

## TEPA 1501 – Advanced Emergency Care (6 Credits)

### Description

The Advanced Emergency Care course includes concepts on special populations in paramedicine such as advanced pediatric management, OB/GYN emergencies, neonatal resuscitation, geriatrics, and Trauma events. It also introduces cold weather rescue, environmental emergencies, rope rescue, swift water rescue, crime scene management, neurology, endocrinology, gastroenterology, pulmonary emergencies, cricothyrotomy, chest venting, external jugular cannulation, toxicology, hematology, shock management, nasogastric tube insertion, Foley catheter insertion, scene leadership, and incident management for the paramedic.

### Course Objectives

- Diagnose injuries and illnesses accurately in pediatric, adult, and geriatric patients under the supervision of an approved preceptor.
- Treat injuries and illnesses safely using the entire spectrum of paramedic protocols under the supervision of an approved preceptor.
- Compare the management of normal deliveries versus high-risk pregnancy and related gynecological emergencies.
- Evaluate the pathophysiology, management, and resuscitation of infants, including neonates and newborns.
- Demonstrate a patient assessment of an obstetric patient and organize findings for assessment-based management of a normal and abnormal.
- Diagram the Incident Command Structure (ICS) and explain concepts of interdisciplinary roles in various EMS incidents.
- Integrate awareness and management of Hazardous Materials incidents, bioterrorism, WMD, and mass casualty incidents.
- Outline care which may include out-of-classroom education in high angle rescue, swift water rescue, paramedic course, aeromedicine, and ongoing field assessment.

### Course Outline

- Trauma
- Pharmacology
- Cardiology
- Medical Emergencies
- Special Patient Populations

## Assignments & Assessments

### Instructor Resources

Lesson Plan: Lesson 49

Lecture Outline: Chapter 18

Role Play Handout: Lesson 49

Challenge Scenario 1: Lesson 49

Challenge Scenario 2: Lesson 49

Scenario Role Cards: Lesson 49

### Required Resources

Lesson Guide: Lesson 49

Chapter 18 Cardiovascular Emergencies: Introduction through Patient Assessment, pages 1159-1168; • Pathophysiology, Assessment, and Management of Specific

Cardiovascular Conditions, pages 1249-1282

Watch the Following Videos:

Heart Attack in 30 Animation

The Cardiovascular Physical Assessment/Examination

Lesson 49 Handout Assignments

Coronary Artery Occlusion Diagram: Lesson 49

Heart Failure Diagram: Lesson 49

Differential Mind Maps: Lesson 49

### Recommended Resources

Slides: Chapter 18 (Slides 2-37 and 223-338)

Review: • Lesson 8: The Cardiovascular System, Part 1 • Lesson 9: The

Cardiovascular System, Part 2

Heart Attack (Myocardial Infarction) Pathophysiology

What is Heart Failure?

Pulmonary Embolism Part 1 (Overview)

Student-Facilitated Scenario Handout: Lesson 49

Interactive Lecture: Chapter 18

Lesson 49 Quiz

ACS MEDS.pptx

### Instructor Resources

Lesson Plan: Lesson 44

Think, Find, Ask Handout: Lesson 44

Challenge Scenario: Lesson 44

Lecture Outline: Chapter 13 (Section VIII, Parts C & D)

### Required Resources

Lesson Guide: Lesson 44

Chapter 13 Principles of Pharmacology: pg 768-776

View the following videos:

Pharmacology: Antiarrhythmic Drugs (Made Easy)

Pharmacology: Hypertension and Anti hypertensives (Made

Easy)

Antiarrhythmics: Circulatory System and Disease

Lesson 44 Cardiac Drug Sheets

Cardiac Drug Sheets: Lesson 44

Graphic Organizer: Lesson 44

Lesson 44 Cardiac Drug Filing Cabinet

Filing Cabinet Instructions: Lesson 44

Antidysrhythmics Filing Cabinet Handout: Lesson 44

Antidysrhythmics Answer Key: Lesson 44

Antihypertensives Filing Cabinet Handout: Lesson 44

Antihypertensives Answer Key: Lesson 44

Lesson 44 Cardiac Drug Flash Cards

Cardiac Drugs Flashcards: Lesson 44

Lesson 44: Create Your Own Memory Aid

Scenario Role Cards: Lesson 44

Student-Facilitated Scenario Handout: Lesson 44

Lesson 44 Self Assessment

### Recommended Resources

Slides: Chapter 13, 116-144

Lesson 44 In-Class Quiz

### Instructor Resources

Lesson Plan: Lesson 46

Think, Find, Ask Handout: Lesson 46

Challenge Scenario: Lesson 46

Lecture Outline: Chapter 13 (Section VIII, Parts E7-10)

### Required Resources

Lesson Guide: Lesson 46

Chapter 13 Principles of Pharmacology, pg 779-781

(Tranexamic Acid through

Fibrinolytics)

Chapter 42 Obstetrics

Watch the following videos:

Coagulation Cascade: Human Anatomy and Physiology

Estrogen: Reproductive System Physiology

Heart Attack (Myocardial Infarction) Medications

Pharmacology: Anticoagulants and Anti platelet Drugs (Made

Easy)

Review the Following:

AHA Guidelines for ACS Management

Lesson 46 ACS & OB Drug Sheets

ACS & OB Drug Sheets: Lesson 46

Graphic Organizer: Lesson 46

Lesson 46 ACS Filing Cabinet

Filing Cabinet Instructions: Lesson 46

ACS Drugs Filing Cabinet Handout: Lesson 46

ACS Drugs Answer Key: Lesson 46

OB Drugs Filing Cabinet Handout: Lesson 46

OB Drugs Answer Key: Lesson 46

## Lesson 46 ACS Drug Flash Cards

ACS and OB Drugs Flashcards: Lesson 46

Lesson 46: Make Your Own Memory Aid (ACS Drugs)

Lesson 46 Self Assessment , V1

Scenario Role Cards: Lesson 46

Recommended Resources

Slides: Chapter 13, #155-159

Slides: Chapter 42

Student -Facilitated Scenario Handout: Lesson 46

Lesson 46 In-Class Quiz

Instructor Resources

Lesson Plan: Lesson SO

Casino Cards: Lesson SO

Sort It Cards: Action Potential: Lesson SO

Sort It Cards: Contiguous Leads: Lesson SO

Sort It Cards: ECG Components: Lesson SO

Sort It Cards: Heart Rates: Lesson SO

Ion Tango Role Cards: Lesson SO

Challenge Scenario: Lesson SO

Required Resources

Lesson Guide: Lesson SO

Chapter 18 Cardiovascular Emergencies: pgs. 1168-1190

Watch the Following Videos

Electrical System of the Heart

Action Potentials in Pacemaker Cells: Circulatory System Physiology

Autonomic Nervous System Effects on the Heart

Review the following:

Skill Drills: Chapter 18

Skill Evaluation Sheets: Chapter 18

Lecture Outline: Chapter 18

Lesson SO Build It Assignment

Recommended Resources

Slides: Chapter 18, #38-88

Scenario Role Cards: Lesson SO

Student- Facilitated Scenario Handout: Lesson SO

Instructor Resources

Lesson Plan: Lesson 51

Sort It Cards: ECG Rhythms: Lesson 51

Sort It Cards: Dysrhythmia Treatment : Lesson 51

Challenge Scenario: Lesson 51

Lecture Outline: Chapter 18, Section IV, Parts J-P

Required Resources

Lesson Guide: Lesson 51

Chapter 18 Cardiovascular Emergencies: pgs 1190-1232

(Cardiac Dysrhythmias through

Artificial Pacemaker Rhythms)

Watch the following video:

Electrocardioversion: Circulatory System and Disease

## Lesson 51 Assignments

Graphic Organizer: Cardiac Rhythms: Lesson 51

Graphic Organizer: Hs and Ts: Lesson 51

Skill Evaluation Sheets: Chapter 18

Skill Drills: Chapter 18

Lesson 51 Self Assessment

Recommended Resources

Slides: Chapter 18, # 89-183

Student -Facilitated Scenario Handout: Lesson 51

Scenario Role Cards: Lesson 51

Lesson 51 In-Class Quiz

Instructor Resources

Lesson Plan: Lesson 52

Sort It Cards: Lesson 52

12-Lead ECG Interpretation PowerPoint: Lesson 52

Challenge Scenario 1: Lesson 52

Challenge Scenario 2: Lesson 52

Lecture Outline: Chapter 18, Section V

Required Resources

Lesson Guide: Lesson 52

Chapter 18 Cardiovascular Emergencies, pgs. 1232-1249

Watch the following videos:

Introduction to 12-Lead ECG Interpretation

Ischemia, Infarction, and the Waveforms Q through U, Part 1

Ischemia, Infarction, and the Waveforms Q through U, Part 2

Lesson 52 Assignments

Graphic Organizer: Axis Changes : Lesson 52

Graphic Organizer: Leads and Reciprocal Changes: Lesson 52

Skill Evaluation Sheets: Chapter 18

Skill Drills: Chapter 18

Lesson 52 Self Assessment

Recommended Resources

Slides: Chapter 18, #184-223

Student-Facilitated Scenario Handout: Lesson 52

Scenario Role Cards: Lesson 52

Lesson 52 In-Class Quiz

Interactive Lecture: Chapter 18

Instructor Resources

Lesson Plan: Lesson 53

Justify the Intervention Handout: Lesson 53

Hs and Ts Challenge Handout: Lesson 53

ACLS Challenge Handout: Lesson 53

ACLS Challenge Cards: Lesson 53

Challenge Scenario 1: Lesson 53

Challenge Scenario 2: Lesson 53

Lecture Outline: Chapter 40

Lecture Outline: Chapter 41  
 Required Resources  
 Lesson Guide: Lesson 53  
 Chapter 40 Responding to the Field Code  
 Chapter 41 Management and Resuscitation of the Critical Patient  
 Virtual Ride-Along Video: Cardiac Arrest  
 Review: ACLS 2021 Algorithm  
 Skill Drills: Chapter 40  
 Skill Evaluation Sheets: Chapter 40  
 Student-Facilitated Scenario Handout: Lesson 53  
 Scenario Role Cards: Lesson 53  
 Interactive Lecture: Chapter 40  
 Interactive Lecture: Chapter 41  
 AHAACLS PreCourse Work  
 Lesson 53 Self Assessment  
 Recommended Resources  
 Slides: Chapter 40  
 Slides: Chapter 41  
 Case Studies: Chapter 40  
 Case Studies: Chapter 41  
 Assessment in Action: Chapter 40  
 Assessment in Action: Chapter 41  
 Flashcards: Chapter 40  
 Flashcards: Chapter 41  
 Lesson 53 In-Class Quiz  
 Cardiology Fisdap Prep Quiz  
 Instructor Resources  
 Lesson Plan: Lesson 43  
 Respiratory Drug Cards: Lesson 43  
 Think, Find, Ask Handout: Lesson 43  
 Challenge Scenario: Lesson 43  
 Lecture Outline: Chapter 13, Section VIII, Part B  
 Required Resources  
 Lesson Guide: Lesson 43  
 Chapter 13 Principles of Pharmacology, pg 767-768  
 View the following videos:  
 Respiratory Drugs: Memorization Tips for Nursing Students  
 Metered-Dose Inhaler (MDI) Demonstration Without Spacer  
 Nursing  
 Metered-Dose Inhaler (MDI) Demonstration With Spacer  
 Nursing  
 EMT Nebulized Albuterol  
 Nebulized Drug Administration  
 Lesson 43 Respiratory Drug Sheets  
 Respiratory Drug Sheets: Lesson 43  
 Graphic Organizer: Lesson 43

Lesson 43 Respiratory Drug Filing Cabinet  
 Filing Cabinet Instructions: Lesson 43  
 Respiratory Drugs Filing Cabinet Handout: Lesson 43  
 Respiratory Drugs Answer Key: Lesson 43  
 Lesson 43 Respiratory Drug Flash Cards  
 Respiratory Drugs Flashcards: Lesson 43  
 Lesson 43: Make Your Own Memory Aid  
 Lesson 43 Self Assessment  
 Recommended Resources  
 Slides: Chapter 13, #111-115  
 Student-Facilitated Scenario Handout: Lesson 43  
 Scenario Role Cards: Lesson 43  
 Lesson 43 In-Class Quiz  
 Instructor Resources  
 Lesson Plan: Lesson 54  
 Draw It, Act It, Tell It Cards: Lesson 54  
 Name That Respiratory Pattern Handout : Lesson 55  
 Challenge Scenario 1: Lesson 54  
 Challenge Scenario 2: Lesson 54  
 Lecture Outline: Chapter 19  
 Required Resources  
 Lesson Guide: Lesson 54  
 Chapter 19 Neurologic Emergencies  
 View the following videos:  
 Glasgow Coma Scale at 40  
 A Guide to Seizure Management for Emergency Medical Responders  
 What Happens During a Seizure? (watch from 2:40 to 5:40)  
 Virtual Ride-Along Video: Seizure  
 Student-Facilitated Scenario Handout; Lesson 54  
 Scenario Role Cards: Lesson 54  
 Recommended Resources  
 Slides: Chapter 19  
 Case Studies: Chapter 19  
 Assessment in Action: Chapter 19  
 Flashcards: Chapter 19  
 Consider reviewing: Primary Assessment (Table 11-3, p. 601),  
 History  
 Taking, Neurologic (p. 628), Secondary Assessment,  
 Nervous  
 System (pp.  
 681-687)  
 Consider reviewing the Nervous System portion of Chapter 8,  
 pp. 340-  
 376, paying special attention to anatomy and functions of  
 the brain,  
 spinal cord, and cranial vault.

Consider watching the following videos:

The Functions of the Cranial Nerves

One Minute Cranial Nerve Exam

Fluent Aphasia (Wernicke's Aphasia)

Bell's Palsy: Causes, Symptoms, Diagnosis, Treatment, Pathology

Unexplained Tonic Clonic Seizures (watch from 2:00 to 6:00)

Interactive Lecture: Chapter 19

Lesson 54: Glasgow Coma Score Study Discussion

Lesson 54: AEIOUTIPS Assignment

Lesson 54 Self Assessment

Lesson 54 In-Class Quiz

Instructor Resources

Lesson Plan: Lesson 45

Think, Find, Ask Handout: Lesson 45

Nervous System Drug Cards: Lesson 45

Challenge Scenario: Lesson 45

Required Resources

Lesson Guide: Lesson 45

Chapter 13 Principles of Pharmacology: 761-767, 781-782, 784-786 (Meds: airway management, neurological conditions, misc. prehospital setting)

View the following videos:

Pharmacology: Autonomic Nervous System (Made Easy)

Pharmacology: Anticholinergics and Neuromuscular

Blocking Agents (Made Easy)

Pharmacology: Opioids (Made Easy)

Pharmacology: Antiepileptic Drugs (Made Easy)

Lesson 45 Neurologic Drug Sheets

Nervous System Drug Sheets: Lesson 45

Graphic Organizer: Lesson 45

Lesson 45 Neurologic Drug Filing Cabinet

Filing Cabinet Instructions: Lesson 45

ANS Drugs Filing Cabinet Handout: Lesson 45

ANS Drugs Answer Key: Lesson 45

CNS Depressants Filing Cabinet Handout: Lesson 45

CNS Depressants Answer Key: Lesson 45

Paralytics Filing Cabinet Handout: Lesson 45

Paralytics Answer Key: Lesson 45

Lesson 45 Neurologic Drug Flash Cards

Nervous System Drugs Flashcards: Lesson 45

Lesson 45: Create Your Own Memory Aid

Lesson 45 Self Assessment

Recommended Resources

Slides: Chapter 13

Lecture Outline: Chapter 13

Student -Facilitated Scenario Handout: Lesson 45

Scenario Role Cards: Lesson 45

Lesson 45 In-Class Quiz

Instructor Resources

Lesson Plan: Lesson 61

Casino Cards: Lesson 61

Lecture Outline: Chapter 25

Required Resources

Lesson Guide: Lesson 61

Chapter 25 Hematologic Emergencies

View the following videos:

Hematocrit Measurement

Blood Types Explained: Blood Groups (ABO) and RH Factor

Blood Transfusion Procedure Nursing: Reaction Types, Complications

Student -Facilitated Scenario Handout: Lesson 61

Scenario Role Cards: Lesson 61

Interactive Lecture: Chapter 25

Lesson 61 Self-Assessment

Recommended Resources

Slides: Chapter 25

Case Studies: Chapter 25

Assessment in Action: Chapter 25

Flashcards: Chapter 25

Instructor Resources

Lesson Plan: Lesson 55

Escape Room Clue Cards: Lesson 55

Escape Room Eye Chart: Lesson 55

Escape Room Matching Cards: Lesson 55

Escape Room Graphic Organizer: Lesson 55

Escape Room Anaphylaxis Handout: Lesson 55

Challenge Scenario 1: Lesson 55

Challenge Scenario 2: Lesson 55

Challenge Scenario 3: Lesson 55

Sort It Cards: Lesson 55

Lecture Outline: Chapter 26

Lecture Outline: Chapter 39: Section IX

Required Resources

Lesson Guide: Lesson 55

Chapter 26 Immunologic Emergencies

Chapter 39 Environmental Emergencies: p. 2213-2222 (Envenomation sections)

Watch the following videos:

Virtual Ride-Along Video: Allergic Reaction

Patient Assessment: Allergic Reaction

Interactive Lecture: Chapter 26

Student-Facilitated Scenario Handout: Lesson 55

Scenario Role Cards: Lesson 55

Recommended Resources

Slides: Chapter 26

Slides: Chapter 39 - #166-206  
 Case Studies: Chapter 26  
 Assessment in Action: Chapter 26  
 Flashcards: Chapter 26  
 Instructor Resources  
 Lesson Plan: Lesson 56  
 Environmental Emergencies Graphic Organizer: Lesson 56  
 Challenge Scenario: Lesson 56  
 Lecture Outline: Chapter 39: Sections I-VIII  
 Required Resources  
 Lesson Guide: Lesson 56  
 Chapter 39 Environmental Emergencies: 2169-2213, 2222-2231 (minus envenomation section)  
 Read the following articles:  
 Exertional Heat Illness in Adolescents and Adults: Management and Prevention  
 Considerations When Assessing and Treating Patients with  
 Lightning Injuries  
 Student-Facilitated Scenario Handout: Lesson 56  
 Scenario Role Cards: Lesson 56  
 Interactive Lecture: Chapter 39  
 Lesson 55-56 Quiz  
 Recommended Resources  
 Slides: Chapter 39 - #1-166  
 Case Studies: Chapter 39  
 Assessment in Action: Chapter 39  
 Flashcards: Chapter 39  
 Instructor Resources  
 Lesson Plan: Lesson 59  
 Sort It Cards: Chapter 59  
 Challenge Scenario: Lesson 59  
 Lecture Outline: Chapter 27  
 Required Resources  
 Lesson Guide: Lesson 59  
 Review: Interim Infection Prevention and Control Recommendations for Healthcare Personnel During the Coronavirus Disease 2019 (COVID-19) Pandemic  
 Read: Chapter 27 Infectious Diseases  
 CDC Vital Signs: Stop the Spread of Antibiotic Resistance  
 Demonstration of Donning (Putting On) Personal Protective Equipment (PPE)  
 Demonstration of Doffing (Taking Off) Personal Protective Equipment (PPE)  
 Student-Facilitated Scenario Handout: Lesson 59

Scenario Role Cards: Lesson 59  
 Interactive Lecture: Chapter 27  
 Lesson 59 Self Assessment  
 Recommended Resources  
 Slides: Chapter 27  
 Case Studies: Chapter 27  
 Assessment in Action: Chapter 27  
 Flashcards: Chapter 27  
 Lesson 59 In-Class Quiz  
 Instructor Resources  
 Lesson Plan: Lesson 63  
 Hallucination Cards: Lesson 63  
 Challenge Scenario 1: Lesson 63  
 Challenge Scenario 2: Lesson 63  
 Challenge Scenario 3: Lesson 63  
 Required Resources  
 Lesson Guide: Lesson 63  
 View the following videos:  
 A Brief History of Mental Illness Treatment  
 Categories of Mental Disorders  
 Read the Following:  
 Chapter 29 Psychiatric Emergencies  
 Patient-Centered Communications: Lesson 63  
 View these additional videos:  
 Trauma and the Brain  
 What is Bipolar Disorder?  
 Clinical Depression: What is Depression-Depression Symptoms and Treatment Options  
 Donald Lewis: Killed by Excited Delirium or West Pal Beach Police? (Watch only the first 7 minutes; this demonstrates the dangers of improper restraint of a patient with excited delirium)  
 Virtual Ride-Along Video: Psychiatric Emergency  
 Read: How the Brain Can Hear Voices That Don't Exist  
 Practice: The LA PTSD Checklist  
 Skill Evaluation Sheets: Chapter 29  
 Skill Drills: Chapter 29  
 Student-Facilitated Scenario Handout: Lesson 63  
 Scenario Role Cards: Lesson 63  
 Interactive Lecture: Chapter 29  
 Lesson 63 Self Assessment  
 Recommended Resources  
 Slides: Chapter 29  
 Lecture Outline: Chapter 29  
 Case Studies: Chapter 29  
 Assessment in Action: Chapter 29  
 Flashcards: Chapter 29  
 Lesson 63 In-Class Quiz  
 Instructor Resources

Lesson Plan: Lesson 58  
Sort It Cards: Lesson 58  
Challenge Scenario: Lesson 58  
Lecture Outline: Chapter 28  
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Lesson Guide: Lesson 58  
Watch the following video:  
Overview of Psychoactive Drugs: Processing the Environment (Provides a general overview of drugs that are commonly misused).  
Chapter 28 Toxicology  
Watch the following videos:  
Psychoactive Drugs: Depressants and Opiates  
Psychoactive Drugs: Stimulants  
Psychoactive Drugs: Hallucinogens  
Bodycam Shows Cops Save Overdosing Man With Narcan in Florida  
Review & be ready to discuss: Drug Abuse Statistics from the American Addiction Centers  
Lesson 58: Build It Assignment  
Student-Facilitated Scenario Handout: Lesson 58  
Scenario Role Cards: Lesson 58  
Recommended Resources  
Slides: Chapter 28  
Case Studies: Chapter 28  
Assessment in Action: Chapter 28  
Instructor Resources  
Lesson Plan: Lesson 66  
Sort It Cards: Lesson 66  
Lecture Outline: Chapter 20  
Required Resources  
Lesson Guide: Lesson 66  
Chapter 20 Diseases of the Eyes, Ears, Nose, and Throat  
View the following videos:  
How to Perform Otoscopy (Ear Exam)  
Otitis Media, Perforated TM With Bleeding, and Bubbles in the Ear Drum?  
Fundoscopy in 5 Min  
Interactive Lecture: Chapter 20  
Lesson 66 Self Assessment  
Student-Facilitated Scenario Handout: Lesson 66  
Scenario Role Cards: Lesson 66  
Recommended Resources  
Slides: Chapter 20  
Case Studies: Chapter 20  
Assessment in Action: Chapter 20

Flashcards: Chapter 20  
Lesson 66 In-Class Quiz  
Instructor Resources  
Lesson Plan: Lesson 60  
Casino Cards: Lesson 60  
Challenge Scenario 1: Lesson 60  
Challenge Scenario 2: Lesson 60  
Lecture Outline: Chapter 24  
Required Resources  
Lesson Guide: Lesson 60  
Read: Chapter 24 Endocrine Emergencies  
View the following videos:  
Endocrine Gland Hormone Review: Endocrine System Physiology  
Diabetes Mellitus (Type 1, Type 2.) and Diabetes Ketoacidosis (OKA)  
Thyroid Storm  
Addison's Crisis - Adrenal Crisis  
Interactive Lecture: Chapter 24  
Lesson 60 Self Assessment  
Student -Facilitated Scenario Handout: Lesson 60  
Scenario Role Cards: Lesson 60  
Recommended Resources  
Slides: Chapter 24  
Case Studies: Chapter 24  
Assessment in Action: Chapter 24  
Flashcards: Chapter 24  
Lesson 60 In-Class Quiz  
Instructor Resources  
Lesson Plan: Lesson 47  
Think, Find, Ask Handout: Lesson 47  
Drug Cards: Lesson 47  
Challenge Scenario: Lesson 47  
Required Resources  
Lesson Guide: Lesson 47  
Chapter 13 Principles of Pharmacology: 782-783 (GI Meds), 784-786 (Misc. Prehospital Meds)  
Watch the following videos:  
What Is Diabetes Mellitus? Endocrine System Diseases  
Pharmacology: Antiemetics  
Pharmacology: Diabetes Medication  
Pharmacology: Drugs for Diabetes (Made Easy)  
Lesson 47 Diabetic and Antiemetic Drug Sheets  
Drugs for Diabetes and Antiemetics Drug Sheets: Lesson 47  
Graphic Organizer: Lesson 47  
Lesson 47 Diabetic and Antiemetic Drug Filing Cabinet

Filing Cabinet Instructions: Lesson 47  
 Drugs for Diabetes Filing Cabinet Handout: Lesson 47  
 Drugs for Diabetes Answer Key: Lesson 47  
 Antiemetics Filing Cabinet Handout: Lesson 47  
 Antiemetics Answer Key: Lesson 47  
 Lesson 47 Diabetic & Antiemetic Drug Flash Cards  
 Drugs for Diabetes and Antiemetics Flashcards: Lesson 47  
 Lesson 47: Make Your Own Memory Aid  
 Lesson 47 Self -Assessment  
 Recommended Resources  
 Slides: Chapter 13  
 Scenario Role Cards: Lesson 47  
 Student-Facilitated Scenario Handout: Lesson 47  
 Lesson 47 In-Class Quiz  
 Instructor Resources  
 Lesson Plan: Lesson 62  
 Casino Cards: Lesson 62  
 Challenge Scenario: Lesson 62  
 Lecture Outline: Chapter 21  
 Lecture Outline: Chapter 22  
 Required Resources  
 Lesson Guide: Lesson 62  
 Chapter 21 Abdominal and Gastrointestinal Emergencies  
 Chapter 22 Genitourinary and Renal Emergencies  
 View the following videos:  
 Gastrointestinal Bleed  
 EMS Quick Study Tips: Abdominal Emergencies  
 Abdominal Examination - OSCE Guide  
 Hemodynamic and Renal Emergencies  
 Virtual Ride-Along Video: GI Bleed  
 Interactive Lecture: Chapter 21  
 Interactive Lecture: Chapter 22  
 Lesson 62 Self-Assessment  
 Student -Facilitated Scenario Handout: Lesson 62  
 Scenario Role Cards: Lesson 62  
 Recommended Resources  
 Slides: Chapter 21  
 Slides: Chapter 22  
 Case Studies: Chapter 21  
 Case Studies: Chapter 22  
 Assessment in Action: Chapter 21  
 Assessment in Action: Chapter 22  
 Flashcards: Chapter 21  
 Flashcards: Chapter 22  
 Lesson 61 & 62 In-Class Quiz  
 Instructor Resources  
 Lesson Plan: Lesson 57  
 Challenge Scenario: Lesson 57  
 Lecture Outline: Chapter 28

Required Resources  
 Lesson Guide: Lesson 57  
 Chapter 28 Toxicology  
 Watch the following videos:  
 Emergency Medicine - Approach to Poisoning  
 Toxicology - The National Emergency Medicine Board  
 Review Course  
 Cannabis Use Disorder - Causes, Symptoms, Diagnosis, Treatment, Pathology  
 Cyanide Poisoning USMLE Toxicology  
 Toxidromes - Vital Signs and Toxic Syndromes  
 Cholinergic and Anticholinergic Toxicity (Toxidrome)  
 Sympathomimetic Toxidrome - The Tox Series  
 Opioid Toxidrome - The Tox Series  
 Student-Facilitated Scenario Handout: Lesson 57  
 Scenario Role Cards: Lesson 57  
 Interactive Lecture: Chapter 28  
 Lesson 57-58 Self Assessment  
 Recommended Resources  
 Slides: Chapter 28  
 Case Studies: Chapter 28  
 Flashcards: Chapter 28  
 Lesson 57 and 58 In-Class Quiz  
 Instructor Resources  
 Lesson Plan: Lesson 48  
 Think, Find, Ask Handout: Lesson 48  
 Challenge Scenario: Lesson 48  
 Lecture Outline: Chapter 13: Section VIII, Part H  
 Required Resources  
 Lesson Guide: Lesson 48  
 Chapter 13 Principles of Pharmacology: 784-786 (Misc. Meds: special attention - calcium preparations, glucagon, sodium bicarbonate)  
 Watch the Following Videos  
 Calcium Channel Blockers (CCB) Toxicology: EM in 5  
 TCA Toxicity  
 Narcan Administration Training for Opiate Overdose  
 Overview of Fluid and Electrolyte Physiology  
 Lesson 48 Toxicological and Antidote Drug Sheets  
 Graphic Organizer: Lesson 48  
 Antidotes Drug Sheets: Lesson 48  
 Lesson 48 Toxicological & Antidote Drug Filing Cabinet  
 Filing Cabinet Instructions: Lesson 48  
 Antidotes Filing Cabinet Handout: Lesson 48  
 Antidotes Answer Key: Lesson 48  
 Lesson 48 Toxicological & Antidote Drug Flash Cards  
 Antidotes Flashcards: Lesson 48  
 Lesson 48: Make Your Own Memory Aid  
 Lesson 48 Self-Assessment



Student-Facilitated Scenario Handout: Lesson 48  
 Scenario Role Cards: Lesson 48  
 Recommended Resources  
 Slides: Chapter 13  
 Lesson 48 In-Class Quiz  
 Instructor Resources  
 Lesson Plan: Lesson 65  
 Communication Cards: Lesson 65  
 Required Resources  
 Lesson Guide: Lesson 65  
 Chapter 46 Patients With Special Challenges  
 Skill Evaluation Sheets: Chapter 46  
 Skill Drill s: Chapter 46  
 View the following videos:  
 Autism - First Responder Access and Functional Needs  
 How to Do an Emergency Trach Change  
 First Responder Communication With Deaf and Hard of Hearing Citizens  
 Failing Kidneys and Different Treatment Options  
 Catheterization - OSCE Guide  
 Foley Catheter Insertion  
 Review basic phrases and medical Signs from the Basic American Sign Language for the Medical Professional website in preparation for class  
 Interactive Lecture: Chapter 46  
 Lesson 65 Self Assessment  
 Student -Facilitated Scenario Handout: Lesson 65  
 Scenario Role Cards: Lesson 65  
 Recommended Resources  
 Slides: Chapter 46  
 Case Studies: Chapter 46  
 Assessment in Action: Chapter 46  
 Flashcards: Chapter 46  
 Lesson 65 In-Class Quiz  
 Instructor Resources  
 Lesson Plan: Lesson 64  
 AOL Activity Cards: Lesson 64  
 Geriatric Emergencies Trivia PowerPoint: Lesson 64  
 Challenge Scenario 1: Lesson 64  
 Challenge Scenario 2: Lesson 64  
 Lecture Outline: Chapter 45  
 Required Resources  
 Lesson Guide: Lesson 64  
 Chapter 45 Geriatric Emergencies  
 Watch the following videos:  
 Why Do Our Bodies Age?  
 Aging and Cognitive Abilities: Processing the Environment (MCAT, Khan Academy)  
 What Does It Feel Like to Be Old and Alone?

Student-Facilitated Scenario Handout: Lesson 64  
 Interactive Lecture: Chapter 45  
 Lesson 64 Self Assessment  
 Scenario Role Cards: Lesson 64  
 Recommended Resources  
 Slides: Chapter 4 5  
 Case Studies: Chapter 45  
 Assessment in Action: Chapter 45  
 Flashcards: Chapter 45  
 Lesson 64 In-Class Quiz  
 Instructor Resources  
 Lesson Plan: Lesson 67  
 Anatomy Labeling Challenge Handout: Lesson 67  
 Reproductive System Flashcards: Lesson 67  
 Lecture Outline: Chapter 8 - Section XIX  
 Required Resources  
 Lesson Guide: Lesson 67  
 Chapter 8 Anatomy and Physiology: pg 41-461  
 View the following videos:  
 Reproductive System, Part 1 - Female Reproductive System:  
 Crash Course A&P #40  
 Reproductive System, Part 2 - Male Reproductive System:  
 Crash Course A&P #41  
 How Menstruation Works - Emma Bryce  
 Recommended Resources  
 Slides: Chapter 8, #322-344  
 Lesson 67 Build It Assignment  
 Instructor Resources  
 Lesson Plan: Lesson 68  
 Casino Cards: Lesson 68  
 Draw It, Act It, Tell It Cards: Lesson 68  
 Challenge Scenario 1: Lesson 68  
 Challenge Scenario 2: Lesson 68  
 Lecture Outline: Chapter 23  
 Lecture Outline: Chapter 42  
 Required Resources  
 Lesson Guide: Lesson 68  
 1st: Listen to the podcasts accessed via the lesson guide  
 View the video: Incredible Footage and It's a Girl!  
 Chapter 23 Gynecologic Emergencies  
 Chapter 42 Obstetrics  
 Complete the Graphic Organizer: Lesson 68  
 Prepare for skills review by watching the following videos:  
 How to Deliver a Baby in Breech Presentation  
 Umbilical Cord Prolapse  
 Prolapse Cord  
 PROMPT Shoulder Dystocia Training  
 Shoulder Dystocia Medical Animation

Maneuvers for Shoulder Dystocia  
 Student -Facilitated Scenario Handout: Lesson 68  
 Scenario Role Cards: Lesson 68  
 Interactive Lecture: Chapter 23  
 Interactive Lecture: Chapter 42  
 Lesson 68 Self Assessment  
 Recommended Resources  
 Slides: Chapter 23  
 Slides: Chapter 42  
 Case Studies: Chapter 23  
 Case Studies: Chapter 42  
 Assessment in Action: Chapter 23  
 Assessment in Action: Chapter 42  
 Flashcards: Chapter 23  
 Flashcards: Chapter 42  
 Lesson 68 In-Class Quiz  
 Instructor Resources  
 Lesson Plan: Lesson 46  
 Think, Find, Ask Handout: Lesson 46  
 Challenge Scenario: Lesson 46  
 Lecture Outline: Chapter 13 (Section VIII, Parts E7-10)  
 Required Resources  
 Lesson Guide: Lesson 46  
 Chapter 13 Principles of Pharmacology, pg 779-781  
 (Tranexamic Acid through  
 Fibrinolytics)  
 Chapter 42 Obstetrics: Emergency Pharmacology Section,  
 pg  
 2355-2356)  
 Watch the following videos:  
 Coagulation Cascade: Human Anatomy and Physiology  
 Pharmacology: Anticoagulants and Anti platelet Drugs  
 (Made  
 Easy)  
 Estrogen: Reproductive System Physiology  
 Heart Attack (Myocardial Infarction) Medications  
 Review the Following:  
 AHA Guidelines for ACS Management  
 Lesson 46 ACS & OB Drug Sheets  
 ACS & OB Drug Sheets: Lesson 46  
 Graphic Organizer: Lesson 46  
 Lesson 46 OB Drugs Filing Cabinet  
 ACS Drugs Filing Cabinet Handout: Lesson 46  
 ACS Drugs Answer Key: Lesson 46  
 OB Drugs Filing Cabinet Handout: Lesson 46  
 OB Drugs Answer Key: Lesson 46  
 Lesson 46 OB Drug Flash Cards  
 ACS and OB Drugs Flashcards: Lesson 46

Lesson 46 Drug Video or Memory Aid Discussion (OB  
 Drugs)  
 Scenario Role Cards: Lesson 46  
 Slides: Chapter 13, #155-159  
 Slides: Chapter 42  
 Lecture Outline: Chapter 42  
 Student-Facilitated Scenario Handout: Lesson 46  
 Lesson 46 Self Assessment  
 Instructor Resources  
 Lesson Plan: Lesson 70  
 Casino Cards: Lesson 70  
 Childhood Diseases Flashcards: Lesson 70  
 Lecture Outline: Chapter 44  
 Required Resources  
 Lesson Guide: Lesson 70  
 Chapter 44 Pediatric Emergencies  
 Watch the following videos:  
 Pediatric Assessment Triangle  
 Recognizing Respiratory Distress  
 First Response, Helping the Victims of SIDS  
 Skill Drills: Chapter 44  
 Skill Evaluation Sheets: Chapter 44  
 Interactive Lecture: Chapter 44  
 Lesson 70 Self Assessment  
 Student-Facilitated Scenario Handout: Lesson 70  
 Scenario Role Cards: Lesson 70  
 Recommended Resources  
 Slides: Chapter 44  
 Case Studies: Chapter 44  
 Assessment in Action: Chapter 44  
 Flashcards: Chapter 44  
 Lesson 70 In-Class Quiz  
 Instructor Resources  
 Lesson Plan: Lesson 69  
 Casino Cards: Lesson 69  
 Draw It, Act It, Tell It Cards: Lesson 69  
 Challenge Scenario 1: Lesson 69  
 Challenge Scenario 2: Lesson 69  
 Lecture Outline: Chapter 43  
 Required Resources  
 Lesson Guide: Lesson 69  
 Watch the following videos:  
 Fetal Circulation Right Before Birth  
 Umbilical Vein Cannulation Training  
 Chapter 43 Neonatal Care  
 Watch the following videos:  
 Neonatologist's Intubation Made Easy  
 Neonatal Resuscitation Simulation  
 Lesson 69 Graphic Organizer

Graphic Organizer: Lesson 69  
Skill Evaluation Sheets: Chapter 43  
Skill Drill s: Chapter 43  
Interactive Lecture: Chapter 43  
Student -Facilitated Scenario Handout: Lesson 69  
Scenario Role Cards: Lesson 69  
Recommended Resources  
Slides: Chapter 43  
Case Studies: Chapter 43  
Assessment in Action: Chapter 43  
Flashcards: Chapter 43  
Lesson 69 In-Class Quiz  
Instructor Resources  
Lesson Plan: Lesson 30  
Scope of t he Trauma Problem Flashcards: Lesson 30  
Phases of Trauma Care Graphic Organizer: Lesson 30  
Golden Hour Flashcards: Lesson 30  
Trauma Lethal Triad Diagram: Lesson 30  
Trauma Centers Graphic Organizer: Lesson 30  
Sort It Cards: Lesson 30  
Required Resources  
Lesson Guide: Lesson 30  
Chapter 30 Trauma Systems and Mechanism of Injury  
View the following videos:  
Guided Note Taking Handout: Lesson 30  
Point of View Perspective of a Trauma Patient  
Trauma Triad of Death  
Shock Truama Center Virtual Tour  
Lesson Olbj ectives: Lesson 30  
Student-Facilitated Scenario Handout: Lesson 30  
Scenario Role Cards: Lesson 30  
Lesson 30 Paramedic Interview Assignment  
Interactive Lecture: Chapter 30  
Recommended Resources  
Slides: Chapter 30  
Lecture Outline: Chapter 30  
Case Studies: Chapter 30  
Assessment in Action: Chapter 30  
Flashcards: Chapter 30  
Instructor Resources  
Lesson Plan: Lesson 31  
Challenge Scenario: Lesson 31  
Required Resources  
Lesson Guide: Lesson 31  
Chapter 30 Trauma Systems and Mechanism of Injury  
View the following videos:  
Understanding Car Crashes: When Physics Meets Biology  
The Physics of Car Crashes  
Kinetic Energy of Metallic Ball

Virtual Ride-Along Video: Motorcycle Crash  
Student -Facilitated Scenario Handout: Lesson 31  
Scenario Role Cards: Lesson 31  
Lessons 30-31 Self Assessment  
Lessons 30-31 In-Class Quiz  
Instructor Resources  
Lesson Plan: Lesson 32  
Sort It Cards: Lesson 32  
Challenge Scenario: Lesson 32  
Required Resources  
Lesson Guide: Lesson 32  
Chapter 30 Trauma Systems and Mechanism of Injury:  
Read  
pages 1799-1804  
Read: PHTLS pgs. 33-38, 167-197  
Watch the following videos:  
Rapid Trauma Assessment  
Trauma Assessment Step by Step - Part 1  
Trauma Assessment Step by Step - Part 2  
Trauma Assessment Final  
Virtual Ride-Along Video: Assault  
Lesson 32 Trauma Scenarios Assignment  
Trauma Scenarios Handout: Lesson 32  
Student-Facilitated Scenario Handout: Lesson 32  
Scenario Role Cards: Lesson 32  
Instructor Resources  
Lesson Plan: Lesson 33  
Required Resources  
Lesson Guide: Lesson 33  
Chapter 9 Pathophysiology, Read pages 489-494, 504-509,  
518-523  
Chapter 31 Bleeding  
Watch the following videos:  
Israeli Bandage Demonstration  
Combat Application Tourniquet (C-A-T) Instructions  
Humeral EZ-10 Insertion, Official Method  
Wound Packing Topical Hemostaitic Agents  
Estimating Blood Loss  
PHTLS: Wound Packing Topical Hemostatic Agents  
Skill Evaluation Sheets: Chapter 31  
Skill Drill s: Chapter 31  
Interactive Lecture: Chapter 31  
Lesson 33 Self Assessment  
Student-Facilitated Scenario Handout: Lesson 33  
Scenario Role Cards: Lesson 33  
Recommended Resources  
Slides: Chapter 31  
Lecture Outline: Chapter 31  
Case Studies: Chapter 31

Assessment in Action: Chapter 31  
 Flashcards: Chapter 31  
 Lesson 33 In-Class Quiz  
 Instructor Resources  
 Lesson Plan: Lesson 35  
 Anatomy or Random Latin Word Cards: Lesson 35  
 Required Resources  
 Lesson Guide: Lesson 35  
 Review Chapter 8 Anatomy and Physiology: pp. 318-323  
 (anatomy of skull), 391-392  
 (platelets and blood clotting).  
 Chapter 34 Face and Neck Trauma  
 Watch the following videos:  
 Facial Fractures 1  
 Slideshare Lecture - Penetrating Neck Injuries  
 Penetrating Neck Trauma Anatomy  
 Difficult Airway - C-Spine Injury  
 Oral Intubation - TNS Trauma Procedure Video Series  
 Interactive Lecture: Chapter 34  
 Lesson 35 Self Assessment  
 Student-Facilitated Scenario Handout: Lesson 35  
 Scenario Role Cards: Lesson 35  
 Recommended Resources  
 Lecture Outline: Chapter 34  
 Case Studies: Chapter 34  
 Assessment in Action: Chapter 34  
 Flashcards: Chapter 34  
 Lesson 35 In-Class Quiz  
 Instructor Resources  
 Lesson Plan: Lesson 37  
 Trauma Flush Handout: Lesson 37  
 Challenge Scenario: Lesson 37  
 Required Resources  
 Lesson Guide: Lesson 37  
 Lesson 37 Pre-Class Assignments  
 Chapter 38 Orthopaedic Trauma  
 Chapter 13 Principles of Pharmacology  
 Skill Evaluation Sheets: Chapter 38  
 Skill Drills: Chapter 38  
 Interactive Lecture: Chapter 38  
 Lesson 37 Self Assessment  
 Student-Facilitated Scenario Handout: Lesson 37  
 Scenario Role Cards: Lesson 37  
 Recommended Resources  
 Slides: Chapter 38  
 Lecture Outline: Chapter 38  
 Case Studies: Chapter 38  
 Assessment in Action: Chapter 38  
 Flashcards: Chapter 38

Lesson 37 In-Class Quiz  
 Instructor Resources  
 Lesson Plan: Lesson 34  
 Pneumothorax Venn Diagram Handout: Lesson 34  
 Chest Injury Venn Diagram Handout : Lesson 34  
 Challenge Scenario 1: Lesson 34  
 Challenge Scenario 2: Lesson 34  
 Lecture Outline: Chapter 36  
 Lecture Outline: Chapter 37  
 Required Resources  
 Lesson Guide: Lesson 34  
 Chapter 36 Chest Trauma  
 Chapter 37 Abdominal and Genitourinary Trauma  
 Tension Pneumothorax  
 Seven Organs You Could Totally Live Without  
 Skill Evaluation Sheets: Chapter 36  
 Skill Drills: Chapter 36  
 Interactive Lecture: Chapter 36  
 Interactive Lecture: Chapter 37  
 Lesson 34 Abdominal Organs Puzzle Prep  
 Lesson 34 Self Assessment  
 Student-Facilitated Scenario Handout: Lesson 34  
 Scenario Role Cards: Lesson 34  
 Recommended Resources  
 Slides: Chapter 36  
 Slides: Chapter 37  
 Case Studies: Chapter 36  
 Case Studies: Chapter 37  
 Assessment in Action: Chapter 36  
 Assessment in Action: Chapter 37  
 Flashcards: Chapter 36  
 Flashcards: Chapter 37  
 Digestive System Anatomy  
 Why We Have Pain and How We Kill It  
 Lesson 34 In-Class Quiz  
 Instructor Resources  
 Lesson Plan: Lesson 38  
 Challenge Scenario: Lesson 38  
 Lecture Outline: Chapter 32  
 Lecture Outline: Chapter 33  
 Student-Facilitated Scenario Handout: Lesson 38  
 Scenario Role Cards: Lesson 38  
 Required Resources  
 Lesson Guide: Lesson 38  
 Chapter 32 Soft-Tissue Trauma  
 Chapter 33 Burns  
 Interactive Lecture: Chapter 32  
 Interactive Lecture: Chapter 33  
 Lesson 38 Self Assessment

## Recommended Resources

Slides: Chapter 32

Slides: Chapter 33

Case Studies: Chapter 32

Case Studies: Chapter 33

Assessment in Action: Chapter 32

Assessment in Action: Chapter 33

Flashcards: Chapter 32

Flashcards: Chapter 33

Lesson 38 In-Class Quiz

Instructor Resources

Lesson Plan: Lesson 40

Challenge Scenario: Lesson 40

Required Resources

Lesson Guide: Lesson 40

Read the following:

Silent But Deadly: The Trauma We Miss in Geriatric Care

Prehospital Providers Must Use Caution in Treating

Pregnant

Trauma Patients

Obtaining an Older Patient's Medical History

Watch the following videos:

Paramedic Geriatric Care: EMS Study Guide Help

EMS Quick Study Help: Trauma and Pregnancy

Shaken Baby Syndrome Brain Injury

Complete the following review: Trauma and Pregnancy

Student-Facilitated Scenario Handout: Lesson 40

Scenario Role Cards: Lesson 40

Instructor Resources

Lesson Plan: Lesson 36

Draw It, Act It, Tell It-Part 1: Lesson 36

Draw It, Act It, Tell It-Part 2: Lesson 36

Challenge Scenario: Lesson 36

Required Resources

Lesson Guide: Lesson 36

Chapter 35 Head and Spine Trauma

Review Chapter 8 Anatomy and Physiology (pp. 324-326, 340-361)

Skill Evaluation Sheets: Chapter 35

Skill Drills: Chapter 35

Watch the following videos:

Int racranial Bleed - Part 1: Causes and Presentations of Epidural and Subdural

Hematoma

Int racranial Bleed - Part 2: Causes and Presentations of Subarachnoid Hemorrhage,

Parenchymal Hemorrhage

Int racranial Bleed - Part 3: History and Physical Exam

Int racranial Bleed - Part 4: Investigations

Int racranial Bleed - Part 5: Management

Interactive Lecture: Chapter 35

Lesson 36 Build It Assignment

Lesson 36 Self Assessment

Student-Facilitated Scenario Handout: Lesson 36

Scenario Role Cards: Lesson 36

Recommended Resources

Slides: Chapter 35

Lecture Outline: Chapter 35

Case Studies: Chapter 35

Assessment in Action: Chapter 35

Flashcards: Chapter 35

Lesson 36 In-Class Quiz

Instructor Resources

Lesson Plan: Lesson 39

Resources vs. Complications Game: Lesson 39

Required Resources

Lesson Guide: Lesson 39

Read the following:

Key Concepts of Civilian Trauma Combat Casualty Care:

Lesson 39

EMS: Las Vegas Changes Everything

Review Chapter 31, Bleeding

Watch the following videos:

Police Bodycam Footage From the Pulse Nightclub

Shooting

<https://www.youtube.com/watch?v=YFWwTEQchcw>

EMS Rescue Task Force

Skill Evaluation Sheets: Lesson 39

Lesson 39 Self Assessment

Student-Facilitated Scenario Handout: Lesson 39

Scenario Role Cards: Lesson 39

Consider reading Chapter 22, Civilian Tactical Emergency Medical

Support (TEMS)

End of Course Survey

Instructor Resources

Lesson Plan: Lesson 41

Bingo Cards: Lesson 41

Draw It, Act It, Tell It Cards: Lesson 41

Think, Find, Ask Handout: Lesson 41

Required Resources

Lesson Guide: Lesson 41

Introduction to the Pharmacology Unit PowerPoint Lesson

41

Read pages 725-761

Chapter 13 Principles of Pharmacology

Recommended Resources

Slides: Chapter 13  
Lecture Outline: Chapter 13  
Pharmacology: Pharmacokinetics: (Made Easy)  
Instructor Resources  
Lesson Plan: Lesson 42  
Medication Math Skills Practice Handout: Lesson 42  
Think Fast Cards: Lesson 42  
Required Resources  
Lesson Guide: Lesson 42  
Chapter 14 Medication Administration  
Chapter 15 Emergency Medications  
Watch the following videos:  
Paramedic Medical Math Part 1  
Paramedic Medical Math Part 2  
Paramedic Medical Math Part 3  
Review each of the following:  
Skill Drills: Chapter 14  
Skill Evaluation Sheets: Chapter 14  
Think Fast Handout: Lesson 42  
Memorization Mnemonic Handout: Lesson 42  
Scenario Role Cards: Lesson 42  
Recommended Resources  
Slides: Chapter 14  
Slides: Chapter 15  
Lecture Outline: Chapter 14  
Lecture Outline: Chapter 15  
Case Studies: Chapter 14  
Case Studies: Chapter 15  
Assessment in Action: Chapter 14  
Flashcards: Chapter 14  
Recommended Videos  
Drug Calculations by ACLS Certification Institute  
Basic Pharmacology Math by the Practical Paramedic  
EMS Skills: Intravenous Access  
How to Start an IV  
Arrow EZ-10 Infant Child Needle Selection and Insertion  
Technique Animation Video  
EZ-10 by Vidacare  
EMS Skills: ALS Medication Preparation and Administration  
Interactive Lecture: Chapter 14  
Interactive Lecture: Chapter 15  
Student-Facilitated Scenario Handout: Lesson 42  
Virtual Ride-Alongs  
Virtual Ride-Along Video: COPD  
Virtual Ride-Along Video: Altered Mental Status  
Virtual Ride-Along Video: Attempted Suicide  
Virtual Ride-Along Video: Difficulty Breathing  
Virtual Ride-Along Video: Fall in Apartment

Virtual Ride-Along Video: Geriatric Altered Mental Status  
Virtual Ride-Along Video: Mass-Casualty Incident Drill  
Virtual Ride-Along Video: Respiratory Distress  
Virtual Ride-Along Video: Weakness  
Virtual Ride-Along Video: Situational Awareness  
Skill Videos  
Skill Video: Apply Cervical Collar  
Skill Video: Bag-Mask Ventilation  
Skill Video: Bandaging Techniques  
Skill Video: Bronchodilator: Metered-Dose Inhaler  
Skill Video: Bronchodilator: Small Volume Nebulizer  
Skill Video: Epinephrine Auto-Injector  
Skill Video: Head Tilt-Chin Maneuver  
Skill Video: Intraosseous Access  
Skill Video: Intravenous Access  
Skill Video: Jaw-Thrust Maneuver  
Skill Video: Long Bone Injury  
Skill Video: Mouth-to-Mask Ventilation  
Skill Video: Nasopharyngeal Airway  
Skill Video: Nasotracheal Intubation  
Skill Video: Oral Medication Administration  
Skill Video: Oral Suctioning  
Skill Video: Oropharyngeal Airway  
Skill Video: Orotacheal Intubation by Direct Laryngoscopy  
Skill Video: Oxygen Administration by Nonrebreathing Mask  
Skill Video: Patient Lifting  
Skill Video: Recognition of an Airway Obstruction  
Skill Video: Seated Spinal Motion Restriction  
Skill Video: Spine Assessment  
Skill Video: Supine Spinal Motion Restriction  
Skill Video: Tongue-Jaw Lift Maneuver  
Skill Video: Vital Signs Assessment  
Soft-Skill Simulations  
First Responder Support & Resilience, First Edition  
Interactive Lectures  
Interactive Lecture: Chapter 13  
Case Studies  
Case Study Slides: Chapter 8  
Case Study Slides: Chapter 9  
Case Study Slides: Chapter 11  
Case Study Slides: Chapter 13  
Case Study Slides: Chapter 18  
Assessment in Action  
Assessment in Action: Chapter 8  
Assessment in Action: Chapter 9  
Assessment in Action: Chapter 11  
Assessment in Action: Chapter 13  
Assessment in Action: Chapter 18

Flashcard's

Flashcards: Chapter 8

Flashcards: Chapter 9

Flashcards: Chapter 11

Flashcards: Chapter 13

Flashcards: Chapter 18

Learning Objectives

Learning Objectives: Chapter 1

Learning Objectives: Chapter 2

Learning Objectives: Chapter 3

Learning Objectives: Chapter 4

Learning Objectives: Chapter 5

Learning Objectives: Chapter 6

Learning Objectives: Chapter 7

Learning Objectives: Chapter 8

Learning Objectives: Chapter 9

Learning Objectives: Chapter 10

Learning Objectives: Chapter 11

Learning Objectives: Chapter 12

Learning Objectives: Chapter 13

Learning Objectives: Chapter 14

Learning Objectives: Chapter 15

Learning Objectives: Chapter 16

Learning Objectives: Chapter 17

Learning Objectives: Chapter 18

Learning Objectives: Chapter 19

Learning Objectives: Chapter 20

Learning Objectives: Chapter 21

Learning Objectives: Chapter 22

Learning Objectives: Chapter 23

Learning Objectives: Chapter 24

Learning Objectives: Chapter 25

Learning Objectives: Chapter 26

Learning Objectives: Chapter 27

Learning Objectives: Chapter 28

Learning Objectives: Chapter 29

Learning Objectives: Chapter 30

Learning Objectives: Chapter 31

Learning Objectives: Chapter 32

Learning Objectives: Chapter 33

Learning Objectives: Chapter 35

Learning Objectives: Chapter 36

Learning Objectives: Chapter 37

Learning Objectives: Chapter 38

Learning Objectives: Chapter 39

Learning Objectives: Chapter 40

Learning Objectives: Chapter 41

Learning Objectives: Chapter 42

Learning Objectives: Chapter 43

Learning Objectives: Chapter 44

Learning Objectives: Chapter 45

Learning Objectives: Chapter 46

Learning Objectives: Chapter 47

Learning Objectives: Chapter 48

Learning Objectives: Chapter 49

Learning Objectives: Chapter 50

Learning Objectives: Chapter 51

Learning Objectives: Chapter 52

Learning Objectives: Chapter 53

Audio Book

Audio Book: Chapter 1

Audio Book: Chapter 2

Audio Book: Chapter 3

Audio Book: Chapter 4

Audio Book: Chapter 5

Audio Book: Chapter 6

Audio Book: Chapter 7

Audio Book: Chapter 8

Audio Book: Chapter 9

Audio Book: Chapter 10

Audio Book: Chapter 11

Audio Book: Chapter 12

Audio Book: Chapter 13

Audio Book: Chapter 14

Audio Book: Chapter 15

Audio Book: Chapter 16

Audio Book: Chapter 17

Audio Book: Chapter 18

Audio Book: Chapter 19

Audio Book: Chapter 20

Audio Book: Chapter 21

Audio Book: Chapter 22

Audio Book: Chapter 23

Audio Book: Chapter 24

Audio Book: Chapter 25

Audio Book: Chapter 26

Audio Book: Chapter 27

Audio Book: Chapter 28

Audio Book: Chapter 29

Audio Book: Chapter 30

Audio Book: Chapter 31

Audio Book: Chapter 32

Audio Book: Chapter 33

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Audio Book: Chapter 35

Audio Book: Chapter 36

Audio Book: Chapter 37

Audio Book: Chapter 38

Audio Book: Chapter 39  
Audio Book: Chapter 40  
Audio Book: Chapter 41  
Audio Book: Chapter 42  
Audio Book: Chapter 43  
Audio Book: Chapter 44  
Audio Book: Chapter 45  
Audio Book: Chapter 46

Audio Book: Chapter 47  
Audio Book: Chapter 48  
Audio Book: Chapter 49  
Audio Book: Chapter 50  
Audio Book: Chapter 51  
Audio Book: Chapter 52  
Audio Book: Chapter 53

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*Subject to change. Please consult your Canvas course for the most current instructions and updates.*



## Classroom Hours

Start: 06-01-2026

End: 09-21-2026

Mo, Tu, Th

9:00 AM - 1:00 PM

2:00 PM - 6:00 PM

Friday

9:00 AM - 12:00 PM

For a full list of course hours visit: [Course Schedule](#)

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## Instructor Contact Information

Nancy Small — [nsmall@stech.edu](mailto:nsmall@stech.edu)

Tyler March — [tmarch@stech.edu](mailto:tmarch@stech.edu)

Matthew Goodman — [mgoodman@stech.edu](mailto:mgoodman@stech.edu)

Office Hours: By appointment

*Email is the preferred method of communication; you will receive a response within 24 hours during regular business hours.*

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## Canvas Information

Canvas is where course content, grades, and communication will reside for this course.

- Canvas URL: [stech.instructure.com](https://stech.instructure.com)
  - For Canvas passwords or any other computer-related technical support contact Student Services.
  - For Regular Hours and Weekdays call (435) 586 - 2899
  - For After Hours and Weekends call (435) 865 - 3929 (Leave a message if no response)
-

## Policies

### Course Grading

Students must demonstrate a minimum competence in all areas of the course with an 80% to be able to progress in the program. Any grade below a B- is considered failing the course.

Grade Scale: The following grading scale will be used to determine a letter grade.

<b>A</b> : 94 - 100%	<b>A-</b> : 90 - 93%	<b>B+</b> : 87 - 89%	<b>B</b> : 83 - 86%
<b>B-</b> : 80 - 82%	<b>C+</b> : 77 - 79%	<b>C</b> : 73 - 76%	<b>C-</b> : 70 - 72%
<b>D+</b> : 67 - 69%	<b>D</b> : 63 - 66%	<b>D-</b> : 60 - 62%	<b>F</b> : 0 - 59%

### Course Policies

The preparatory nature of this course requires the student be actively involved and dedicated to learning the material and completing the coursework. Course content is foundational to the education of a paramedic. If there is difficulty with any of the information or concepts, please seek help early so that you can be assisted in attaining and assimilating the essential content. If a student has completed foundational courses in Anatomy, Physiology, English, and Math and demonstrates adequate retention and integration of content, OR passes the Fisdap Paramedic Entrance Exam with >80%, credit will be awarded and attendance of this course will be waived. This course does not contain any tests, but various assignments to assess understanding. Each writing assignment is awarded points according to how well the submission follows the requirements of the assignment and are graded according to the college writing guidelines. Math, Anatomy and Physiology assignments are graded on accuracy and correctness. The concepts in this course are essential to progress within the program, and the course is very brief. Therefore, 100% attendance is required. If there are extreme circumstances, contact the Program Director to discuss the situation. Be courteous to your other classmates and keep cell phone use to a minimum and take only necessary phone calls out in the hall.

## Additional Information

InformaCast Statement: Southwest Tech uses InformaCast to ensure the safety and well-being of our students. In times of emergency, such as weather closures and delays, this app allows us to promptly deliver notifications directly to your mobile devices. To stay informed and receive real-time updates, we encourage all students to sign up for notifications. Your safety is our priority, and staying connected ensures a swift response to any unforeseen circumstances. More information and directions for signing up are available at: <https://stech.edu/emergency-notifications/>

Internet Acceptable Use Policy: The student is expected to review and follow the Southwest Technical College Internet Safety Policy at: <https://stech.edu/students/policies/>

Student Code of Conduct Policy: The student is expected to review and follow the Southwest Technical College Student Code of Conduct Policy at: <https://stech.edu/students/policies/>

Accommodations: Students with medical, psychological, learning, or other disabilities desiring accommodations or services under ADA, must contact the Student Services Office. Student Services determines eligibility for and authorizes the provision of these accommodations and services. Students must voluntarily disclose that they have a disability, request an accommodation, and provide documentation of their disability. Students with disabilities may apply for accommodations, based on an eligible disability, through the Student Services office located at 757 W. 800 S., Cedar City, UT 84720, and by phone at (435) 586-2899. No diagnostic services are currently available through Southwest Technical College.

Safety and Building Maintenance: The College has developed and follows a variety of plans to ensure the safe and effective operation of its facilities and programs. The following plans are available online: 1) Facilities Operations and Maintenance Plan; 2) Technical Infrastructure Plan; and 3) Health and Safety Plan.

Withdrawals and Refunds: Please refer to the Southwest Technical College Refund Policy at: <https://stech.edu/students/policies/>

Any high school or adult student, who declares a technical training objective is eligible for admission at Southwest Technical College (Southwest Tech). Program-specific admissions requirements may exist and will be listed on the Southwest Tech website. A high school diploma or equivalent is not required for admission but is mandatory for students seeking Title IV Federal Financial Aid.

Non-Discriminatory Policy: Southwest Technical College affirms its commitment to promote the goals of fairness and equity in all aspects of the educational enterprise, and bases its policies on the idea of global human dignity.

Southwest Tech is committed to a policy of nondiscrimination. No otherwise qualified person may be excluded from participation in or be subjected to discrimination in any course, program or activity because of race, age, color, religion, sex, pregnancy, national origin or disability. Southwest Technical College does not discriminate on the basis of sex in the education programs or activities that it operates, as required by Title IX and 34 CFR part 106. The requirement not to discriminate in education programs or activities extends to admission and employment. Inquiries about Title IX and its regulations to STECH may be referred to the Title IX Coordinator, to the Department of Education, and/or to the Office for Civil rights.

If you believe you have experienced discrimination or harassment on our campus, please contact the Title IX Coordinator, Cory Estes: [cestes@stech.edu](mailto:cestes@stech.edu), (435) 865-3938.

For special accommodations, please contact the ADA Coordinator, Cyndie Tracy: [ctracy@stech.edu](mailto:ctracy@stech.edu), (435) 865-3944.

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