

ASSOCIATES IN EMERGENCY CARE, LLC
 Emergency Medical Technician to PARAMEDIC PROGRAM
 TUESDAYS AND SATURDAYS: 0900 - 1700
 AEC TRAINING CENTER – MANASSAS

| DAY DATE TIME | CONTENT | READING ASSIGNMENT | ASSIGNMENT DUE |
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| TUESDAY 1/12/2021 9am – 5pm | Pre-Orientation Technology Setup iPad Distribution Digital Library 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** | |
| FRIDAY 1/15/2021 BY 5PM | DROP DATE | FULL REFUND MINUS COST OF GOODS AND NON-REFUNDABLE DEPOSIT | |
| TUESDAY 1/19/2021 9am – 5pm | ** All preparatory homework topic videos should be watched before today's date ** <u>LECTURE: Pathophysiology</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 1/26/2021 9am – 5pm | <u>LECTURE: Pharmacology</u> Introduction to Pharmacology (Q3) Intro to Pharmacology Manual Introduction to Med Math (Q4) | AEC Lecture Pharmacology Manual AEC Med Math Handout | Quiz 2 |
| SATURDAY 1/30/2021 9am – 5pm | <u>LECTURE: Med Math</u> Introduction to Med Math...cont'd (Q4) <u>LAB: IV Access/Med Math</u> IV Arm/Hand IV Access "Poke and Hope" Med Math | *Mandatory Attendance* | Quiz 3 |

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| TUESDAY 2/2/2021 9am – 5pm | <p>LECTURE: Pharmacology Medication Administration (Show & Tell) (Q4)</p> <p>LAB: Med Admin/Med Math IV, IV Bolus, IO, IV Drip/Piggyback, EJ, Med Math</p> | Paramedic Care Vol. 1: Chapter 14 | |
| TUESDAY 2/9/2021 9am – 5pm/ | <p>LAB: Med Admin/Med Math IV, IV Bolus, IO, IV Drip/Piggyback, EJ, IM, SQ, Rectal, PO, SL, Nebulizer, Med Math Peer Evaluated Labs</p> | | Homework 2 Quiz 4 |
| SATURDAY 2/13/2021 9am – 5pm | <p>LECTURE: Patient Assessment 1 (Q5) Patient Assessment 2 (Q5)</p> <p>** Any portion of the lectures not finished can be done for Homework **</p> <p>** Issue the COMEVO Online Orientations for Clinical and Fisdap Tutorial **</p> | Paramedic Care Vol.2: Chapter 1-5, 6 and 7 | Clinical/Hospital Documentation Due Research Topic Due |
| TUESDAY 2/16/2021 9am – 5pm | <p>LAB: Patient Assessments -Primary Assessment Drills - Secondary Assessment Drills - Complete Assessments/Team Leader/Team Member</p> <p>- Fisdap Practice Lab (Students play student and preceptor roles while completing PRACTICE Clinical Evaluation Forms)</p> | | Quiz 5 |
| SATURDAY 2/20/2021 9am – 5pm | <p>LECTURE: Operations Day 1 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 | |
| TUESDAY 2/23/2021 9am – 5pm | <p>LECTURE: Operations Day 2 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 | Homework 3 Quiz 6 Complete Online Orientation for both Clinical Rotation Manual and Fisdap Tutorials Due. |
| TUESDAY 3/2/2021 9am – 5pm | <p>UNIT EXAM 1 – OPERATIONS/MED MATH FISDAP/MATRIX</p> <p>CLINICAL ROTATION OVERVIEW (1 hour)</p> <p>LAB: COMPETENCY SIGN-OFFS - Medication Administration - IV, IV Bolus, IO, IV Drip/Piggyback, EJ - IM, SQ, Rectal, PO, SL, Nebulizer, Med Math - Patient Assessment</p> <p>** May begin ED rotations after passing</p> | **Mandatory Attendance** | |

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| | Exam 1 and Lab Competencies ** As long as cleared by Student Documentation | | |
| TUESDAY 3/9/2021 9am – 5pm | LECTURES: AEC/Brady Respiratory Respiratory A&P (Q7) Pulmonology (Q7) Respiratory Pharmacology (Q7) | AEC Lectures Paramedic Care Vol. 3: Chapter 1 | |
| SATURDAY 3/13/2021 9am – 5pm | AM: LECTURES: Brady Respiratory Material Airway Management and Ventilation (Q8) Show & Tell Capnography Overview PM: LAB: Respiratory Lab Day 1 -BLS/ALS Airway Management -Suction/Capnography -CPAP/Nebulizer/Meds | Paramedic Care Vol. 3: Chapter 1 and 15 | Quiz 7 |
| TUESDAY 3/16/2021 9am – 5pm | LAB: Respiratory Lab Day 2 -BLS Supraglottic -ALS ET Intubation -Bougie/Suction (French Catheter) -Lung Sounds | | |
| TUESDAY 3/23/2021 9am – 5pm | LAB: Respiratory Lab Day 3 -IOOH (Respiratory Scenarios) -Oral Boards (Respiratory) -Peer Evaluated Airway Labs | | Homework 4 Quiz 8 |
| SATURDAY 3/27/2021 9am – 5pm | UNIT EXAM 2 – AIRWAY/RESPIRATORY FISDAP/MATRIX LAB: COMPETENCY SIGN-OFFS - All Airway skills should be evaluated and signed off | **Mandatory Attendance** | |
| TUESDAY 3/30/2021 9am – 5pm | LECTURE: AEC/Brady Material Cardiac A&P (Q9) Cardiology Session 1 (Slides 1-190) (Q9) | AEC Lectures Paramedic Care Vol. 3: Chapter 2 | |
| TUESDAY 4/6/2021 9am – 5pm | LAB: Cadaver Lab - ET Intubation - Chest Decompression - IO - Surgical Airway - Supraglottic Airway - RSI - Cardiac Anatomy - Abdominal Anatomy - Respiratory Anatomy | ** CADAVER LAB DAY ** | |

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| | ** May Begin OR Rotations after passing Exam 2, Unit 2 Lab Competencies and attending Cadaver Lab ** | | |
| SATURDAY 4/10/2021 9am – 5pm | <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>Rhythm/ AHA Handouts should be printed MATRIX resources contains Cardiology documents</p> | AEC Lectures | Quiz 9 Distribute ACLS eBooks (contact Cori) |
| TUESDAY 4/13/2021 9am – 5pm | <p><u>LECTURE: Cardiology</u> Bradycardia (Q11) AV Blocks (Q11) *Review Rhythm ECG Rhythm Packet/AHA Handouts*</p> <p><u>LABS: ACLS Algorithms Introduction</u> - ECG Monitor Overview- Features/Settings/Functions - Static/Dynamic Cardiology</p> | AEC Lectures | Quiz 10 |
| TUESDAY 4/20/2021 9am – 5pm | <p><u>LECTURE: Dr. Joseph</u> “Chest Pain”</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> | AEC Power Points AEC Lectures AHA ACLS Provider Manual | Quiz 11 |
| SATURDAY 4/24/2021 9am – 5pm | <p><u>LECTURE: Cardiology</u> Cardiology Session 2 (Q13) ACLS PPT and Algorithm Overview</p> <p><u>LABS: Cardiology/ACLS Algorithms</u> - Introduction - Static/Dynamic Cardiology</p> | AHA ACLS Provider Manual Paramedic Care Vol 3: Chapter 2 | |
| TUESDAY 4/27/2021 9am – 5pm | <p><u>LAB: Cardiac-ACLS and NR Labs</u> - Static/Dynamic Cardiology - Cardiac Assessments - IOOH - Oral Board</p> | AHA ACLS Provider Manual Paramedic Care Vol 3: Chapter 2 AEC Power Points | Quiz 12 |

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| <p>TUESDAY 5/4/2021 9am – 5pm</p> | <p><u>LAB: Cardiac-ACLS and NR Labs</u> - Static - Dynamic Cardiology - Oral Boards - IOOH Cardiac Assessments</p> | | |
| <p>SATURDAY 5/8/2021 9am – 5pm</p> | <p><u>LECTURE: 12-Lead ECG-Part 1</u> Basic 12 Lead Interpretation (Q13) <u>LABS: 12 lead ECG</u> - 12-lead practice</p> | <p>AEC Lectures 12 Lead ECG for Acute Critical Care Providers **Static 12-lead Materials**</p> | |
| <p>TUESDAY 5/11/2021 9am – 5pm</p> | <p><u>LECTURE: 12-Lead ECG-Part 2</u> Advanced 12 Lead Interpretation (Q13) <u>LABS: 12 lead ECG</u> - 12-lead practice</p> | <p>AEC Lectures 12 Lead ECG for Acute Critical Care Providers **Static 12-lead Materials**</p> | |
| <p>TUESDAY 5/18/2021 9am – 5pm</p> | <p><u>LAB: COMPETENCY SIGN-OFFS</u> - Static Cardiology - Dynamic Cardiology - Cardioversion/Defibrillation/Pacing - Mega Codes (Full Simulations) - Oral Boards - IOOH Scenarios</p> | <p>**Mandatory Attendance**</p> | <p>Homework 5 Quiz 13</p> |
| <p>SATURDAY 5/22/2021 9am – 5pm</p> | <p>UNIT EXAM 3 – CARDIOLOGY FISDAP/ MATRIX <u>LECTURE:</u> Neurology (Q14) ** May Begin ICU and Field Rotations after passing Exam 3, Unit 3 Lab Competencies and mid-term evaluations completed by Program Coordinator **</p> | <p>Paramedic Care Vol. 3: Chapter 3 **Mandatory Attendance**</p> | |
| <p>TUESDAY 5/25/2021 9am – 5pm</p> | <p><u>LECTURE: Medical</u> Endocrinology (Q14) Gastroenterology Urology Nephrology</p> | <p>Paramedic Care Vol.3: Chapter 4, 6, 7</p> | |
| <p>TUESDAY 6/1/2021 9am – 5pm</p> | <p><u>LABS: Neuro/Endocrine/GI/Renal</u> - IOOH Scenarios - Oral Boards - Static Cardiology</p> | <p>Paramedic Care Vol 3: Chapter 6 and 7 Meet with students individually to review Mid-Term Progress Reports and FISDAP progress</p> | |

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| TUESDAY 6/8/2021 9am – 5pm | <u>LECTURE: Medical</u> Immunology (Q15) Hematology (Q15) Infectious Disease/Sepsis (Q15) | Paramedic Care Vol 3: Chapter 5, 9, 10 Meet with students individually to review Mid-Term Progress Reports and FISDAP progress | Homework 6 Quiz 14 |
| SATURDAY 6/12/2021 9am – 5pm | <u>LABS: Immunology/Hematology/ Sepsis</u> - Oral Boards - IOOH Scenarios - Dynamic Cardiology | Meet with students individually to review Mid-Term Progress Reports and FISDAP progress | |
| TUESDAY 6/15/2021 9am – 5pm | <u>LECTURE: Medical</u> Infectious Disease/Sepsis Cont. Psychiatric and Behavioral Disorders (Q15) Medical Toxicology and Substance Abuse | Paramedic Care Vol 3: Chapter 8 and 11 | Homework 7 Quiz 15 |
| TUESDAY 6/22/2021 9am – 5pm | UNIT EXAM 4 - MEDICAL FISDAP/MATRIX <u>LECTURE: OB/Gyn</u> Gynecology (Q16) Obstetrics (Q16) | **Mandatory Attendance** Paramedic Care Vol 5: Chapter 1 and 2 | |
| SATURDAY 6/26/2021 9am – 5pm | <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 6/29/2021 9am – 5pm | <u>LECTURE: Neonates</u> Neonates (Q16) <u>LAB: Deliveries</u> - Deliveries- Normal (3)/ Abnormal (2) - Infant/ Ped Airway Management/ IO | Paramedic Care Vol 5: Chapter 3 | Quiz 16 |
| TUESDAY 7/6/2021 9am – 5pm | <u>LECTURE: Pediatrics</u> Pediatrics (Q17) Pediatric Pharmacology w/ Manual | Paramedic Care Vol 5: Chapter 4 | Distribute PALS eBooks (contact Cori) |

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| <p>TUESDAY 7/13/2021 9am – 5pm</p> | <p><u>PALS Day 1</u> DVD Components and PALS Overview</p> <p><u>LABS: Infant/Pediatrics</u></p> <ul style="list-style-type: none"> - BLS Cardiac Arrest Management - Airway Management - Vascular Access/IO - Practice Scenarios - Cardiac/Respiratory/Shock (IOOH) | <p>AHA PALS Provider Manual</p> <p>**Mandatory Attendance**</p> | |
| <p>SATURDAY 7/17/2021 9am – 5pm</p> | <p><u>PALS Day 2</u></p> <p><u>LAB: PALS/Pediatric Scenarios</u></p> <ul style="list-style-type: none"> - PALS Practice Scenarios - Cardiac/Respiratory/Shock (IOOH) - Oral Boards - Infant/Peds Mega Code | <p>AHA PALS Provider Manual</p> <p>**Mandatory Attendance**</p> | |
| <p>TUESDAY 7/20/2021 9am – 5pm</p> | <p><u>PALS Day 3</u> Cardiac/Respiratory/Shock Practice</p> <p><u>LAB: COMPETENCY SIGN-OFFS</u></p> <ul style="list-style-type: none"> - PALS Scenarios - Cardiac/Respiratory/Shock (IOOH) - Infant/Peds Mega Code <p><u>TESTING:</u> PALS WRITTEN EXAM PALS PRACTICAL EXAM</p> | <p>AHA PALS Provider Manual</p> <p>**Mandatory Attendance**</p> | <p>Homework 8 Quiz 17</p> |
| <p>SATURDAY 7/24/2021 9am – 5pm</p> | <p>UNIT EXAM 5 - OB/GYN/PEDIATRIC FISDAP/MATRIX</p> <p><u>LECTURE: Trauma</u> Trauma Systems (Q18) Mechanism of Injury (Q18)</p> <p>** May Begin Pediatrics and L&D Rotations after passing Exam 5, passing PALS certification course and Unit 5 Lab Competencies **</p> | <p>**Mandatory Attendance**</p> <p>Paramedic Care Vol 4: Chapter 1 and 2</p> | |
| <p>TUESDAY 7/27/2021 9am – 5pm</p> | <p><u>LECTURE: Trauma</u> Hemorrhage and Shock (Q18) Soft Tissue Trauma (Q18) Burns (Q19) Rule of 9's/ Parkland Formula Review</p> | <p>Paramedic Care Vol 4: Chapter 3, 4, and 5</p> | |
| <p>TUESDAY 8/3/2021 9am – 5pm</p> | <p><u>LECTURE: Trauma</u> Head, Neck and Spinal Trauma (Q19) Chest Trauma (Q19)</p> | <p>Paramedic Care Vol 4: Chapter 6 and 7</p> | <p>Quiz 18</p> |

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| <p>SATURDAY 8/7/2021 9am – 5pm</p> | <p><u>LAB: Trauma</u> - Bandaging - Bleeding Control - Splinting/Pelvic Stabilization - Needle Thoracostomy - NR Trauma Assessments</p> | | |
| <p>TUESDAY 8/10/2021 9am – 5pm</p> | <p><u>LECTURE: Trauma</u> Abdominal and Pelvic Trauma (Q19) Orthopedic Trauma (Q19) Non-Traumatic Musculoskeletal System (Q19) Environmental Trauma (Q19)</p> | <p>Paramedic Care Vol. 3 Chapter 13</p> <p>Paramedic Care Vol 4: Chapter 8, 9, and 10</p> | |
| <p>TUESDAY 8/17/2021 9am – 5pm</p> | <p><u>LAB: Trauma</u> - NR Oral Boards - NR Trauma Assessments - NR IOOH - Peer Led Labs (Traction Splint, Backboard/KED)</p> | | |
| <p>SATURDAY 8/21/2021 9am – 5pm</p> | <p><u>LAB: COMPETENCY SIGN-OFFS</u> - NR Oral Boards - NR Trauma Assessments - NR IOOH</p> | <p>**Mandatory Attendance**</p> | <p>Homework 9 Quiz 19</p> |
| <p>TUESDAY 8/24/2021 9am – 5pm</p> | <p>UNIT EXAM 6 – TRAUMA FISDAP/MATRIX</p> <p><u>LECTURE: Special Patient Populations</u> Geriatric Emergencies (Q20) Abuse, Neglect, and Assault (Q20)</p> | <p>**Mandatory Attendance**</p> | |
| <p>TUESDAY 8/31/2021 9am – 5pm</p> | <p><u>LECTURE: Special Patient Populations</u> Emergencies for the Challenged Patient (Q20) Acute Interventions for the Chronic Care Patient (Q20)</p> <p>RESEARCH PRESENTATIONS</p> | <p>RESEARCH PRESENTATIONS</p> | <p>Homework 10 Quiz 20</p> |
| <p>TUESDAY 9/7/2021 9am – 5pm</p> | <p><u>ACLS Day 1</u> DVD and ACLS Power Point</p> <p><u>LABS: ACLS</u> - Airway Management - Electrical Therapy - BLS CPR</p> | <p>**Mandatory Attendance**</p> <p>Final Progress Reports Signed</p> <p>PC Final Affective Domain Evaluation</p> | |

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| <p>SATURDAY 9/11/2021 9am – 5pm</p> | <p><u>ACLS Day 2</u></p> <p><u>LABS: ACLS Algorithm Stations</u> -Practice Mega Codes</p> <p><u>ACLS TESTING:</u> PRACTICAL EXAM (Tachycardia, Bradycardia, Arrest, ACS) WRITTEN EXAM</p> | <p>**Mandatory Attendance**</p> <p>Final Progress Reports Signed</p> <p>PC Final Affective Domain Evaluation</p> | |
| <p>TUESDAY 9/14/2021 9am – 5pm</p> | <p>FINAL COGNITIVE EXAM</p> <p>NR PSYCHOMOTOR FINAL EXAM - Static/Dynamic - Oral Boards - Trauma - Static Cardiology - Dynamic Cardiology</p> <p><u>ALL ELIGIBLE STUDENTS BEGIN</u> <u>CAPSTONE</u> ** 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>***Mandatory Attendance***</p> <p>100% of Clinical and Regular Field Experience Hours must be complete</p> | |
| | <p>EARLY ELIGIBILITY DETERMINATION DEADLINE for NATIONAL REGISTRY SEPTEMBER 17, 2021.</p> | | |
| <p>TUESDAY 9/21/2021 9am – 5pm</p> | <p>FINAL COGNITIVE EXAM (RETEST)</p> <p>NR PSYCHOMOTOR FINAL EXAM (RETEST)</p> <p>PORTFOLIO MAINTENANCE NATIONAL REGISTRY PRACTICE</p> <p>CLASS GRADUATION PHOTOS TAKEN</p> | | |
| <p>FRIDAY 10/1/2021 5pm – 9pm</p> | <p>LAST CHANCE NATIONAL REGISTRY PSYCHOMOTOR PRACTICE!</p> | <p>AEC Training Center 8886 Rixlew Lane Manassas, VA 20109</p> | |
| <p>SATURDAY 10/2/2021 7a – COMPLETION</p> | <p>NATIONAL REGISTRY PSYCHOMOTOR EXAM Early Eligibility Candidates ONLY</p> <p>** EARLY ELIGIBILITY ** Requires that all minimum hospital and regular field hours have been completed, at least 30 team leads gained, and the</p> | <p>AEC Training Center 8886 Rixlew Lane Manassas, VA 20109</p> | |

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| | FISDAP final exam has been passed. | | |
| | <p>** CAPSTONE FIELD INTERNSHIP **</p> <p>Must finish within 90 days past the final cognitive exam.</p> <p>Must be finished by DECEMBER 13, 2021 to be considered on-time graduation.</p> <p>If not complete by DECEMBER 13, 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> | | |