08/26 & 08/27  
Class Forms, Rules and Regulations (Class 1)

08/28 & 08/29  
General Pharmacology; Medical Terminology (Class 2)

Assignment
- Text: Chapters 14 & 7, pages 396 – 408 and 156 – 162
- Workbook: Chapters 14 & 7

Synopsis
Provides the student with a basic knowledge of pharmacology, providing a foundation for the administration of medications given by the EMT and those used to assist a patient with self-administration. Medical terminology is introduced included various medical terms.

09/04 & 09/05  
Anatomy & Physiology (Class 3)

Assignment
- Text: Chapters 7 & 8, pages 118 – 155, (Chap. 8: No lecture-Pathophysiology Reading Assignment, pages 164-189)
- Workbook: Chapters 7 & 8
- Skills Manual: pages 64 & 28

Synopsis
An overview of body systems, anatomy, physiology and topographic anatomy.

09/09 & 09/10  
Anatomy & Physiology, Cont. (Class 4)

Assignment
- Text: Chapters 7 & 8, pages 118 – 155, (Chap. 8: No lecture-Pathophysiology Reading Assignment, pages 164-189)
- Workbook: Chapter 7 & 8
- Skills Manual: pages 64 & 28

Synopsis
An overview of body systems, anatomy, physiology and topographic anatomy.

09/11 & 09/12  
Vital Signs, History-Taking and Mechanism of Injury (Class 5)

Assignment
Text: Chapters 9, 11 & 12, pages 264 – 310, (Chap 9: No lecture-Life Span Development Reading Assignment, Pages 190-201)
Workbook: Chapters 9, 11 & 12

Synopsis
Teaches assessing and recording of a patient's vital signs and a SAMPLE and OPQRST history when appropriate. Discussion of issues surrounding identifying and assessing mechanism of injury.

09/16 & 09/17 Airway Management (Class 6)
Assignment
Text: Chapter 10, pages 202 – 263
Workbook: Chapter 10
Skills Manual: pages 1 – 13

Synopsis
Teaches airway anatomy and physiology, how to maintain an open airway, pulmonary resuscitation, variations for infants and children and patients with laryngectomies. The use of airways, suction equipment, oxygen equipment and delivery systems, and resuscitation devices will be discussed in this lesson.

09/18 & 09/19 Patient Assessment (Class 7)
Assignment
Text: Chapter 12 &13, pages 373 – 469
Workbook: Chapter 12 &13
Skills Manual: pages 21 – 25

Synopsis
Enhances the EMT's ability to evaluate a scene for potential hazards, determine the number of patients, if additional help is necessary, and evaluate mechanism of injury or nature of illness. Provides the foundation to properly perform the primary assessment, form a general impression, determine responsiveness, and assess the airway, breathing and circulation. A rapid approach to the trauma patient will be the focus of this lesson. Describes and discusses the method of assessing patients with medical complaints or signs and symptoms. Stresses the importance of trending, recording changes in the patient's condition, and reassessment of interventions to assure appropriate care. A rapid approach to the trauma patient will also be discussed.
09/23 & 09/24  Respiratory Emergencies (Class 8)
Assignment
Text: Chapter 16, pages 445 – 488
Workbook: Chapter 16
Skills Manual: pages 14 – 18
Synopsis
Reviews components of the lesson on respiratory anatomy and physiology. It will also provide instruction on assessment of respiratory difficulty and emergency medical care of respiratory problems, and the administration of prescribed inhalers and nebulizers.

09/25 & 09/26  Cardiovascular, Stroke Emergencies (Class 9)
Assignment
Text: Chapter 15, 17 & 18, pages 424-444, 489 – 545
Workbook: Chapter 15, 17 & 18
Skills Manual: pages 64 – 71
Synopsis
Review of the cardiovascular system, an introduction to the signs and symptoms of cardiovascular disease, administration of a patient's prescribed nitroglycerin, aspirin, and use of the automated external defibrillator.

09/30 & 10/01  TEST 1: FISDAP 75 question Airway and Breathing Unit Exam (Class 10)

10/02 & 10/03  Altered Mental Status: Seizures & Syncope, Diabetic Emergencies (Class 11)
Assignment
Text: Chapters 19, & 20, pages 546 – 584
Workbook: Chapters 19, & 20
Skills Manual: pages 72 – 75
Synopsis
Review of the signs and symptoms of altered level of consciousness, the emergency medical care of a patient with signs and symptoms of altered mental status and a history of diabetes, and the administration of oral and intravenous glucose.

10/07 & 10/08  Anaphylaxis & Intramuscular Injection (Class 12)
Assignment
Text: Chapter 21, pages 585 – 604
Workbook: Chapter 21
Skills Manual: pages 76 – 84

Synopsis
Teaches the student to recognize the signs and symptoms of an allergic reaction, and to assist the patient with a prescribed epinephrine auto-injector and use of subcutaneous injected epinephrine. Intramuscular injection is also discussed.

Optional Airway and Breathing Unit Exam Reattempt due to me by the end of class

10/09 & 10/10 TEST 2: FISDAP 75 question Cardiology Unit Exam (Class 13)

10/16 & 10/17 Toxicological Emergencies; Abdominal, Hematologic, Gynecologic, Genitourinary and Renal Emergencies (Class 14)
Assignment
Text: Chapters 22 & 23, pages 605 – 675
Workbook: Chapters 22 & 23
Skills Manual: page 45

Synopsis
Teaches the student to recognize the signs and symptoms of poisoning and overdose. Teaches the student to recognize the signs and symptoms of abdominal emergencies, including peritonitis, abdominal aneurysm, and other medical conditions.

10/21 & 10/22 Environmental, Submersion & Behavioral Emergencies (Class 15)
Assignment
Text: Chapters 24, 25 & 26, pages 676 – 749
Workbook: Chapters 24, 25 & 26

Synopsis
Covers recognizing the signs and symptoms of heat and cold exposure, as well as the emergency medical care of these conditions. Information on aquatic emergencies and bites and stings will also be included in this lesson. Develops the student’s awareness of behavioral emergencies and the management of the disturbed patient. Restraining the combative patient will also be taught in this lesson.

Optional Cardiology Unit Exam Reattempt due to me by the end of class
10/23 & 10/24 Childbirth & Obstetrical Emergencies (Class 16)

Assignment
- Text: Chapter 37, pages 988 – 1023
- Workbook: Chapter 37

Synopsis
- Reviews the anatomical and physiological changes that occur during pregnancy, summarize signs and symptoms of common gynecological emergencies, delivery, and neonatal resuscitation.

10/28 & 10/29 Infants, Children and Geriatrics (Class 17)

Assignment
- Workbook: Chapters 9, 38, 39, 40

Synopsis
- Presents information concerning the developmental and anatomical differences in infants and children, discuss common medical and trauma situations, and also covered are infants/children dependent on special technology. Common problems with elderly patients are also a topic.

10/30 & 10/31 TEST 3: FISDAP 150 question Medical, OB/GYN & Pediatrics Unit Exam (Class 18)

11/04 & 11/05 Bleeding and Shock; IV Therapy (Class 19)

Assignment
- Text: Chapters 15, 27 & 28, pages 409 – 424 and 750 - 771; Appendix 1, pages 1249 - 1250
- Workbook: Chapters 15, 27 & 28
- Skills Manual: pages 29 – 30; 47 – 52; 85 – 89

Synopsis
- Review of the cardiovascular system, describes the care of the patient with internal and external bleeding, signs and symptoms of shock (hypoperfusion), and the emergency medical care of shock. Familiarizes the EMT student with the procedures necessary to initiate maintain an IV, bolus medications, the signs and symptoms of infiltration, and how to discontinue an IV. Reviews use of PASG for hypoperfusion.

11/06 & 11/07 Soft Tissue Injuries (Class 20)

Assignment
Text: Chapters 28 & 29, pages 811 – 831  
Workbook: Chapters 28 & 29  

**Synopsis**  
Continues with the information taught in Bleeding and Shock, discussing the anatomy of the skin and the management of soft tissue injuries and the management of burns. Techniques of dressing and bandaging wounds will also be taught in this lesson.

Optional OB/GYN and Pediatrics Unit Exam Reattempt due to me by the end of class.

**11/11 & 11/12**  
Musculoskeletal Care, Trauma & Non-traumatic Fractures (Class 21)  
**Assignment**  
Text: Chapter 30, pages 832 – 861  
Workbook: Chapter 30  

**Synopsis**  
Review of the musculoskeletal system, recognition of signs and symptoms of a painful, swollen, deformed extremity and splinting are taught in this section.

**11/13 & 11/14**  
Injuries to the Head and Spine (Class 22)  
**Assignment**  
Text: Chapters 31 & 32, pages 862 – 923  
Workbook: Chapters 31 & 32  

**Synopsis**  
Review of the anatomy of the nervous system and the skeletal system. Injuries to the spine and head, including mechanism of injury, signs and symptoms of injury, and assessment. Emergency medical care, including the use of cervical immobilization devices and short and long back boards will also be discussed. Other topics include helmet removal and infant and child considerations.

**11/18 & 11/19**  
Injuries to the Eye, Face, Throat, Chest, Abdomen and Genitalia (Class 23)  
**Assignment**  
Text: Chapters 33, 34, 35 & 36, pages 924 – 975 (Chap. 36: no lecture, Multi-system & Special patient trauma Reading Assignment, pages 976-987)  
Workbook: Chapters 33, 34, 35 & 36
Skills Manual: pages 31 – 32; 41 – 42

Synopsis
Review of the anatomy of the eye, face, and chest. Injuries discussed include flail chest, pneumothorax, hemothorax, great vessel transection, detached retina, pericardial tamponade, etc. Methods of treating these injuries are discussed.

11/20 & 11/21  TEST 4: FISDAP 75 questions Trauma Unit Exam (Class 24)

11/25 & 11/26  Ambulance Operations; Gaining Access (Class 25)
Assignment
Text: Chapters 4, 5, 41, 42, & 43, pages 1155 – 1195
(Chap. 4 & 5: no lecture, Communications & Documentation Reading Assignment, pages 56 – 91)
Workbook: Chapters 4, 5, 41, 42, & 43

Synopsis
Presents an overview of the knowledge needed to function in the prehospital environment. Topics covered include responding to a call, emergency vehicle operations, transferring and moving patients, moving patients, and the phases of an ambulance call. Provides the EMT student with an overview of rescue operations. Topics covered include roles and responsibilities at a crash scene, equipment, gaining access, and removing the patient.

Optional Trauma Unit Exam Reattempt due to me by the end of class

12/02 & 12/03  Hazardous Materials; Triage and Disaster Management (Class 26)
Assignment
Text: Chapters 44, 45, & 46, pages 1196 – 1231, (Chap. 46: no lecture, Terrorism and WMD’s Reading Assignment, pages 1233-1247)
Workbook: Chapters 44, 45, & 46
Skills Manual: pages 80 – 81
Field Triage Decision Scheme:
http://health.state.tn.us/ems/PDF/g4183036.pdf
Tennessee Pediatric Resuscitation Guide: available at
http://faculty.southwest.tn.edu/wray/documents/Pediatric Resuscitation.pdf

Synopsis
Provides the student with an overview of approaching, containing, and managing scenes involving hazardous materials and patients exposed to these toxic chemicals. Develops the student's ability to sort and route patients based on the severity of their injuries. Adult and pediatric Destination Guidelines are reviewed as well as trauma scoring.

12/04-12/05 Test 5: FISDAP 75 question EMS Operations Unit Exam (Class 27)

12/09-12/10 Optional EMS Operations Unit Exam Reattempt due to me by the end of class