

ASSOCIATES IN EMERGENCY CARE, LLC

Emergency Medical Technician to PARAMEDIC PROGRAM

MONDAY/ TUESDAY/ WEDNESDAY/ THURSDAY/FRIDAY: 0800-1600

ALEXANDRIA

DAY DATE TIME	CONTENT	READING ASSIGNMENT	ASSIGNMENT DUE
TUESDAY 5/11/2021 8am - 4pm	Pre-Orientation Technology Setup iPad Distribution MyBradyLab Registration Clinical Paperwork Hospital Orientations	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**	
5/14/2021 BY 5PM	DROP DATE	FULL REFUND MINUS THE NON-REFUNDABLE DEPOSIT AND COST OF GOODS	
MONDAY 5/24/2021 8am - 4pm	**All preparatory homework topic videos should be watched before today's date** <u>LECTURE: Anatomy and Physiology</u> Intro to A&P and Pathophysiology (Q2) Research Paper Overview	Paramedic Care Vol 1: Chapter 12	Homework 1 Quiz 1 Enrollment Documentation Due
TUESDAY 5/25/2021 8am - 4pm	<u>LECTURE: Pharmacology</u> Introduction to Pharmacology (Q3) Intro to Pharmacology Manual Introduction to Med Math (Q4)	AEC Lectures Pharmacology Manual AEC Med Math Handout	
WEDNESDAY 5/26/2021 8am - 4pm	<u>LECTURE: Med Math</u> Introduction to Med Math...continued (Q4) <u>LAB: IV Access/Med Math</u> - "Show and Tell" Tutorial - IV Arm/Hand - IV Access "Poke and Hope" - Med Math	**Mandatory Attendance**	

THURSDAY 5/27/2021 8am - 4pm	<p><u>LECTURE: Pharmacology</u> Medication Administration (Show & Tell) (Q4)</p> <p><u>LAB: Med Admin/Med Math</u> - IV/IV Bolus, IO, IV Drip /Piggyback, EJ - Med Math</p>	Paramedic Care Vol. 1: Chapter 14	Quiz 2
FRIDAY 5/28/2021 8am - 4pm	<p><u>LAB: Med Admin/Med Math</u> - IV/IV Bolus, IO, IV Drip /Piggyback, EJ - IM, SQ, Rectal, PO, SL, Nebulizer - Med Math</p>		Quiz 3 Immunizations and Hospital Orientations Due
TUESDAY 6/1/2021 8am - 4pm	<p><u>LECTURE:</u> Patient Assessment 1 (Q5) Patient Assessment 2 (Q5)</p> <p>** Any portion of the lectures not finished can be done for Homework **</p>	Paramedic Care Vol.2: Chapter 1-5, 6 and 7	Research Topic Due
WEDNESDAY 6/2/2021 8am - 4pm	<p><u>LAB: Patient Assessments</u> - Primary Assessment Drills - Secondary Assessment Drills - Complete Assessments/Team Leader/ Team Member</p>		Homework 2 Quiz 4
THURSDAY 6/3/2021 8am - 4pm	<p><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)</p>	Paramedic Care Vol. 5: Chapter 9, 10, 11, 12	
FRIDAY 6/4/2021 8am - 4pm	<p><u>LECTURE: Operations Day 2</u> Hazmat (Q6) Crime Scene Awareness (Q6) Rural EMS (Q6) Terrorism (Q6) (HW if not completed in class)</p>	Paramedic Care Vol. 5: Chapter 13, 14, 15, 16	Quiz 5
MONDAY 6/7/2021 8am - 4pm	<p><u>LAB: Patient Assessments/ Med Admin/ MCI</u> - Patient Assessments/Team Leader/ Team Member - Medication Administration/Med Math - MCI</p>		Homework 3 Quiz 6 COMEVO Online Orientation for both Clinical Rotation Manual and FISDAP Tutorials Due.
TUESDAY 6/8/2021 8am - 4pm	<p>UNIT EXAM 1 - OPERATIONS/MED MATH FISDAP/OPEN LMS</p> <p>CLINICAL ROTATION OVERVIEW (1 hour)</p> <p><u>LAB: COMPETENCY SIGN-OFFS</u></p>	**Mandatory Attendance**	

	<ul style="list-style-type: none"> - Medication Administration - IV, IV Bolus, IO, IV Drip/Piggyback, EJ - IM, SQ, Rectal, PO, SL, Nebulizer, Med Math - Patient Assessment <p style="text-align: center; color: green;">** May begin ED rotations after passing Exam 1 and Lab Competencies **</p> <p style="text-align: center; color: green;">As long as cleared by Student Documentation</p>		
WEDNESDAY 6/9/2021 8am - 4pm	<p><u>LECTURES: AEC/Brady Respiratory</u> Respiratory A&P (Q7) Pulmonology (Q7) Respiratory Pharmacology (Q7)</p>	AEC Lectures Paramedic Care Vol. 3: Chapter 1	
THURSDAY 6/10/2021 8am - 4pm	<p><u>LECTURES: Brady Respiratory Material</u> Airway Management and Ventilation (Q8) Show & Tell Capnography Overview</p> <p><u>LAB: Respiratory Lab Day 1</u> - BLS Airway Management - Suction/Capnography - CPAP/Nebulizer/Meds</p>	Paramedic Care Vol. 3: Chapter 1 and 15	
FRIDAY 6/11/2021 8am - 4pm	<p><u>LAB: Respiratory Lab Day 2</u> - BLS Supraglottic - ALS ET Intubation - Bougie/Suction (French Catheter) - Lung Sounds</p>		Quiz 7
MONDAY 6/14/2021 8am - 4pm	<p><u>LAB: Respiratory Lab Day 3</u> - IOOH (Respiratory Scenarios) - Oral Boards (Respiratory) - Peer Evaluated Airway Labs</p>		
TUESDAY 6/15/2021	HOSPITAL ROTATIONS		
WEDNESDAY 6/16/2021	HOSPITAL ROTATIONS		
THURSDAY 6/17/2021 8am - 4pm	<p><u>LAB: Respiratory Lab Day 4</u> - IOOH (Respiratory Scenarios) - Oral Boards (Respiratory) - Peer Evaluated Airway Labs - Stressed Airway Labs/SALAD</p>		Homework 4 Quiz 8
FRIDAY 6/18/2021 8am - 4pm	<p style="text-align: center; color: red;">UNIT EXAM 2 – AIRWAY/RESPIRATORY FISDAP/ OPEN LMS</p> <p><u>LAB: COMPETENCY SIGN-OFFS</u> - All airway skills should be evaluated and signed off</p>	**Mandatory Attendance**	

<p>MONDAY 6/21/2021 8am - 4pm</p>	<p><u>LECTURE: AEC/Brady Material</u> Cardiac A&P (Q9) Cardiology Session 1 (Slides 1-190) (Q9)</p>	<p>AEC Lectures Paramedic Care Vol. 3: Chapter 2</p>	
<p>TUESDAY 6/22/2021</p>	<p>HOSPITAL ROTATIONS</p>		
<p>WEDNESDAY 6/23/2021</p>	<p>HOSPITAL ROTATIONS</p>		
<p>THURSDAY 6/24/2021 8am - 4pm</p>	<p><u>LAB: Cadaver Lab</u> - ET Intubation - Chest Decompression - IO - Surgical Airway - Supraglottic Airway - RSI - Cardiac Anatomy - Abdominal Anatomy - Respiratory Anatomy</p> <p>** May Begin OR Rotations after passing Exam 2, Unit 2 Lab Competencies and attending Cadaver Lab **</p>	<p>** CADAVER LAB DAY ** AEC TRAINING CENTER 8886 Rixlew Lane 2nd Floor Manassas, VA 2009</p> <p>**Mandatory Attendance**</p>	<p>Quiz 9</p>
<p>FRIDAY 6/25/2021 8am - 4pm</p>	<p><u>LECTURE: AEC/Brady Material</u> Electrophysiology (Q9) How to read an ECG (Q10) Sinus (Q10) Atrial (Q10) SVT and Narrow Complex Tachycardia (Q11) Junctional Rhythms (Q11)</p> <p>***ACLS Algorithm Overview***</p>	<p>AEC Lectures Handouts should be printed OPEN LMS resources contain Cardiology documents</p>	<p>ACLS eBooks distributed (Contact Cori)</p>
<p>MONDAY 6/28/2021 8am - 4pm</p>	<p><u>LECTURE: Cardiology</u> Bradycardia (Q11) AV Blocks (Q11)</p> <p>*ACLS Algorithms Overview*</p> <p><u>LECTURE: Cardiology</u> WPW/Pacer (Q12) PEA/Asystole (Q12) Ventricular Arrhythmias (Q12) V-Tach w/Pulse (Q12) V-Fib/Pulseless V-Tach (Q12)</p>	<p>AEC Lectures</p>	
<p>TUESDAY 6/29/2021</p>	<p>HOSPITAL ROTATIONS</p>		
<p>WEDNESDAY 6/30/2021</p>	<p>HOSPITAL ROTATIONS</p>		
<p>THURSDAY 7/1/2021 8am - 4pm</p>	<p><u>LECTURE:</u> H's and T's Rhythm Identification Algorithm Meds</p>	<p>AEC Power Points AHA ACLS Provider Manual</p>	<p>Quiz 10</p>

FRIDAY 7/2/2021 8am - 4pm	<p>LECTURE: Cardiology ACLS PPT and Algorithm Overview Pharmacology Review for Cardiology with Pharmacology Manual</p> <p>LABS: Cardiology/ACLS Algorithms - Rhythm Identification - Static Cardiology</p>	AHA ACLS Provider Manual AEC Power Points	
MONDAY 7/5/2021	INDEPENDENCE DAY OBSERVED		
TUESDAY 7/6/2021	HOSPITAL ROTATIONS		
WEDNESDAY 7/7/2021 8am - 4pm	<p>LAB: Cardiac-ACLS and NR Labs MEDS Algorithms - Static Cardiology - Oral Boards</p>	AHA ACLS Provider Manual	Quiz 11
THURSDAY 7/8/2021 8am - 4pm	<p>LECTURE: Cardiology Cardiology Session 2 (Q13)</p> <p>LABS: Cardiology/ACLS Algorithms - Oral Boards -Static/Algorithms</p>	Paramedic Care Vol 3: Chapter 2 AHA ACLS Provider Manual	
FRIDAY 7/9/2021 8am - 4pm	<p>LAB: Cardiac-ACLS and NR Labs - Static Cardiology - IOOH Cardiac Virtual Assessments - Oral Boards Respiratory/Cardiac/Meds</p>	AEC Power Points AHA ACLS Provider Manual	
MONDAY 7/12/2021 8am - 4pm	<p>LECTURE: 12-Lead ECG-Part 1 Basic 12 Lead Interpretation (Q13)</p> <p>LABS: 12 leads - 12-lead practice</p>	AEC Lectures 12 Lead ECG for Acute Critical Care Providers **Static 12-lead Materials**	Quiz 12
TUESDAY 7/13/2021	HOSPITAL ROTATIONS		
WEDNESDAY 7/14/2021	HOSPITAL ROTATIONS		
THURSDAY 7/15/2021 8am - 4pm	<p>LECTURE: 12-Lead ECG-Part 2 Advanced 12 Lead Interpretation (Q13)</p> <p>LABS: 12 leads - 12-lead practice</p>	AEC Lectures 12 Lead ECG for Acute Critical Care Providers **Static 12-lead Materials**	

FRIDAY 7/16/2021 8am - 4pm	<p><u>LAB: 12 Leads and Respiratory</u></p> <ul style="list-style-type: none"> - Static Cardiology - Cardioversion/Defibrillation/Pacing Overview - Oral Boards - IOOH Scenarios Virtual Assessments 	**Mandatory Attendance**	
MONDAY 7/19/2021 8am - 4pm	<p><u>LAB: 12 Leads and Respiratory</u></p> <ul style="list-style-type: none"> - Static Cardiology - Cardioversion/Defibrillation/Pacing Overview - Oral Boards - IOOH Scenarios Virtual Assessments Exam Review Kahoot/Study Guide 	**Mandatory Attendance**	Homework 5 Quiz 13
TUESDAY 7/20/2021	HOSPITAL ROTATIONS		
WEDNESDAY 7/21/2021	HOSPITAL ROTATIONS		
THURSDAY 7/22/2021 8am - 4pm	<p>UNIT EXAM 3 – CARDIOLOGY FISDAP/ OPEN LMS</p> <p><u>LECTURE: Medical</u> Neurology (Q14)</p> <p>** May begin field rotations upon successful completion of FISDAP/OPEN LMS Exams, Cardiac Lab Competencies, and Mid-Term Psychomotor evaluations **</p>	**Mandatory Attendance**	
FRIDAY 7/23/2021 8am - 4pm	<p><u>LECTURE: Medical</u></p> <ul style="list-style-type: none"> Medical Endocrinology (Q14) Gastroenterology (Q14) Urology (Q14) Nephrology (Q14) 	<p>Paramedic Care Vol. 3: Chapter 4, 6, 7</p> <p>Meet with students individually to review Mid-Term Progress Reports and FISDAP progress</p>	
MONDAY 7/26/2021 8am - 4pm	<p><u>LABS: Neuro/Endocrine/GI/Renal</u></p> <ul style="list-style-type: none"> - Oral Boards - Static Cardiology Virtual Assessments 	<p>Meet with students individually to review Mid-Term Progress Reports and FISDAP progress</p>	
TUESDAY 7/27/2021	HOSPITAL ROTATIONS		
WEDNESDAY 7/28/2021	HOSPITAL ROTATIONS		

THURSDAY 7/29/2021 8am - 4pm	<u>LECTURE: Medical</u> Immunology (Q15) Hematology (Q15) Infectious Disease/Sepsis (Q15)	Paramedic Care Vol 3: Chapter 5, 9, 10	
FRIDAY 7/30/2021 8am - 4pm	<u>LABS: Immunology/Hematology/ Sepsis</u> - Oral Boards - IOOH Scenarios - Pharmacology		Homework 6 Quiz 14
MONDAY 8/2/2021 8am - 4pm	<u>LECTURE: Medical</u> Infectious Disease/Sepsis Continued... Psychiatric and Behavioral Disorders (Q15) Medical Toxicology and Substance Abuse (Q15)	Paramedic Care Vol 3: Chapter 8, 10, and 11	
TUESDAY 8/3/2021	ROTATIONS		
WEDNESDAY 8/4/2021	ROTATIONS		
THURSDAY 8/5/2021 8am - 4pm	<u>LABS: Psych/Behavioral/Toxicology/ Substance Abuse</u> - Oral Boards - IOOH Scenarios - Dynamic Cardiology		Homework 7 Quiz 15
FRIDAY 8/6/2021 8am - 4pm	UNIT EXAM 4 - MEDICAL FISDAP/ OPEN LMS <u>LECTURE: OB/Gyn</u> Gynecology (Q16) Obstetrics (Q16)	Paramedic Care Vol 5: Chapter 1 and 2 **Mandatory Attendance**	
MONDAY 8/9/2021 8am - 4pm	<u>MID-TERM PSYCHOMOTOR TESTING</u> - Dynamic - Static - 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**	
TUESDAY 8/10/2021	ROTATIONS		
WEDNESDAY 8/11/2021	ROTATIONS		

THURSDAY 8/12/2021 8am - 4pm	<p><u>LECTURE: Neonates</u> Neonates (Q16)</p> <p><u>LAB: Deliveries</u> - Deliveries Normal (3)/ Abnormal (2) - Infant/ Ped Airway Management/ IO</p>		
FRIDAY 8/13/2021 8am - 4pm	<p><u>LECTURE: Pediatrics</u> Pediatrics (Q17) Pediatric Pharmacology w/ Manual</p>	Paramedic Care Vol 5: Chapter 4	PALS eBooks distributed (Contact Cori)
MONDAY 8/16/2021 8am - 4pm	<p><u>PALS Day 1</u> DVD Components and PALS Overview</p> <p><u>LABS: Infant/Pediatrics</u> - BLS Cardiac Arrest Management - Airway Management - Vascular Access/IO - Practice Scenarios - Cardiac/Respiratory/Shock (IOOH)</p>	AHA PALS Provider Manual **Mandatory Attendance**	Quiz 16
TUESDAY 8/17/2021	ROTATIONS		
WEDNESDAY 8/18/2021	ROTATIONS		
THURSDAY 8/19/2021 8am - 4pm	<p><u>PALS Day 2</u></p> <p><u>LAB: PALS/Pediatric Scenarios</u> - PALS Practice Scenarios - Cardiac/Respiratory/Shock (IOOH) - Oral Boards - Infant/Peds Mega Code</p>	AHA PALS Provider Manual **Mandatory Attendance**	Homework 8 Quiz 17
FRIDAY 8/20/2021 8am - 4pm	<p><u>PALS Day 3</u> Cardiac/Respiratory/Shock Practice</p> <p><u>LAB: COMPETENCY SIGN-OFFS</u> - PALS Scenarios - Cardiac/Respiratory/Shock (IOOH) - Infant/Pediatric Mega Code</p> <p>TESTING: PALS Written Exam PALS Practical Exam</p>	AHA PALS Provider Manual **Mandatory Attendance**	
MONDAY 8/23/2021 8am - 4pm	<p>UNIT EXAM 5 - OB/GYN/PEDIATRICS FISDAP/ OPEN LMS</p> <p><u>LECTURE: Trauma</u> Trauma Systems (Q18) Mechanism of Injury (Q18)</p> <p>** Students may begin L&D and Peds Clinicals after successful completion of Unit 5 exams, and lab competency evaluations **</p>	Paramedic Care Vol 4: Chapter 1 and 2 **Mandatory Attendance**	
TUESDAY 8/24/2021	ROTATIONS		

WEDNESDAY 8/25/2021	ROTATIONS		
THURSDAY 8/26/2021 8am - 4pm	LECTURE: Trauma Hemorrhage and Shock (Q18) Soft Tissue Trauma (Q18) Burns (Q19) Rule of 9's/ Parkland Formula Review	Paramedic Care Vol 4: Chapter 3, 4, and 5	
FRIDAY 8/27/2021 8am - 4pm	LECTURE: Trauma Head, Neck and Spinal Trauma (Q19) Chest Trauma (Q19)	Paramedic Care Vol 4: Chapter 6 and 7	
MONDAY 8/30/2021 8am - 4pm	LAB: Trauma - Bandaging - Bleeding Control - Splinting/Pelvic Stabilization - Needle Thoracostomy - NR Trauma Assessments		Quiz 18
TUESDAY 8/31/2021	ROTATIONS		
WEDNESDAY 9/1/2021	ROTATIONS		
THURSDAY 9/2/2021 8am - 4pm	LECTURE: Trauma Abdominal and Pelvic Trauma (Q19) Orthopedic Trauma (Q19) Non-Traumatic Musculoskeletal System (Q19) Environmental Trauma (Q19)	Paramedic Care Vol. 3 Chapter 13 Paramedic Care Vol 4: Chapter 8, 9, and 10	Homework 9 Quiz 19
FRIDAY 9/3/2021 8am - 4pm	LAB: Trauma - NR Oral Boards - NR Trauma Assessments - NR IOOH - Peer Led Labs (Traction Splint, Backboard/KED)		
MONDAY 9/6/2021	LABOR DAY NON-CAREER CAN DO ROTATIONS		
TUESDAY 9/7/2021	ROTATIONS		
WEDNESDAY 9/8/2021 8am - 4pm	UNIT EXAM 6 – TRAUMA FISDAP/ OPEN LMS LAB: COMPETENCY SIGN-OFFS - NR Oral Boards - NR Trauma Assessments - NR IOOH	**Mandatory Attendance**	

THURSDAY 9/9/2021 8am-4pm	<p style="text-align: center;">RESEARCH PRESENTATIONS</p> <p style="text-align: center;">ACLS Day 1: DVD and ACLS Power Point</p> <p style="text-align: center;">LABS: ACLS - Airway Management - Scenario Practice (Tachycardia/Bradycardia/Mega Codes)</p>	<p style="text-align: center;">RESEARCH PRESENTATION</p> <p style="text-align: center;">**Mandatory Attendance**</p>	
FRIDAY 9/10/2021 8am - 4pm	<p style="text-align: center;">ACLS Day 2: TESTING Practical Exam (Tachycardia, Bradycardia, Arrest, ACS) Written Exam</p> <p style="text-align: center;">FINAL PRACTICAL EXAM 1 - Static/Dynamic Cardiology - Oral Boards</p> <p style="text-align: center;">GRADUATION PHOTOS TAKEN</p>	<p style="text-align: center;">**Mandatory Attendance**</p>	<p style="text-align: center;">Homework 10 Quiz 20</p>
MONDAY 9/13/2021 8am - 4pm	<p style="text-align: center;">FINAL COGNITIVE EXAM</p> <p style="text-align: center;">FINAL PRACTICAL EXAM 2 - IOOH - Trauma</p> <p style="text-align: center;">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 **</p>	<p style="text-align: center;">**Mandatory Attendance**</p> <p style="text-align: center;">Final Progress Reports Signed</p> <p style="text-align: center;">PC Final Affective Domain Evaluation</p>	<p style="text-align: center;">** 100% of Clinical and Regular Field Experience Hours complete **</p>
THURSDAY 9/16/2021 8am - 4pm	<p style="text-align: center;">LAB PORTFOLIO MAINTENANCE</p> <p style="text-align: center;">National Registry Skills Day</p>	<p style="text-align: center;">Final Progress Reports Signed</p> <p style="text-align: center;">PC Final Affective Domain Evaluation</p>	
	<p style="text-align: center;">EARLY ELIGIBILITY DETERMINATION DEADLINE for NATIONAL REGISTRY SEPTEMBER 3, 2021. THE FINAL COGNITIVE EXAM MUST BE PASSED BEFORE 9/18/2021.</p>		
FRIDAY 9/17/2021 5pm – 9pm	<p style="text-align: center;">LAST CHANCE NATIONAL REGISTRY PSYCHOMOTOR PRACTICE! (Optional)</p>	<p style="text-align: center;">AEC Training Center 8886 Rixlew Lane, 2nd Floor Manassas, VA 20109</p>	
SATURDAY 9/18/2021 7am – COMPLETION	<p style="text-align: center;">NATIONAL REGISTRY PSYCHOMOTOR EXAM Early Eligibility Candidates ONLY</p> <p style="text-align: center;">**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**</p>	<p style="text-align: center;">AEC Training Center 8886 Rixlew Lane, 2nd Floor Manassas, VA 20109</p>	

	<p>** CAPSTONE FIELD INTERNSHIP ** Must finish within 90 days past the final cognitive exam.</p> <p>Must be finished by DECEMBER 12, 2021 to be considered on-time graduation.</p> <p>If not complete by DECEMBER 12th, 2021, 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.</p>		
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