

PM100 Paramedic Phase I Syllabus

Revised/Published 03/2022

Campus Information

Department	Email	Office Hours
Student Services	studentservices@camsen.edu	Monday - Friday 0900-1700
Program Director	adjohnson@camsen.edu	By Appointment
Admissions Director	acampbell@camsen.edu	By Appointment

Course Name and Objective

Paramedic Phase I - 421 hours / 21 Credits

To prepare competent entry-level Paramedics in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains with or without exit points at the Advanced Emergency Medical Technician and/or Emergency Medical Technician, and/or Emergency Medical Responder levels.

Course Description

This residential course includes online, classroom, lab, hospital and field activities. The vast majority of this course is administered via class and lab activities. There are some required online assignments (i.e. homework and pretests) that will be completed, submitted, and recorded on the JBLearning online learning platform associated with the Emergency Care in the Streets textbook. The hours granted for these assignments are included in the required program hours and are not optional. This course starts the Paramedic program and ends at the Phase I Final Exam. This course includes an introduction into the program, Anatomy and Physiology, Respiratory and Cardiac Emergencies and Care, Pharmacology, and Medication Administration. This course also includes 4 hours of mandatory HIV/AIDS Awareness training.

Prerequisite

Students seeking admission to this course have to complete the Emergency Medical Technician program prior to the start of this class. Students can start this course but will not be allowed to take the course Final Exam unless they have successfully obtained their **Florida EMT License**. ***This must be done prior to the end of Phase I.*** Additionally, students must maintain certification in BLS for the Healthcare Provider by the American Heart Association or equivalent. Students must also meet all admission requirements as set forth in the Program Catalog.

Required Textbook/Materials

The required textbook for this course is: *Emergency Care in the Streets 8th Edition*

Publisher: American Academy of Orthopaedic Surgeons (AAOS) 2017

- The textbook is provided to the student as part of the program cost.
- There are not any other required materials for this program, and any recommended material will be discussed at the discussion and recommendation of the Lead Instructor.

Topic Outline:

- EMS Systems and Workplace Safety
- Communications, Documentation and Medical Terminology
- Anatomy and Physiology

- Pathophysiology
- Life Span
- Patient Assessment
- Pharmacology
- Medical Calculation
- Airway Management and Respiratory Emergencies
- Cardiovascular Emergencies and Management
- *Advanced Cardiac Life Support*

At the Completion of the Course, Students will:

- Describe historical events that helped develop the Emergency Medical Services (EMS) systems
- Identify components of an EMS system
- Discuss the relationship between EMS and the State
- Describe the leadership, affective characteristics roles and responsibilities of a paramedic
- List the operational responsibilities of a paramedic
- Demonstrate how to work effectively as a team
- Discuss medical errors and how to prevent them in the future
- Describe how drugs are classified
- Differentiate among Schedule I, II, III, IV & V substances
- Describe drug actions
- Discuss formulas as a basis for performing drug calculations
- Explain the differences between adult and pediatric airway anatomy
- Demonstrate proper use of airway and ventilation devices including administration of BIPAP/CPAP and PEEP devices
- Describe indications, contraindications, advantages, disadvantages, complications, and techniques for ventilating a patient with and automatic transport ventilator
- Demonstrate adequate endotracheal, nasotracheal, subglottic, supraglottic, placement of airway devices
- Perform and interpret wave form capnography and colorimetric
- Discuss the assessment and management of cardiovascular emergencies

Grading Scale

Exams	Quizzes	Grading Scale
There are 8 in-class exams, all worth 100pts. A 9 th exam grade will be equivalent to the quiz grade. These 9 grades will be the only grades used to calculate the overall course grade.	There are various in-class quizzes, all worth 10 points. All quizzes will be averaged together to equal the 9 th exam grade.	A 100-90 B 89-80 C 79-75 F 74 and below
**Students are unsuccessful and must repeat the course if they earn less than a 75%.		

PM101 Paramedic Phase II Syllabus

Revised/Published 03/2022

Campus Information

Department

Student Services
Program Director
Admissions Director

Email

studentservices@camsen.edu
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acampbell@camsen.edu

Office Hours

Monday - Friday 0900-1700
By Appointment
By Appointment

Course Name and Objective

PM101 Paramedic Phase II - 604 hours / 21 Credits

To prepare competent entry-level Paramedics in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains with or without exit points at the Advanced Emergency Medical Technician and/or Emergency Medical Technician, and/or Emergency Medical Responder levels.

Course Description

This residential course includes online, classroom, lab, hospital, and field activities. The vast majority of this course is administered via class and lab activities. There are some required online assignments (i.e. homework and pretests) that will be completed, submitted, and recorded on the JBLearning online learning platform associated with the *Emergency Care in the Streets* textbook. The hours granted for these assignments are included in the required program hours and are not optional. This course starts at the conclusion of PM100 when the student successfully passes the Phase I Final exam. This course includes trauma care, Obstetrics, Pediatric, Geriatric care and Patients with Special Challenges. This course also covers EMS Operations, MCI, Terrorism, Hazardous Materials, the National Incident Management System and a comprehensive review of the program.

Prerequisite

Students must successfully complete PM100 prior to starting this class and **must be currently licensed in the State of FL as an EMT**. This class cannot be attended while completing PM100. Additionally, students must maintain certification in BLS for the Healthcare Provider and ACLS Advanced Cardiac Life Support by the American Heart Association or equivalent. Students must also meet all admission requirements as set forth in the Program Catalog.

Required Textbook/Materials

The required textbook for this course is: *Emergency Care in the Streets 8th Edition*

Publisher: American Academy of Orthopedic Surgeons (AAOS) 2017

- The textbook is provided to the student as part of the program cost.
- There are not any other required materials for this program, and any recommended material will be discussed at the discussion and recommendation of the Lead Instructor.

Topic Outline:

- Trauma: Bleeding, Soft Tissue, Burns, Face and Neck, Head and Spine, Chest, Abdominal, and Orthopedic
- Environmental Emergencies
- Neurological Emergencies
- Diseases of the Eyes, Ears, Nose and Throat

- Abdominal and GI Emergencies
- Genitourinary and Renal Emergencies
- Gynecological Emergencies
- Endocrine and Hematologic Emergencies
- Immunologic and Infectious Diseases
- Toxicological Emergencies
- Psychiatric Emergencies
- Obstetrics
- Neonatal Care
- Pediatric Emergencies and SIDS Training
- Geriatric Emergencies
- Patients with Special Challenges
- Transport Operations
- Vehicle Extrication, Hazardous Materials and Terrorism Response
- Disaster Response and Crime Scene Awareness

At the Completion of the Course, Students will:

- Discuss the assessment and management of neurological emergencies
- Discuss the assessment and management of diseases of the eyes, ears, nose and throat
- Discuss the assessment and management of abdominal, gastrointestinal and hematologic emergencies
- Discuss the assessment and management of endocrinologic, genitourinary and renal emergencies
- Discuss the assessment and management of infectious diseases and immunologic emergencies
- Discuss the assessment and management of toxicology emergencies
- Discuss the assessment and management of psychiatric emergencies
- Discuss the assessment and management of soft-tissue trauma
- Discuss the assessment and management of burns
- Discuss the assessment and management of face and neck trauma
- Discuss the assessment and management of head and spine trauma

Grading Scale

Exams	Quizzes	Grading Scale
There are 6 in-class exams, all worth 100pts. A 7 th exam grade will be equivalent to the quiz grade. These 7 grades will be the only grades used to calculate the overall course grade.	There are various in-class quizzes, all worth 10 points. All quizzes will be averaged together to equal the 7 th exam grade.	A 100-90 B 89-80 C 79-75 F 74 and below **Students are unsuccessful and must repeat the course if they earn less than a 75%.

PM102 *Field Capstone* Syllabus

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Campus Information

Department

Student Services
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Office Hours

Monday - Friday 0900-1700
By Appointment
By Appointment

Course Name and Objective

PM 102: PARAMEDIC CAPSTONE FIELD EXTERNSHIP: 75 clock hours / No Credit Hours Awarded

To prepare competent entry-level Paramedics in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains with or without exit points at the Advanced Emergency Medical Technician and/or Emergency Medical Technician, and/or Emergency Medical Responder levels.

The field externship hours are performed on an Advance Life Support unit 75 hours must be completed on an Advanced Life Support transport unit. These hours provide the student the opportunity to demonstrate the skills and abilities in the emergency setting of an Ambulance or Rescue Unit. Students will be expected to perform skills as the Team Leader with little to no interference by the preceptor unless the situation becomes necessary to safeguard patient care. The student must successfully obtain 20 team leads.

PREREQUISITES:

This course will start after all core didactic and clinical experience has been completed. Additionally, students must maintain certification in BLS for the Healthcare Provider by the American Heart Association or equivalent along with Advanced Cardiac Life Support, and Pediatric Advanced Life Support. Students must also meet all admission requirements as set forth in the Program Catalog.

Required Textbook/Materials

There is no required textbook for this phase of the Paramedic Program.

Grading Scale

Exams

There are no exams in this course. The final grade indicates successful or unsuccessful completion of the required externship hours.

Quizzes

There are no quizzes given during this course

Grading Scale

A 75 hours completed
F less than 75 hours completed
**Students are unsuccessful and must repeat the course if they do not complete the required 75 hours.