## ASSOCIATES IN EMERGENCY CARE, LLC Emergency Medical Technician to PARAMEDIC PROGRAM MONDAY & WEDNESDAY: 1800-2200

## AEC – ALEXANDRIA

DAY DATE TIME	CONTENT	READING ASSIGNMENT	ASSIGNMENT DUE
MONDAY 3/15/2021 6pm – 10pm	Pre-Orientation Technology Setup iPad Distribution Digital Library Registration	Video Library: Preparatory Topics Intro to Paramedicine EMS Systems Roles/ Responsibilities/ Workforce Safety EMS Research Public Health Med/Legal Ethics EMS Communication Documentation *** All of Volume 1 (Q1) ***  **Mandatory Attendance**	
THURSDAY 3/18/2021 BY 5PM	ADD/DROP WINDOW	FULL REFUND MINUS THE NON-REFUNDABLE DEPOSIT AND COST OF GOODS	
WEDNESDAY 3/17/2021 6pm – 10p	Clinical Paperwork Hospital Orientations	**Mandatory Attendance**	
MONDAY 3/22/2021 6pm – 10p	** All preparatory homework topic videos should be watched before today's date **  LECTURE: Pathophysiology Pathophysiology Intro to A&P and Pathophysiology (Q2)  Research Paper Overview	Paramedic Care Vol 1: Chapter 12	Homework 1 Quiz 1
WEDNESDAY 3/24/2021 6pm – 10p	LECTURE: Pharmacology Introduction to Pharmacology (Q3) Intro to Pharmacology Manual	AEC Lecture Pharmacology Manual AEC Med Math Handout	

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MONDAY 3/29/2021 6pm – 10p	LECTURE: Med Math Introduction to Med Math (Q4)	AEC Lecture Pharmacology Manual AEC Med Math Handout	Quiz 2
WEDNESDAY 3/31/2021 6pm – 10p	LECTURE: Medication Administration Introduction to Med Mathcont'd (Q4) Medication Administration (Show & Tell) (Q4)	Paramedic Care Vol. 1: Chapter 14	Quiz 3  Enrollment  Documentation Due
MONDAY 4/5/2021 6pm – 10pm	LAB: IV Access/Med Math -"Show and Tell" Tutorial - IV Arm/Hand	**Mandatory Attendance**	
WEDNESDAY 4/7/2021 6pm - 10pn	LAB: IV Access/Med Math - IV Access "Poke and Hope" - Med Math	**Mandatory Attendance**	
MONDAY 4/12/2021 6pm – 10p	LAB: Med Admin/Med Math - IV, IV Bolus, IV Drip/Piggyback, EJ, IN		
WEDNESDAY 4/14/2021 6pm – 10p	LAB: Med Admin/Med Math - IM, SQ, Rectal, PO, SL, Nebulizer, Med Math - IV/IV Bolus		Immunizations and Hospital Orientations Due
MONDAY 4/19/2021 6pm – 10p	<u>LAB: Med Admin/Med Math</u> - ALL SKILLS		Homework 2 Quiz 4
WEDNESDAY 4/21/2021 6pm – 10p	LECTURE: Patient Assessment Patient Assessment 1 (Q5)	Paramedic Care Vol. 2: Chapter 1-5	
SUNDAY 4/25/2021 9am – 5pm	LECTURE: Patient Assessment Patient Assessment 2 (Q5)  LAB: Patient Assessments - Primary Assessment Drills - Secondary Assessment Drills - Complete Assessments/ Team Leader/Team Member	Paramedic Care Vol. 2: Chapter 6 and 7	Research Topic Due

	** Issue the COMEVO Online Orientations for Clinical and FISDAP Tutorial **		
MONDAY 4/26/2021 6pm – 10p	LAB: Patient Assessments - Primary Assessment Drills - Secondary Assessment Drills - Complete Assessments/ Team Leader/Team Member - Medication Administration		
WEDNESDAY 4/28/2021 6pm – 10pm	LAB: Patient Assessments - Primary Assessment Drills - Secondary Assessment Drills - Complete Assessments/ Team Leader/Team Member - Medication Administration		Quiz 5
MONDAY 5/3/2021 6pm – 10p	LECTURE: Operations Day 1 Ground Ambulance Ops (Q6) Air Ambulance Ops (Q6) MCI (Q6) Rescue Ops (Q6) (HW if not completed in class)	Paramedic Care Vol. 5: Chapter 9, 10, 11, 12	
WEDNESDAY 5/5/2021 6pm – 10p	LECTURE: Operations Day 2  Hazmat (Q6)  Crime Scene Awareness (Q6)  Rural EMS (Q6)  Terrorism (Q6)  (HW if not completed in class)	Paramedic Care Vol. 5: Chapter 13, 14, 15, 16	Homework 3 Quiz 6
MONDAY 5/10/2021 6pm – 10p	LAB: COMPETENCY SIGN-OFFS  - Medication Administration  - IV, IV Bolus, IO, IV Drip/Piggyback, EJ  - IM, SQ, Rectal, PO, SL, Nebulizer, Med Math  - Patient Assessment	**Mandatory Attendance**	COMEVO Online Orientation for both Clinical Rotation Manual and FISDAP Tutorial
WEDNESDAY 5/12/2021 6pm – 10p	UNIT EXAM 1 – OPERATIONS/MED MATH FISDAP/OPEN LMS  CLINICAL ROTATION OVERVIEW (1 hour)  ** May begin ED rotations after passing Exam 1 and Lab Competencies ** As long as cleared by Student Documentation	**Mandatory Attendance**	
MONDAY 5/11/2021 6pm – 10p	LECTURES: AEC/Brady Respiratory  Respiratory A&P (Q7)  Pulmonology (Q7)  Respiratory Pharmacology (Q7)	AEC Lectures Paramedic Care Vol. 3: Chapter 1	

WEDNESDAY 5/19/2021 6pm – 10p	LECTURES: AEC/Brady Respiratory Respiratory A&P (Q7) Pulmonology (Q7) Respiratory Pharmacology (Q7) CONTINUED	AEC Lectures Paramedic Care Vol. 3: Chapter 1	Quiz 7
SUNDAY 5/23/2021 9am – 5pm	LECTURES: Respiratory Brady Respiratory Material Airway Management and Ventilation (Q8) Show & Tell Capnography Overview  LAB: Respiratory Lab Day 1 - BLS/ALS Airway Management - Suction/Capnography - CPAP/Nebulizer/Meds	Paramedic Care Vol. 3: Chapter 1 and 15	
MONDAY 5/24/2021 6pm – 10p	LAB: Respiratory Lab Day 2 - BLS/ALS Airway - Bougie/Suction (French Catheter) - Lung Sounds - IOOH		Homework 4 Quiz 8
WEDNESDAY 5/26/2021 6pm – 10p	UNIT EXAM 2 – AIRWAY/RESPIRATORY FISDAP/ OPEN LMS  LAB: COMPETENCY SIGN-OFFS - All Airway skills should be evaluated and signed off	**Mandatory Attendance**	
WEDNESDAY 6/2/2021 6pm – 10p	LECTURE: AEC/Brady Material Cardiac A&P (Q9)	AEC Lectures	
FRIDAY 6/4/2021 6pm – 10p	LECTURE: AEC/Brady Material Cardiology Session 1 (Slides 1-190) (Q9) Electrophysiology (Q9)	AEC Lectures Paramedic Care Vol. 3: Chapter 2	
SATURDAY 6/5/2021 TBD	LAB: Cadaver Lab  - ET Intubation  - Chest Decompression  - IO  - Surgical Airway  - Supraglottic Airway  - RSI  - Cardiac Anatomy  - Abdominal Anatomy  - Respiratory Anatomy	** CADAVER LAB DAY **  AEC Training Center 8886 Rixlew Lane Manassas, VA 20109  **Mandatory Attendance**	

	** May Begin OR Rotations after passing Exam 2, Unit 2 Lab Competencies and attending Cadaver Lab **		
MONDAY 6/7/2021 6pm – 10p	LECTURE: Cardiology 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 OPEN LMS resources contains Cardiology documents	AEC Lectures	Distribute ACLS eBooks (contact Cori)
WEDNESDAY 6/9/2021 6pm – 10p	LECTURE: Cardiology Junctional Rhythms (Q11) Bradycardia (Q11) AV Blocks (Q11)  **ECG Monitor Overview Features/Settings/Functions**  ** Review Rhythm ECG Rhythm Packet/AHA Handouts **	AEC Lectures	Quiz 9
MONDAY 6/14/2021 6pm – 10p	LABS: ACLS Algorithms Introduction - ECG Monitor Overview- Features/Settings/Functions - Static/Dynamic Cardiology - Medication/Algorithms	AEC Lectures	
WEDNESDAY 6/16/2021 6pm – 10p	LECTURE: Cardiology WPW/Pacer (Q12) PEA/Asystole (Q12) Ventricular Arrhythmias (Q12) V-Tach w/Pulse (Q12) V-Fib/Pulseless V-Tach (Q12)	AEC Lectures	Quiz 10
MONDAY 6/21/2021 6pm – 10pm	LECTURE: Cardiology Cardiology Session 2 (Q13) ACLS PPT and Algorithm Overview	AHA ACLS Provider Manual Paramedic Care Vol 3: Chapter 2	
WEDNESDAY 6/23/2021 6pm – 10pm	LECTURE: Chest Pain Dr. Joseph "Chest Pain"  LABS: Cardiology/ACLS Algorithms Introduction - Static/Dynamic Cardiology - Cardiac Assessments/IOOH - Oral Boards	AHA ACLS Provider Manual Paramedic Care Vol 3: Chapter 2	Quiz 11

SUNDAY 6/27/2021 9am – 5pm	LAB: Cardiac-ACLS and NR Labs  - Static/Dynamic Cardiology - Cardiac Assessments - IOOH - Oral Boards	AHA ACLS Provider Manual	
MONDAY 6/28/2021 6pm – 10pm	LAB: Cardiac-ACLS and NR Labs - Static/Dynamic Cardiology - Cardiac Assessments - IOOH - Oral Boards		
WEDNESDAY 6/30/2021 6pm – 10p	LECTURE:12-Lead ECG Part 1 - Basic 12 Lead Interpretation (Q13)  LABS: 12 lead ECG - 12-lead practice	AEC Lectures  12 Lead ECG for Acute Critical Care Providers  *Static 12-lead Materials*	Quiz 12
MONDAY 7/5/2021 6pm – 10p	LECTURE: 12-Lead ECG - Basic 12 Lead Interpretation (Q13) Continued  LABS: 12 lead ECG - 12-lead practice	AEC Lectures  12 Lead ECG for Acute Critical Care Providers  *Static 12-lead Materials*	
WEDNESDAY 7/7/2021 6pm – 10pm	<u>LECTURE: 12-Lead ECG-Part 2</u> - Advanced 12 Lead Interpretation (Q13)	AEC Lectures  12 Lead ECG for Acute Critical Care Providers  *Static 12-lead Materials*	
SUNDAY 7/11/2021 9am – 5pm	LABS: 12 leads - 12-lead practice - Cardiac Scenarios  Equipment Maintenance		
MONDAY 7/12/2021 6pm – 10p	LAB: COMPETENCY SIGN-OFFS  - Static Cardiology - Dynamic Cardiology - Cardioversion/Defibrillation/Pacing - Mega Codes (Full Simulations) - Oral Boards - IOOH Scenarios	**Mandatory Attendance**	
WEDNESDAY 7/14/2021 6pm – 10p	LAB: COMPETENCY SIGN-OFFS  - Static Cardiology - Dynamic Cardiology - Cardioversion/Defibrillation/Pacing - Mega Codes (Full Simulations) - Oral Boards	**Mandatory Attendance**	Homework 5 Quiz 13

	- IOOH Scenarios		
SUNDAY 7/18/2021 9am – 5pm	UNIT EXAM 3 – CARDIOLOGY FISDAP/ OPEN LMS  LECTURE: Medical Neurology (Q14)  ** May Begin ICU and Field Rotations after passing Exam 3, Unit 3 Lab Competencies and mid-term evaluations completed by Program Coordinator **	Paramedic Care Vol. 3: Chapter 3 **Mandatory Attendance**	
MONDAY 7/19/2021 6pm – 10p	LECTURE: Medical Medical Endocrinology (Q14) Gastroenterology (Q14)	Paramedic Care Vol.3: Chapter 4, 6	
WEDNESDAY 7/21/2021 6pm – 10p	LECTURE: Medical Urology (Q14) Nephrology (Q14)	Paramedic Care Vol.3: Chapter 7	
SUNDAY 7/25/2021 9am – 5pm	LABS: Neuro/Endocrine/GI/Renal - IOOH Scenarios - Oral Boards - Static Cardiology	Paramedic Care Vol 3: Chapter 5 and 9 Meet with students individually to review Mid-Term Progress Reports and FISDAP progress	
MONDAY 7/26/2021 6pm – 10p	LECTURE: Medical Medical Immunology (Q15) Hematology (Q15)	Meet with students individually to review Mid-Term Progress Reports and FISDAP progress	
WEDNESDAY 7/28/2021 6pm – 10p	<u>LECTURE: Medical</u> Infectious Disease/Sepsis (Q15)	Paramedic Care Vol 3: Chapter 10	Homework 6 Quiz 14
SUNDAY 8/1/2021 9am – 5pm	LABS: Immunology/Hematology/ Sepsis - Oral Boards - IOOH Scenarios - Dynamic Cardiology		

MONDAY 8/2/2021 6pm – 10p	LECTURE: Medical Psychiatric and Behavioral Disorders (Q15)	Paramedic Care Vol 3: Chapter 11	
WEDNESDAY 8/4/2021 6pm – 10p	LECTURE: Medical Toxicology and Substance Abuse (Q15)	Paramedic Care Vol 3: Chapter 8	
MONDAY 8/9/2021 6pm – 10p	LABS: Immunology/Hematology/ Sepsis - Oral Boards - IOOH Scenarios - Dynamic Cardiology		Homework 7 Quiz 15
WEDNESDAY 8/11/2021 6pm – 10p	UNIT EXAM 4 - MEDICAL FISDAP/ OPEN LMS	Paramedic Care Vol 5: Chapter 1 and 2 **Mandatory Attendance**	
SUNDAY 8/15/2021 9am – 5pm	MID-TERM PSYCHOMOTOR TESTING  - Dynamic Cardiology - Static Cardiology - Oral Boards - IOOH Scenario  ** May begin ICU rotations after passing Exam 4, Unit 4 Lab Competencies, Mid-term Psychomotor Testing and Mid-Term evaluations completed by Program Coordinator **	**Mandatory Attendance**	
MONDAY 8/16/2021 6pm – 10p	LECTURE: OB/Gyn Gynecology (Q16) Obstetrics (Q16)	Paramedic Care Vol 5: Chapter 1 and 2	
WEDNESDAY 8/18/2021 6pm – 10p	LECTURE: Neonates Neonates (Q16)	Paramedic Care Vol 5: Chapter 3	
MONDAY 8/23/2021 6pm – 10p	LAB: Deliveries - Deliveries Normal (3)/ Abnormal (2) - Infant/ Pediatric Airway Management/ IO		

WEDNESDAY 8/25/2021 6pm – 10p	<u>LECTURE: Pediatrics</u> Pediatrics (Q17) Pediatric Pharmacology w/ Manual	Paramedic Care Vol 5: Chapter 4	Quiz 16  Distribute PALS  eBooks (contact Cori)
SUNDAY 8/29/2021 9ma – 5pm	PALS DAY 1 and 2 DVD Components and PALS Overview  LABS: Infant/Pediatrics - BLS Cardiac Arrest Management - Airway Management - Vascular Access/IO - Practice Scenarios - Cardiac/Respiratory/Shock (IOOH)	AHA PALS Provider Manual  **Mandatory Attendance**	
MONDAY 9/6/2021 6pm – 10p	PALS DAY 3 Cardiac/Respiratory/Shock Practice  LAB: PALS/Pediatric Scenarios - PALS Practice Scenarios - Cardiac/Respiratory/Shock (IOOH) - Oral Boards - Infant/Peds Mega code	AHA PALS Provider Manual  ***Mandatory Attendance***	
WEDNESDAY 9/8/2021 6pm – 10p	PALS DAY 4 Cardiac/Respiratory/Shock Practice  LAB: COMPETENCY SIGN-OFFS - PALS Scenarios - Cardiac/Respiratory/Shock (IOOH) - Infant/Peds Mega code	AHA PALS Provider Manual  **Mandatory Attendance**	
MONDAY 9/13/2021 6pm – 10p	PALS DAY 5 WRITTEN EXAM PRACTICAL EXAM	AHA PALS Provider Manual  **Mandatory Attendance**	Homework 8 Quiz 17
WEDNESDAY 9/15/2021 6pm – 10pm	UNIT EXAM 5 - OB/GYN/PEDIATRIC FISDAP/ OPEN LMS  ** May Begin Peds and L&D Rotations after passing Exam 5, passing PALS certification course and Unit 5 Lab Competencies **	**Mandatory Attendance**	
SUNDAY 9/19/2021 9am – 5pm	LECTURE: Trauma Trauma Systems (Q18) Mechanism of Injury (Q18) Hemorrhage and Shock (Q18) Soft Tissue Trauma (Q18)	Paramedic Care Vol 4: Chapter 1-4, and 5	

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MONDAY 9/20/2021 6pm – 10pm	<u>LECTURE: Trauma</u> Burns (Q19) Rule of 9's/ Parkland Formula Review	Paramedic Care Vol 4: Chapter 1-4, and 5	
WEDNESDAY 9/22/2021 6pm – 10p	<u>LECTURE: Trauma</u> Head, Neck and Spinal Trauma (Q19)	Paramedic Care Vol 4: Chapter 6	
SUNDAY 9/26/2021 6pm – 10p	LECTURE: Trauma Chest Trauma (Q19)  Pharmacology and Treatment Overview  LAB: Trauma  - Bandaging/Bleeding Control - Needle Thoracostomy - NR Trauma Assessments - Bandaging/Splinting	Paramedic Care Vol 4: Chapter 7	
MONDAY 9/27/2021 6pm – 10p	LECTURE: Trauma Abdominal and Pelvic Trauma (Q19) Orthopedic Trauma (Q19)	Paramedic Care Vol 4: Chapter 8 and 9	Quiz 18
WEDNESDAY 9/29/2021 6pm – 10p	LECTURE: Trauma  Non-Traumatic Musculoskeletal System (Q19) Environmental Trauma (Q19)	Paramedic Care Vol 3: Chapter 13 Paramedic Care Vol 4: Chapter 10	
SUNDAY 10/3/2021 9am – 5pm	LAB: Trauma - NR Oral Boards - NR Trauma Assessments - NR IOOH - Peer Led Labs (Traction Splint, Backboard/KED)		
MONDAY 10/4/2021 9am – 5pm	LAB: Trauma - NR Oral Boards - NR Trauma Assessments - NR IOOH - Peer Led Labs (Traction Splint, Backboard/KED)		
WEDNESDAY 10/6/2021 6pm – 10p	LAB: Trauma - NR Oral Boards - NR Trauma Assessments - NR IOOH - Pediatric Trauma Scenarios		

MONDAY 10/11/2021 6pm – 10pm	LAB: COMPETENCY SIGN-OFFS  - NR Oral Boards  - NR Trauma Assessments  - NR IOOH  - Pediatric Trauma Scenarios	**Mandatory Attendance**	Homework 9 Quiz 19
WEDNESDAY 10/13/2021 6pm – 10pm	LAB: COMPETENCY SIGN-OFFS - NR Oral Boards - NR Trauma Assessments - NR IOOH - Pediatric Trauma Scenarios	**Mandatory Attendance**	
MONDAY 10/18/2021 6pm – 10pm	UNIT EXAM 6 – TRAUMA FISDAP/ OPEN LMS	**Mandatory Attendance**	
WEDNESDAY 10/20/2021 6pm – 10pm	LECTURE: Special Patient Populations Geriatric Emergencies (Q20) Abuse, Neglect, and Assault (Q20)		
MONDAY 10/25/2021 6pm – 10pm	Emergencies for the Challenged Patient (Q20) Acute Interventions for the Chronic Care Patient (Q20) RESEARCH PRESENTATIONS		
WEDNESDAY 10/27/2021 6pm – 10p	RESEARCH PRESENTATIONS (continued)  Treatment Algorithms Pharmacology Overview  FINAL EXAM AND NATIONAL REGISTRY PREP		Homework 10 Quiz 20
SUNDAY 10/31/2021 9am – 5pm	ACLS Day 1 and 2 DVD and ACLS Power Point  LABS: ACLS - Airway Management - Electrical Therapy - BLS CPR - Algorithm Stations (Tachycardia, Bradycardia, Arrest, ACS)	**Mandatory Attendance**	
MONDAY 11/1/2021 6pm – 10p	ACLS Day 3  LABS: ACLS Algorithms Continued (Tachycardia, Bradycardia, Arrest, ACS)	**Mandatory Attendance**	

WEDNESDAY 11/3/2021 6pm – 10pm	ACLS: Day 4 WRITTEN EXAM MEGA CODE TESTING (IOOH/Dynamic Cardiology)	**Mandatory Attendance**	
MONDAY 11/8/2021 6pm – 10p	FINAL COGNITIVE EXAM  ALL ELIGIBLE STUDENTS BEGIN CAPSTONE  ** Eligible - Must have completed ALL minimum hospital and field rotation hours, gained at least 30 Team Leads, and at least taken the first attempt at the FISDAP Final Exam **	**Mandatory Attendance**  100% of Clinical and Regular Field Experience Hours must be complete	
WEDNESDAY 11/10/2021 6pm – 10p	FINAL FISDAP EXAM (retest)  NR Psychomotor Final Exam PRACTICE	**Mandatory Attendance**	
MONDAY 11/15/2021 6pm – 10p	PROGRAM PRACTICAL FINAL EXAM Part 1  - Static/Dynamic - Oral Boards - Trauma	**Mandatory Attendance**	
WEDNESDAY 11/17/2021 6pm – 10p	PROGRAM PRACTICAL FINAL EXAM Part 2  - Static/Dynamic - Oral Boards - Trauma - IOOH Scenarios  CLASS GRADUATION PHOTOS TAKEN	**Mandatory Attendance**	
SUNDAY 11/21/2021 9am – 5pm	LAB: A Day in the Life Guidelines for the New ALS Provider Program Director/Medical Director/Program Coordinator Student meetings	Final Progress Reports Signed PC Final Affective Domain Evaluation	
	EARLY ELIGIBILITY DETERMINATION DEADLINE for NATIONAL REGISTRY NOVEMBER 19, 2021.	Don't forget to turn in your binders to the AEC Training Center upon completion of your Capstone so you can get your NR CBT Voucher	
MONDAY 11/22/2021 6pm – 10p	National Registry CBT Test Preparation and Curriculum Review	Don't forget to turn in your binders to the AEC Training Center upon completion of your Capstone so you can get your NR CBT Voucher	

MONDAY 11/29/2021 6pm – 10p	NATIONAL REGISTRY PSYCHOMOTOR PRACTICE	Don't forget to turn in your binders to the AEC Training Center upon completion of your Capstone so you can get your NR CBT Voucher	
WEDNESDAY 12/1/2021 6pm – 10p	NATIONAL REGISTRY PSYCHOMOTOR PRACTICE	Don't forget to turn in your binders to the AEC Training Center upon completion of your Capstone so you can get your NR CBT Voucher	
FRIDAY 12/3/2021 5pm – 9pm	LAST CHANCE NATIONAL REGISTRY PSYCHOMOTOR PRACTICE!	AEC Training Center 8886 Rixlew Lane Manassas, VA 20109	
SATURDAY 12/4/2021 7am - COMPLETION	NATIONAL REGISTRY PSYCHOMOTOR EXAM Early Eligibility Candidates ONLY  ** EARLY ELIGIBILITY ** requires that all minimum hospital and regular field hours have been completed, at least 30 team leads gained, and the FISDAP final exam has been passed	AEC Training Center 8886 Rixlew Lane, 2nd Floor Manassas, VA 20109	
	** CAPSTONE FIELD INTERNSHIP ** Must finish within 90 days past the final cognitive exam.  Must be finished by FEBRUARY 9, 2022 to be considered on-time graduation.  If not complete by FEBRUARY 9 <sup>th</sup> , 2022, Student will be documented as "FAILED" from the program and will not have any additional opportunity to complete the course or obtain National Registry certification.	Don't forget to turn in your binders to the AEC Training Center upon completion of your Capstone so you can get your NR CBT Voucher	