental Exam SE = Nat'l or State Standardized Exam	RPT = Report/Presentation SP = Skills Performance SD = Skills Demonstration W = Writing Assignments E = Essays DE = Documented Essays RP = Research papers J = Jury R = Recital	Proj. = Projects Exp. = Experiments Cap. Proj. = Capstone Project Cap. Course = Capstone Course Prac. = Practicum Intern. = Internship H = Homework PS = Problem Solving DB = Discussion Board	BO = Behavioral Observation Clin. = Clinicals CS = Case Study CP = Case Plan Port. = Portfolio Obs. = Teacher Observation Sk. Check = Skills Check-off Curriculum Frameworks JP = Judged Performance/Exhibition
---	--	---	--

MEANS OF ACCOMPLISHING STUDENT LEARNING OUTCOMES:

The theory and skills acquisition is taught in a sequential order initiating with didactic, lab, and progression to clinical/internship. This process encompasses governing standards and principles to ensure the graduate is a competent entry-level paramedic prepared for state and national certification and employment.

Lecture is the primary method of instruction covering topics primarily from the textbook. The presentation is enhanced by overhead slides, class demonstrations, skills acquisition, scenario, case studies, board illustrations, and role-play. Students are responsible for all material contained within the assigned chapters of the textbooks, as well as all material covered during lecture. Students should read the text, take lecture notes, complete study assignments and review the online supplemental information in order to prepare for the exams/evaluations. The students' understanding of the material and familiarity with the terminology will be assessed as well as previous knowledge, skills, assessments, treatments, and accumulated experiences attained in EMS1158 and/or while functioning as a licensed EMT.

Student evaluation/exams will include the cognitive, affective, and psychomotor domains.

See EMS Program Handbook and First Day Handouts for additional information.

Content exams are used to assess materials covered throughout the semester. Content exams can include questions encompassing current topic areas and past subject material. Additionally, exams may be presented to the student in the following forms: multiple choice, fill in the blank, short answer, essay, electronic, skills assessment, patient assessment and management scenarios, simulations, practical demonstrations, and case studies. Make up tests will be different from the original test given in class and will be administered at the discretion of the director (see EMS handbook for additional information). There is no re-examination allowed.

Class Assignments, Quizzes, and Pharmacology Exams can include materials encompassing current topic areas and past subject material and will be administered at the discretion of the instructor. Forms of Class Assignments, Quizzes, and Pharmacology Exams can include assessments using quizzes, exams, tests, daily assignments, homework assignments, skills assessment, patient assessment and management, scenarios, simulations, practical demonstrations, and case studies.

Skills are to be entered in FSDAP and completed by the assigned due dates.

A comprehensive/cumulative Final Exam will be administered at the end of the semester to determine the level of learning for the student for the entire course. The grading policy included in the EMS Program Handbook will be utilized in determining pass/fail on the examination. There is no re-examination allowed.

Psychomotor hands-on testing will be conducted during laboratory time to test the student's ability to recall and apply cognitive, psychomotor, and affective learning into a real-world application. Psychomotor testing is strictly a pass/fail grade. If the student fails a psychomotor skill, they will be permitted three (3) attempts including remediation to successfully pass. In the event that the student is unsuccessful; the student is subject to dismissal from the program.

Clinical Assignments: Students must successfully complete required clinical assignments and obtain competencies (see EMS Program Handbook /Clinical and Field Internship Guide for additional information) set by the program. Students must maintain at 75% average or greater in order to attend clinical. Each clinical assignment will be evaluated by an on-site preceptor and confirmed by the clinical coordinator/director. Students are required to turn in clinical evaluations and record information in the on-line data-base within 72 hours of the end time of the clinical. Required Clinical Assignments for EMS2621 are as follows:

Semester 2: EMS 2621 Required Clinical Assignments		
Location	Hours	Requirements to initiate clinicals
ER	124 hours	After successful completion of EMS2620
Critical Care	24 hours	After successful completion of EMS2620
OB	24 hours	After successful completion of OB/Neonate didactic and skills
EMS Field Experience	60 hours	Qualified candidate begins during Trauma
Total:	232 hours	

Per Florida Administrative Code, no student shall be subject to “on call” status while attending clinical experiences, field experiences, or field internships nor should a student be utilized to fulfill a staffing requirement. Furthermore, no student shall be in the patient compartment alone during patient transport.

Appearance Standards: Emergency Medical Service is a professional career and students are expected to dress accordingly. See EMS Program Handbook /Clinical and Field Internship Guide for the appearance standards set forth by the program in class, lab, clinical, and internship sites.

See EMS Program Handbook, Clinical and Field Internship Guide, and First Day Handout for other additional information.

ASSIGNMENT AND/OR COURSE OUTLINE

See your Instructor First Day Handout for individual instructor assignment schedule.