

Bossier Parish Community College
Master Syllabus

Course Prefix and Number: EMTP 208

Credit Hours: 4

Course Title: Treatment of the Medical Patient II

Course Prerequisites: EMTP 203

Textbooks: Bledsoe, Paramedic Care: Principles and Practice Volume 3, 5th Edition
American Heart Association, Handbook of Emergency Cardiovascular Care,
Current Edition

Course Description:

This course covers the management of medical patients in the out of hospital setting by integrating anatomy and physiology, pathophysiology, patient assessment, patient treatment, and pharmacology. Integrated lecture and laboratory. In order to register for EMTP 201 - EMTP 215 student must have been selected for the program.

Learning Outcomes:

- A. At the end of this course, the paramedic student will demonstrate the knowledge, skill and ability to manage a patient with a simulated medical patient in the out of hospital environment while utilizing critical thinking skills.

To achieve the learning outcomes, the student will

1. Demonstrate professional behavior consistent with the BPCCC Paramedic Program Code of Conduct.
2. Obtain a complete history and thorough physical examination on a simulated medical patient utilizing an approved skill sheet.
3. Manage a simulated patient with a neurological complaint.
 - 3.1. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with stroke or TIA.
 - 3.2. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient having a seizure.
 - 3.3. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient in status epilepticus.
 - 3.4. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with a headache.

- 3.5. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with dementia.
- 3.6. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient a neoplasm.
- 3.7. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with a demyelinating disorder.
- 3.8. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with Parkinson's Disease.
- 3.9. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with a cranial nerve disorder.
- 3.10. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with a movement disorder.
- 3.11. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with neurologic infection or inflammation.
- 3.12. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with spinal cord compression.
- 3.13. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with hydrocephalus.
- 3.14. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with Wernicke's Encephalopathy.
4. Manage a simulated patient with an abdominal or gastrointestinal disorder.
 - 4.1. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with acute and chronic gastrointestinal hemorrhage.
 - 4.2. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with a liver disorder.
 - 4.3. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with peritonitis.
 - 4.4. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with ulcerative diseases.
 - 4.5. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with irritable bowel syndrome.

- 4.6. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with inflammatory disorders.
- 4.7. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with pancreatitis.
- 4.8. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with bowel obstruction.
- 4.9. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with hernias.
- 4.10. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with infectious disorders related to the gastrointestinal system.
- 4.11. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with gall bladder and biliary tract disorders.
- 4.12. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with rectal abscess.
- 4.13. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with rectal foreign body obstruction.
- 4.14. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with mesenteric ischemia.
5. Manage a simulated patient with an immunological complaint.
 - 5.1. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with allergic and anaphylactic reactions.
 - 5.2. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with anaphylactoid reactions.
 - 5.3. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with collagen vascular disorder.
 - 5.4. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with transplant related problems.
6. Manage a simulated patient with an infectious disease.
 - 6.1. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with HIV-related disease.

- 6.2. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with hepatitis.
- 6.3. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with pneumonia.
- 6.4. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with meningococcal meningitis.
- 6.5. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with tuberculosis.
- 6.6. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with tetanus.
- 6.7. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with viral diseases.
- 6.8. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with sexually transmitted diseases.
- 6.9. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with gastroenteritis
- 6.10. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with a fungal infection.
- 6.11. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with rabies.
- 6.12. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with scabies and lice.
- 6.13. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with Lyme disease.
- 6.14. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with Rocky Mountain Spotted Fever.
- 6.15. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with an antibiotic resistant infection.
7. Manage a simulated patient with an endocrine complaint.
 - 7.1. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with an acute diabetic emergency.

- 7.2. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with diabetes.
- 7.3. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with adrenal disease.
- 7.4. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with pituitary and thyroid disorders.
8. Manage a simulated patient with a psychiatric complaint.
 - 8.1. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with acute psychosis.
 - 8.2. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with agitated delirium.
 - 8.3. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with a cognitive disorder.
 - 8.4. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with a thought disorder.
 - 8.5. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with a mood disorder.
 - 8.6. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with a neurotic disorder.
 - 8.7. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with a substance abuse related disorder or addictive behavior.
 - 8.8. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with a somatoform disorder.
 - 8.9. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with a factitious.
 - 8.10. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with a personality disorder.
 - 8.11. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with a pattern of violence, abuse or neglect.
 - 8.12. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with organic psychosis

9. Manage a patient with a toxicological or substance abuse related complaint.
 - 9.1. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with exposure to a cholinergic.
 - 9.2. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with exposure to an anticholinergic.
 - 9.3. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with exposure to a sympathomimetic.
 - 9.4. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with exposure to a sedative/hypnotic.
 - 9.5. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with exposure to an opiate.
 - 9.6. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with alcohol intoxication.
 - 9.7. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with alcohol withdrawal.
 - 9.8. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with exposure to over-the-counter and prescription medications.
 - 9.9. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with exposure to carbon monoxide.
 - 9.10. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with exposure to illegal drugs.
 - 9.11. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with exposure to herbal preparations.
10. Manage a simulated patient with a hematological complaint.
 - 10.1. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with sickle cell disease.
 - 10.2. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with complications from a blood transfusion.
 - 10.3. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with a hemostatic disorder.

- 10.4. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with lymphoma.
- 10.5. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with a red blood cell disorder.
- 10.6. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with a white blood cell disorder.
- 10.7. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with a coagulopathy.
11. Manage a simulated patient with a genitourinary or renal complaint.
 - 11.1. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with acute renal failure.
 - 11.2. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with chronic renal failure.
 - 11.3. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with complications from dialysis.
 - 11.4. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with an acid base disturbance.
 - 11.5. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with fluid and electrolyte issue.
 - 11.6. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with an infection.
 - 11.7. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with male genital tract condition.
12. Manage a simulated patient with a non-traumatic musculoskeletal disorder.
 - 12.1. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with disorders of the spine.
 - 12.2. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with joint abnormalities.
 - 12.3. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with muscle abnormalities.

- 12.4. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with overuse syndromes.
13. Manage a simulated patient with a disease of the eyes, ears, nose, or throat.
 - 13.1. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with a nosebleed.
 - 13.2. Demonstrate knowledge of the anatomy, physiology, pathophysiology, psychosocial impact, presentations, prognosis and management of a patient with a disease of the eyes, ears, nose and throat.

Course Requirements

To earn a grade of “C” or higher the student must earn 70% of the total points for the course and meet all of the following course requirements.

- Attend 90% of all class sessions.
- Score a minimum of 33 on the Paramedic Program Affective Evaluation with no topic area receiving a score of 2 or less.
- Pass the final written exam.
- Pass the Therapeutics exam.
- Demonstrate competency in all assigned lab skills
- Must have a C or above to continue in the Paramedic Clinical Program

Course Grading Scale:

- A- 90% or more of all possible points and meet the Course Requirements.
- B- 80% or more of all possible points and meet the Course Requirements
- C- 70% or more of all possible points and meet the Course Requirements
- D- 60% or more of all possible points and meet the Course Requirements
- F- less than 60% of all possible points or fail to meet the Course Requirements

Attendance Policy: The college attendance policy, which is available at <http://www.bpcc.edu/catalog/current/academicpolicies.html>, allows that “more restrictive attendance requirements may apply to some specialized classes such as laboratory, activity, and clinical courses because of the nature of those courses.” The attendance policy of the Paramedic program is described in the Paramedic Clinical Handbook.

Course Fees: This course is accompanied with an additional non-refundable fee for supplemental materials, laboratory supplies, certification exams and/or clinical fees.

Nondiscrimination Statement

Bossier Parish Community College does not discriminate on the basis of race, color, national origin, gender, age, religion, qualified disability, marital status, veteran's status, or sexual orientation in admission to its programs, services, or activities, in access to them, in treatment of individuals, or in any aspect of its operations. Bossier Parish Community College does not discriminate in its hiring or employment practices.

COORDINATOR FOR SECTION 504 AND ADA

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Reviewed by J. Anderson / July 2019