

ASSOCIATES IN EMERGENCY CARE, LLC
Emergency Medical Technician to PARAMEDIC PROGRAM
TUESDAY & THURSDAY: 1800-2200
AEC TRAINING CENTER - ALEXANDRIA

DAY/DATE TIME	CONTENT	READING ASSIGNMENT
Tuesday 8/27/2019 6p-10p	<p style="text-align: center;">Pre-Orientation Technology Setup</p> <p style="text-align: center;">iPad distribution and Digital Library registration</p> <p style="text-align: center;">Program Orientation Online - Comevo</p>	<p style="text-align: center;">*Mandatory Attendance*</p> <p style="text-align: center;">HOMEWORK: Video Library-Preparatory Topics Intro to Paramedicine, EMS Systems, Roles/ Responsibilities/ Workforce Safety, EMS Research, Public Health, Med/Legal, Ethics, EMS Communication, Documentation</p> <p style="text-align: center;">*** All of Volume 1 (Q1)***</p>
Thursday 8/29/2019 6p-10p	Clinical Paperwork/Hospital Orientations	***Mandatory Attendance***
Tuesday 9/10/2019 6p-10p	<p>LECTURE: Pathophysiology Intro to A&P and Pathophysiology (Q2) <i>Research Paper overview</i> Homework 1/Quiz 1 (Preparatory Topics) Due @ 23:59</p>	Paramedic Care Vol 1: Chapter 12
Thursday 9/12/2019 6p-10p	<p>LECTURE: Pharmacology Introduction to Pharmacology (Q3) Intro to Pharmacology Manual</p>	AEC Lecture Pharmacology Manual AEC Med Math Handouts
Tuesday 9/17/19 6p-10p	<p>LECTURE: Med Math Introduction to Med Math (Q4) Quiz 2: Pathophysiology Due @ 23:59</p>	AEC Lecture Pharmacology Manual AEC Med Math Handouts
Thursday 9/19/19 6p-10p	<p>Introduction to Med Math...cont'd (Q4)</p> <p>LECTURE: Medication Administration (Show & Tell) Q4 Quiz 3: Pharmacology Due @ 23:59</p>	Paramedic Care Vol. 1: Chapter 14 *Enrollment and Clinical Documentation Due*
Saturday 9/21/19 9a-5p	<p>LAB: IV Access/Med Math "Show and Tell" Tutorial</p> <ul style="list-style-type: none"> - IV Arm/Hand - IV Access "Poke and Hope" 	

Commented [RV1]: All Preparatory Topics for HW.

	- Med Math	
Tuesday 9/24/19 6p-10p	<u>LAB: Med Admin/Med Math</u> -IV, IV Bolus, IV Drip/Piggyback, EJ, IN	
Thursday 9/26/19 6p-10p	<u>LAB: Med Admin/Med Math</u> -IM, SQ, Rectal, PO, SL, Nebulizer, Med Math -IV/IV Bolus	
Tuesday 10/1/19 6p-10p	<u>LAB: Med Admin/Med Math</u> - ALL SKILLS HW 2/Q4: Med Math/IV Admin Due @ 23:59	
Thursday 10/3/19 6p-10p	<u>AM: LECTURE: Patient Assessment 1 (Q5)</u>	Paramedic Care Vol.2, CH.1-5
Tuesday 10/8/19 6p-10p	<u>PM: LECTURE: Patient Assessment 2 (Q5)</u> <i>**Any portion of the lectures not finished can be done for HW**</i>	Paramedic Care Vol.2, CH. 6,7 **Due today** Research Topic Due
Thursday 10/10/19 6p-10p	<u>LAB: Patient Assessments</u> -Primary Assessment Drills - Secondary Assessment Drills - Complete Assessments/Team Leader/Team Member	
Saturday 10/12/19 0900-1700	<u>LAB: Patient Assessments</u> -Primary Assessment Drills - Secondary Assessment Drills - Complete Assessments/Team Leader/Team Member - Medication Administration Quiz 5: Patient Assessment Due @ 23:59	
Tuesday 10/15/19 6p-10p	<u>LECTURE: Operations Day 1</u> Ground Ambulance Ops (Q6) Air Ambulance Ops (Q6) MCI (Q6) Rescue Ops (Q6) (HW if not completed in class)	Paramedic Care Vol. 5: Ch.9,10,11,12

Thursday 10/17/19 6p-10p	<p>LECTURE: Operations Day 2 Hazmat (Q6) Crime Scene Awareness (Q6) Rural EMS (Q6) Terrorism (Q6) (HW if not completed in class)</p> <p>HW 3/Quiz 6: Patient Assessment/OPS Due 5/25/19 @ 23:59</p>	Paramedic Care Vol. 5: Ch.13, 14, 15, 16
Tuesday 10/22/19 6p-10p	<p>LAB COMPETENCY: Med Administration -IV, IV Bolus, IO, IV Drip/Piggyback, EJ -IM, SQ, Rectal, PO, SL, Nebulizer, Med Math -Patient Assessment</p>	
Thursday 10/24/19 6p-10-p	Unit Exam 1- Operations/Med Math	FISDAP/MATRIX Students begin Emergency Room clinical rotations ***Mandatory Attendance***
Saturday 10/26/19 0900-1700	<p>LECTURES: AEC/Brady Respiratory Respiratory A&P (Q7) Pulmonology (Q7) Respiratory Pharmacology (Q7)</p>	AEC Lectures Paramedic Care Vol. 3 CH. 1
Tuesday 10/29/19 6p-10p	<p>LECTURES: Brady Respiratory Material Airway Management and Ventilation (Q8) Show & Tell Capnography Overview</p> <p>Quiz 7: Respiratory Due @ 23:59</p>	Paramedic Care Vol. 3, CH. 1,15
Thursday 10/31/19 6p-10p	<p>LAB: Respiratory Lab Day 1 -BLS/ALS Airway Management -Suction/Capnography -CPAP/Nebulizer/Meds</p>	
Saturday 11/2/19 0900-1700	<p>LAB:Respiratory Lab Day 2 -BLS/ALS Airway -Bougie/Suction (French Catheter), Lung Sounds -IOOH</p> <p>HW 4/Quiz 8: Airway Management Due 6/10/19 @ 23:59</p>	
Tuesday 11/5/19 6p-10p	<p>LAB: Respiratory Lab Day 3 -IOOH (Respiratory Scenarios) -Oral Boards (Respiratory) -Peer Evaluated Airway Labs</p> <p>LAB: Competency Sign-Offs: Airway Management</p>	

Commented [RV2]: Competency Evaluations for Applicable labs. This will be a full evaluation day. Must be competent for cognitive/psychomotor components of the section to be successful.

Commented [RV3]: Competency Evaluations for all Advanced Airway management skills after Exam

Thursday 11/7/19 6p-10p	<u>Unit Exam 2 Airway: Respiratory</u>	FISDAP/MATRIX ***Mandatory Attendance***
Saturday 11/9/19 0900-1700	<u>LAB: Cadaver Lab – 8886 Rixlew Lane 2nd Fl, Manassas</u> -ET Intubation/Chest Decompression/IO/Surgical Airway, Supraglottic Airway/ RSI -Cardiac Anatomy/Abdominal Anatomy/Respiratory Anatomy	** CADAVER LAB DAY ** May Begin OR
Tuesday 11/12/19 6p-10	<u>LECTURE: AEC/Brady Material</u> Cardiac A&P (Q9) Need ACLS Provider Manuals issued!	AEC Lecture
Thursday 11/14/19 6p-10	<u>LECTURE: AEC/Brady Material</u> Cardiology Session 1 (Slides 1-190) Q9 Electrophysiology (Q9)	Paramedic Care Vol. 3, CH. 2 AEC Lectures
Tuesday 11/19/19 6p-10p	<u>LECTURE: AEC Cardiology Material</u> How to read an ECG (Q10) Sinus (Q10) Atrial (Q10) SVT and Narrow Complex Tachycardia (Q11) ***ACLS Algorithm Overview*** Rhythm/ AHA Handouts should be printed MATRIX resources contains Cardiology documents Quiz 9: Cardiac A&P, Electrophysiology Due @ 23:59	AEC Lectures
Thursday 11/21/19 6p-10	<u>LECTURE: AEC Cardiology Material</u> Junctional Rhythms (Q11) Bradycardia (Q11) AV Blocks (Q11) **ECG Monitor Overview Features/Settings/Functions** *Review Rhythm ECG Rhythm Packet/AHA Handouts	AEC Lecture
Tuesday 11/26/19 0900-1700	<u>LABS: ACLS Algorithms Introduction</u> -ECG Monitor Overview-Features/Settings/Functions -Static/Dynamic Cardiology -Medication/Algorithms Quiz 10: ECG Sinus/Atrial Rhythms Due @ 23:59	AEC Lecture
Tuesday 12/3/19 6p-10p	<u>LECTURE: AEC Cardiology Material</u> WPW/Pacer (Q12) PEA/Asystole (Q12) Ventricular Arrhythmias (Q12) V-Tach w/Pulse (Q12) V-Fib/Pulseless V-Tach (Q12) Quiz 11: Junctional, Brady, SVT, AV Blocks Due @ 23:59	AEC Lectures

Commented [RV4]: Need to put rhythm strips/12 lead/AHA Algorithms in MATRIX Resources
Need to update PPTS to the ones that Lindsey modified with practice rhythm strips

Thursday 12/5/19 6p-10p	LECTURE: Cardiology Material Cardiology Session 2 (Q13) ACLS PPT and Algorithm Overview	AHA ACLS Provider Manual Paramedic Care Vol 3, CH. 2
Saturday 12/7/19 0900-1700	LECTURE: Dr. Joseph "Chest Pain" LABS: Cardiology/ACLS Algorithms Introduction -Static/Dynamic Cardiology -Cardiac Assessments/IOOH -Oral Boards Quiz 12: Ventricular, PEA, Asystole Due @ 23:59	AHA ACLS Provider Manual Paramedic Care Vol 3, CH. 2
Tuesday 12/10/19 6p-10	LAB: Cardiac-ACLS and NR Labs -Static/Dynamic Cardiology -Cardiac Assessments/IOOH -Oral Boards	
Thursday 12/12/19 6p-10p	LAB: Cardiac-ACLS and NR Labs -Static/Dynamic Cardiology -Cardiac Assessments/IOOH -Oral Boards	
Tuesday 12/17/19 6p-10p	12-Lead ECG-Part 1- Basic 12 Lead Interpretation (Q13) LABS: 12 leads (1 instructor) • 12-lead practice	AEC Lecture 12 Lead ECG for Acute Critical Care Providers ***Static 12-lead Materials*
Thursday 12/19/19 0900-1700	12-Lead ECG-Part 1 (cont'd)- Basic 12 Lead Int. (Q13) LABS: 12 leads (1 instructor) • 12-lead practice	AEC Lecture 12 Lead ECG for Acute Critical Care Providers ***Static 12-lead Materials**
Saturday 12/21/19 0900-1700	12-Lead ECG-Part 2- Adv. 12 Lead Interpretation (Q13) LABS: 12 leads • 12-lead practice • Cardiac Scenarios	AEC Lecture 12 Lead ECG for Acute Critical Care Providers ***Static 12-lead Materials**
Thursday 1/2/20 6p-10p	Competency Sign-Off: Cardiology Labs Static/Dynamic-Cardioversion/Defibrillation/Pacing Mega-Codes (Full Simulations) Oral Boards IOOH Scenarios HW 5/Quiz 13: Cardiology Due @ 23:59	**Mandatory Attendance**
Tuesday 1/7/20 6p-10p	Competency Sign-Off: Cardiology Labs Static/Dynamic-Cardioversion/Defibrillation/Pacing Mega-Codes (Full Simulations) Oral Boards	**Mandatory Attendance**

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Commented [RV6]: Competency Sign-offs day before exam due to amount of sign offs.

	IOOH Scenarios	
Thursday 1/9/20 6p-10p	<u>Unit Exam 3-Cardiology</u> LECTURE: Medical Neurology (Q14)	FISDAP/MATRIX
Saturday 1/11/20 0900-1700	LECTURE: Medical – con't if necessary Neurology (Q14) LECTURE: Medical Endocrinology (Q14) Gastroenterology Urology/Nephrology	Paramedic Care Vol. 3, CH.3 Paramedic Care Vol.3, CH 4,6,7
Tuesday 1/14/20 6p-10p	LABS: Neuro/Endocrine/GI/Renal -IOOH Scenarios -Oral Boards -Static Cardiology HW 6/Quiz 14: Nervous and Endocrine Due @ 23:59	Paramedic Care Vol 3, CH 6,7 Meet with students individually to review mid-term Progress Reports and FISDAP progress
Thursday 1/16/20 6p-10p	LABS: Neuro/Endocrine/GI/Renal -IOOH Scenarios -Oral Boards -Static Cardiology	Meet with students individually to review mid-term Progress Reports and FISDAP progress.
Saturday 1/18/20 0900-1700	LECTURE: Medical Immunology (Q15) Hematology (Q15) Infectious Disease/Sepsis (Q15)	Paramedic Care Vol 3, CH. 5 Paramedic Care Vol 3, CH. 9 Paramedic Care Vol 3, CH. 10
Tuesday 1/21/20 6p-10p	LABS: Immunology/Hematology/Sepsis -Oral Boards -IOOH Scenarios -Dynamic Cardiology	
Thursday 1/23/20 6p-10p	Lecture: Psychiatric and Behavioral Disorders (Q15)	Paramedic Care Vol 3, CH. 11
Tuesday 1/28/20 6p-10p	LECTURE: Medical Toxicology and Substance Abuse	Paramedic Care Vol 3, CH. 8

	HW 7/Q15: Immune/Hematology/Sepsis/Psych Due 9/4/19 @ 23:59	
Thursday 1/30/20 6p-10p	<u>LABS: Immunology/Hematology/Sepsis</u> -Oral Boards -IOOH Scenarios -Dynamic Cardiology	
Saturday 2/1/20 0900 - 1700	<u>Unit Exam 4: Medical</u> <u>LECTURE: OB/Gyn</u> Gynecology (Q16) Obstetrics (Q16)	FISDAP/Matrix Paramedic Care Vol 5, CH. 1,2
Tuesday 2/4/20 6p-10p	<u>LECTURE: Neonates</u> Neonates (Q16)	Paramedic Care Vol 5, CH. 3
Thursday 2/6/20 6p-10p	<u>LAB: Deliveries</u> -Deliveries-Normal (3)/Abnormal (2) -Infant/Ped Airway Management/IO	
Tuesday 2/11/20 6p-10p	<u>LECTURE: Pediatrics</u> Pediatrics (Q17) Pediatric Pharmacology w/ Manual Q16: Reproductive, OB/GYN, Neonates Due @ 23:59	Paramedic Care Vol 5, CH. 4
Thursday 2/13/20 6p-10p	<u>PALS Day 1</u> DVD Components and PALS Overview Need PALS Provider Manuals	***Mandatory Attendance*** AHA PALS Provider Manual
Saturday 2/15/20 0900-1700	<u>PALS Day 2</u> LABS: Infant/Pediatrics BLS Cardiac Arrest Management Airway Management Vascular Access/IO Practice Scenarios-Cardiac/Respiratory/Shock (IOOH) Need PALS Provider Manuals	***Mandatory Attendance*** AHA PALS Provider Manual
Tuesday 2/18/20 6p-10p	<u>PALS Day 3: Cardiac/Respiratory/Shock Practice</u> <u>LAB: PALS/Pediatric Scenarios</u> PALS Practice Scenarios-Cardiac/Respiratory/Shock (IOOH) Oral Boards Infant/Peds Megacodes	***Mandatory Attendance*** AHA PALS Provider Manual

Thursday 2/20/20 6p-10p	PALS Day 4: Cardiac/Respiratory/Shock Practice LAB: COMPETENCY SIGN-OFFS PALS Scenarios-Cardiac/Respiratory/Shock (IOOH) -Infant/Peds Megacod HW 8/Q17: Reproductive, OB/GYN, Neonates/ Due @ 23:59	***Mandatory Attendance*** Students may begin L&D and Peds Clinicals AHA PALS Provider Manual
Tuesday 2/25/20 6p-10p	PALS Day 5: PALS TESTING Written/Practical (Cont'd Competency sign-offs)	***Mandatory Attendance*** Students may begin L&D and Peds Clinicals AHA PALS Provider Manual
Thursday 2/27/20 6p-10p	<i>Unit Exam 5-OB/GYN/Peds</i>	FISDAP/Matrix
Saturday 2/29/20 0900-1700	LECTURE: Trauma Trauma Systems (Q18) Mechanism of Injury (Q18) Hemorrhage and Shock (Q18) Soft Tissue Trauma (Q18)	Paramedic Care Vol 4, CH. 1-4
Tuesday 3/3/20 6p-10p	LECTURE: Trauma Burns (Q19) Rule of 9's/ Parkland Formula Review	Paramedic Care Vol 4, CH.5
Thursday 3/5/20 6p-10p	LECTURE: Trauma Head, Neck and Spinal Trauma (Q19) Q18: Trauma/Mechanisms/Shock/Soft Tissue/Burns Due @ 23:59	Paramedic Care Vol. 4, CH 6
Saturday 3/7/20 0900-1700	LECTURE: Trauma Chest Trauma (Q19) LAB: Trauma -Bandaging/Hemorrhage Control -Needle Thoracostomy -NR Trauma Assessments -Bandaging/Splinting	Paramedic Care Vol. 4, CH 7
Tuesday 3/10/20 6p-10p	LECTURE: Trauma Abdominal and Pelvic Trauma (Q19) Orthopedic Trauma (Q19)	Paramedic Care Vol 4, CH 8 Paramedic Care Vol 4, CH 9
Thursday 3/12/20 6p-10p	LECTURE: Trauma Non-Traumatic Musculoskeletal System (Q19) Environmental Trauma (Q19)	Paramedic Care Vol 3, CH 13 Paramedic Care Vol 4, CH 10

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Saturday 3/14/20 0900-1700	LAB: Trauma -NR Oral Boards -NR Trauma Assessments -NR IOOH - Peer Led Labs (Traction Splint, Backboard/KED)	
Tuesday 3/17/20 6p-10p	LAB: Trauma -NR Oral Boards -NR Trauma Assessments -NR IOOH HW 9/Q19: Trauma Due @ 23:59	
Thursday 3/19/20 6p-10p	LAB: Trauma -NR Oral Boards -NR Trauma Assessments/Instructor and Peer -NR IOOH -Pediatric Trauma Scenarios	
Saturday 3/21/20 0900-1700	LAB: COMPETENCY SIGN-OFFS -NR Oral Boards -NR Trauma Assessments/Instructor and Peer -NR IOOH -Pediatric Trauma Scenarios	
Tuesday 3/24/20 6p-10p	Unit Exam 6-Trauma	FISDAP/Matrix
Thursday 3/26/20 6p-10p	LECTURE: Special Patient Populations Geriatric Emergencies (Q20) Abuse, Neglect, and Assault (Q20)	
Saturday 3/28/20 0900-1700	LECTURE: Special Patient Populations Emergencies for the Challenged Patient (Q20) Acute Interventions for the Chronic Care Patient (Q20) RESEARCH PRESENTATIONS HW 10/Q20: Geriatrics and Special Patients Due @ 23:59	RESEARCH PAPERS DUE
Tuesday 3/31/20 6p-10p	RESEARCH PRESENTATIONS (cont'd if necessary) Treatment Algorithms/Pharmacology Overview Final Exam/NR Prep	
Thursday 4/2/20 6p-10p	ACLS Day 1 DVD and ACLS Power Point LABS: ACLS -Airway Management/Electrical Therapy	***Mandatory Attendance*** Final Progress Reports - Signed PC Final Affective Domain Eval

Commented [RV8]: Competency sign offs day before exam

	-BLS CPR Need ACLS Provider Manuals	
Tuesday 4/7/20 6p-10p	<u>ACLS Day 2</u> <u>LABS: ACLS</u> Algorithm Stations (Tachycardia, Bradycardia, Arrest, ACS) Need ACLS Provider Manuals	***Mandatory Attendance***
Thursday 4/9/20 6p-10p	<u>ACLS: Day 3</u> <u>Labs: ACLS</u> Algorithm Stations (Cont'd) Need ACLS Provider Manuals	
Tuesday 4/14/20 6p-10p	<u>ACLS: Day 4 (Testing/Competency Evaluation)</u> AM: Written Test PM: Megacode Testing (IOOH/Dynamic Cardiology) Need ACLS Provider Manuals	
Thursday 4/16/20 6p-10p	<u>FINAL COGNITIVE EXAM</u> <u>*****CAPSTONE FIELD INTERNSHIP BEGINS*****</u> <u>Any field rotation scheduled after the first attempt at the FISDAP Final Exam is considered a Capstone rotation.</u>	***Mandatory Attendance*** 100% of Hospital Hours and Regular Field Experience Hours must be completed by this date.
Tuesday 4/21/20 6p-10p	<u>FINAL FISDAP EXAM (retest)</u> <u>NR Psychomotor Final Exam PRACTICE</u>	
Thursday 4/23/20 6p-10p	<u>PROGRAM PRACTICAL FINAL EXAM – Part 1</u> -Static/Dynamic -Oral Boards -Trauma	***Mandatory Attendance***
Saturday 4/25/20 0900-1700	<u>PROGRAM PRACTICAL FINAL EXAM – Part 2</u> -Static/Dynamic -Oral Boards -Trauma -IOOH Scenarios	***Mandatory Attendance***
Tuesday 4/28/20 6p-10p	National Registry CBT Test Preparation and Curriculum Review	
Thursday 4/30/20 6p-10p	LAB: A Day in The Life....	
Tuesday 5/7/20 6p-10p	Guidelines for the New ALS Provider-Discussion Program Director/Medical Director/Program Coordinator Student meetings	Final Progress Reports - Signed PC Final Affective Domain Eval

Thursday 5/9/20 6p-10p	NR PSYCHOMOTOR-PRACTICE	
Tuesday 5/14/20 6p-10p	NR PSYCHOMOTOR-PRACTICE	
Friday 5/17/20 5p-9p	LAST CHANCE NR PSYCHOMOTOR PRACTICE! @ 8886 Rixlew Lane 2 nd Floor, Manassas 20109	AEC Training Center
Saturday 5/18/20 0700-completion	National Registry Psychomotor Exam - **EARLY ELIGIBILITY requires that all minimum hospital and regular field hours have been completed, at least 30 team leads gained, and the FIDAP final exam has been passed**	AEC Training Center 8886 Rixlew Lane, 2 nd Floor Manassas, VA 20109
	<p>** Capstone Field Internship**</p> <p>Must finish within 60 days past the final cognitive exam.</p> <p>Must be finished by June 5, 2020 to be considered on-time graduation. After June 5th students will need to pay a re-enrollment fee of \$800.00 for a 30-day extension.</p>	