

ASSOCIATES IN EMERGENCY CARE, LLC
EMT to PARAMEDIC ACADEMY PROGRAM
TUESDAY/ WEDNESDAY/ THURSDAY/FRIDAY: 0900-1700 daily
WINCHESTER

| DAY/DATE TIME | CONTENT | READING ASSIGNMENT |
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| Tuesday 9/3/2019 9am-2pm | Pre-Orientation Technology Setup iPad distribution and Digital Library registration | *Mandatory Attendance* HOMEWORK: Video Library-Preparatory Topics Intro to Paramedicine, EMS Systems, Roles/Responsibilities/Workforce Safety, EMS Research, Public Health, Med/Legal |
| Tuesday 9/17/19 0900-1500 | ***All preparatory homework topic videos should be watched before today's date*** | *Mandatory Attendance* |
| Wednesday 9/18/19 0900-1700 | <u>Lecture: Paramedic Preparatory Topics Part 2</u> Ethics, EMS Communication, Documentation (Q1) Intro/Overview of A&P and Pathophysiology (Q2) Homework 1/Quiz 1 (Preparatory Topics) Due by 2359 | Paramedic Care Vol. 1: Chapters 1-10 Paramedic Care Vol 1: Chapter 12 |
| Thursday 9/19/19 0900-1700 | <i>Research Paper overview</i> <u>LECTURE: Introduction to Pharmacology (Q3)</u> Intro to Pharmacology Manual Introduction to Med Math | AEC Intro to Pharm Powerpoint Pharmacology Manual AEC Med Math Handouts |
| Friday 9/20/19 0900-1700 | Introduction to Med Math...cont'd LAB: IV Access "Show and Tell" Tutorial IV Access "Poke and Hope" Quiz 2: Pathophysiology Due by 23:59 | **** MANDATORY ATTENDANCE **** |
| Tuesday 9/24/19 0900-1700 | LECTURE: Medication Administration (Show & Tell) Q4 LAB: COMPETENCY SIGN-OFF IV, IV Bolus, IO, IV Drip/Piggyback, EJ, Med Math Quiz 3: Pharmacology Due by 23:59 | Paramedic Care Vol. 1: Chapter 14 *Enrollment Documentation Due* |

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| Wednesday 9/25/19 0900-1700 | LAB: COMPETENCY SIGN-OFF IV, IV Bolus, IO, IV Drip/Piggyback, EJ IM, SQ, Rectal administration, Med Math IO, PO, SL, Neb Quiz 4: Med Math/IV Admin Due by 23:59 | |
| Thursday 9/26/19 0900-1700 | LECTURE: Patient Assessment 1 (Q5) HW 2: Med Math/IV Admin Due by 23:59 | Paramedic Care Vol. 2, CH. 1-5 **Due today** Clinical Orientation Paperwork Hospital Orientation Paperwork Research Topic Due |
| Friday 9/27/19 0900-1700 | LECTURE: Patient Assessment 2 (Q5) <i>**Any portion of the lectures not finished can be done for HW**</i> | Paramedic Care Vol. 2, CH. 6,7 |
| Tuesday 10/1/19 0900-1700 | LAB: Patient Assessments | |
| Wednesday 10/2/19 0900-1700 | LAB: Patient Assessments (Intro to IOOH Scenarios) Quiz 5: Patient Assessment Due by 23:59 | |
| Thursday 10/3/19 0900-1700 | 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: Ch.9,10,11,12 http://training.fema.gov/EMIWeb/IS/IS100b.asp |
| Friday 10/4/19 0900-1700 | LECTURE: Operations Day 2 Hazmat (Q6) Crime Scene Awareness (Q6) Rural EMS (Q6) Terrorism (Q6) (HW if not completed in class) HW 3/Quiz 6: Patient Assessment/OPS Due by 23:59 | Paramedic Care Vol. 5: Ch.13, 14, 15, 16 |
| Tuesday 10/8/19 0900-1700 | LAB: Patient Assessment IOOH Scenarios-Scene Safety/Patient Assessment "Flow" Exam Evals/Review | |
| Wednesday 10/9/19 0900-1700 | Unit Exam 1- Operations/Med Math (2-part Exam?) Peer Affective Domain Evaluations LECTURES: Respiratory A&P (Q7) Respiratory Pharmacology (Q7) | FISDAP Unit Exam/AEC Med Math AEC Lectures |
| Thursday 10/10/19 0900-1700 | LECTURES: Pulmonology (Q7) Airway Management and Ventilation (Q8) Show & Tell | Paramedic Care Vol. 3 CH. 1,15 |

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| Friday 10/11/19 0900-1700 | LAB: Respiratory Lab Day 1 -BLS Airway Management -ET Intubation -Supraglottic Airway Quiz 7: Respiratory Due by 23:59 | |
| Monday, Tuesday, Thursday | Rotations | Students begin Emergency Room |
| Wednesday 10/16/19 0900-1700 | LAB:Respiratory Lab Day 2 -ET Intubation -CPAP/Nebulizer -Capnography/Meds -IOOH Scenarios HW 4/Quiz 8: Airway Management Due by 23:59 | |
| Friday 10/18/19 0900-1700 | Lab Competency Sign-Offs: Airway Management All Airway skills should be evaluated and signed off Exam Evals/Review | |
| Wednesday 10/23/19 0900-1700 | <u>Unit Exam 2 Airway: Respiratory</u> <u>LECTURE: AEC Material</u> Cardiac A&P (Q9) Cardiac Pharmacology Overview w/ Manual | FISDAP Unit Exam AEC Lecture |
| Monday, Tuesday, Thursday | Rotations | |
| Friday 10/25/19 0900-1700 | LAB: Cadaver Lab -ET Intubation/Chest Decompression/IO/Surgical Airway, Supraglottic Airway/ RSI -Cardiac Anatomy/Abdominal Anatomy/Respiratory Anatomy | ** CADAVER LAB DAY ** |
| Wednesday 10/30/19 0900-1700 | <u>LECTURE: Brady Material</u> Cardiology Session 1 (Slides 1-190) Q9 Electrophysiology (Q9) Quiz 9: Cardiac A&P, Electrophysiology Due by 23:59 | Paramedic Care Vol. 3, CH. 2 AEC Lecture |
| Friday 11/1/19 0900-1700 | <u>LECTURE: ECG Atrial</u> How to read an ECG (Q10) Sinus (Q10) Atrial (Q10) SVT and Narrow Complex Tachycardia (Q11) Junctional Rhythms (Q11) | AEC Lectures |

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| | LABS: NOON ECG LABS-ACLS Algorithms Introduction How to Read ECG-Rules of Interpretation of learned rhythms Quiz 10: ECG Sinus/Atrial Due by 23:59 | |
| Monday, Tuesday, Thursday | Rotations | May Begin OR |
| Wednesday 11/6/19 0900-1700 | LECTURE: Bradycardia AV Blocks ****ACLS Algorithms Overview**** LAB: ECG Monitor Overview-Features/Settings/Functions Static/Dynamic Cardiology Cardiac Assessments-IOOH | AEC Powerpoints AHA ACLS Provider Manual |
| Friday 11/8/19 0900-1700 | LAB: Rhythm Identification/ACLS Algorithms -Static/Dynamic Cardiology -Cardiac Assessments/IOOH Quiz 11: Junctional, Brady, SVT, AV Blocks Due by 23:59 | |
| Wednesday 11/13/19 0900-1700 | Lecture: WPW/Pacer (Q12) PEA/Asystole (Q12) Ventricular Arrhythmias (Q12) V-Tach w/Pulse (Q12) V-Fib/Pulseless V-Tach (Q12) Cardiology Session 2 (Q13) ***ACLS PPT and Algorithm Overview**** | AEC Powerpoints AHA ACLS Provider Manual http://auscultation.education/heart-sounds http://www.easyauscultation.com/heart-sounds Paramedic Care Vol 3, CH. 2 |
| Monday, Tuesday, Thursday | Rotations | |
| Friday 11/15/19 0900-1700 | LAB: Cardiac-ACLS and NR Labs Static/Dynamic Cardiology Stations Cardiology Oral Boards Cardiac Assessments (IOOH Scenarios) Quiz 12: Ventricular, PEA, Asystole Due by 23:59 | |
| Wednesday 11/20/19 0900-1700 | 12-Lead ECG-Part 1- Bob Page Lectures (ALL) (Q13) • 12-lead practice | 12 Lead ECG for Acute Critical Care Providers ***Static 12 lead Materials**** |
| Friday 11/22/19 0900-1700 | LAB: 12/15 lead Placement Cardiac Oral Boards w/12 leads Static Cardiology w/12 leads Dynamic Cardiology HW 5/Quiz 13: Cardiology Due by 23:59 | |

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| Monday, Tuesday, Thursday | Rotations | |
| Wednesday 11/27/19 0900-1700 | <u>Competency Sign-Off: Cardiology Labs</u> Static/Dynamic-Cardioversion/Defibrillation/Placing Mega-Codes (Full Simulations) Oral Boards | |
| Wednesday 12/4/19 0900-1700 | <u>Competency Sign-Off: Cardiology Labs</u> Static/Dynamic-Cardioversion/Defibrillation/Placing Mega-Codes (Full Simulations) IOOH Scenarios <i>Exam Review</i> | |
| Friday 12/6/19 0900-1700 | <u>Unit Exam 3-Cardiology</u> Equipment Maintenance LECTURE: Neurology (Q14) | FISDAP Mid-Term Progress Reports – Signed PC Affective Domain Eval Paramedic Care Vol. 3, CH.3 |
| Monday, Tuesday, Thursday | Rotations | |
| Wednesday 12/11/19 0900-1700 | LECTURE: Endocrinology (Q14) -Pharmacology Overview for section LAB: IOOH Scenarios-Neuro/Endocrine | Paramedic Care Vol. 3, CH. 4 |
| Friday 12/13/19 0900 - 1700 | LECTURE: Gastroenterology Urology/Nephrology Quiz 14: Nervous and Endocrine Due by 23:59 | Paramedic Care Vol 3, CH. 6,7 |
| Wednesday 12/18/19 0900 - 1700 | LABS: All NR LABS -Static/Dynamic -Oral Boards -IOOH Scenarios -Med Math/Admin HW 6: Nervous/Endocrine/GI/Urology Due by 23:59 | Meet with students individually to review mid-term Progress Reports and FISDAP progress. |
| Monday, Tuesday, Thursday | Rotations | |
| Friday 12/20/19 0900-1700 | LECTURE: 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 |
| Friday 1/3/20 | NO CLASS | |
| Wednesday 1/8/20 | LECTURE: Infect. Disease/Sepsis cont'd if needed (Q15) Psychiatric and Behavioral Disorders | Paramedic Care Vol 3, CH. 10 Paramedic Care Vol 3, CH. 11 |

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| 0900-1700 | Toxicology and Substance Abuse HW 7/Q15: Immune/Hematology/Sepsis/Psych Due by 23:59 | Paramedic Care Vol 3, CH. 8 |
| Friday 1/10/20 0900-1700 | LABS: Medical – National Registry Labs Oral Boards IOOH Scenarios Airway Management <i>Exam Review</i> | |
| Monday, Tuesday, Thursday | Rotations | |
| Wednesday 1/15/20 0900 - 1700 | <u>Unit Exam 4: Medical</u> Peer Affective Domain Evals LECTURE: Gynecology (Q16) Obstetrics (Q16) | FISDAP Paramedic Care Vol 5, CH. 1,2 |
| Friday 1/17/20 0900-1700 | LECTURE: Neonates (Q16) LAB: COMPETENCY SIGN-OFFS Deliveries-Normal/Abnormal Infant/Ped Airway Management/IO Q16: Reproductive, OB/GYN, Neonates Due by 23:59 | Paramedic Care Vol 5, CH. 3 |
| Wednesday 1/22/20 0900-1700 | LECTURE: Pediatrics (Q17) Pediatric Pharmacology w/ Manual HW 8/Q17: Reproductive, OB/GYN, Neonates/ Due by 23:59 | Paramedic Care Vol 5, CH. 4 |
| Monday, Tuesday, Thursday | Rotations | |
| Friday 1/24/20 0900-1700 | <u>LAB: COMPETENCY SIGN-OFFS</u> -Neonatal/Peds Resuscitation -Peds assessments HW 8/Q17: Reproductive, OB/GYN, Neonates/ Due by 23:59 | |
| Wednesday 1/29/20 0900-1700 | <u>LAB: COMPETENCY SIGN-OFFS (remaining)</u> -Pediatric Scenarios (Oral Boards) -IOOH Scenarios | |
| Friday 1/31/20 0900-1700 | <u>PALS Day 1</u> DVD Components and PALS Overview LABS: BLS/Airway Management Vascular Access/IO Practice Scenarios-Cardiac/Respiratory/Shock Need PALS Provider Manuals | ***Mandatory Attendance*** Students may begin L&D and Peds Clinicals AHA PALS Provider Manual |

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| Monday, Tuesday, Thursday | Rotations | |
| Wednesday 2/5/20 0900-1700 | <u>PALS Day 2</u> LAB: Cardiac/Respiratory/Shock Practice Scenarios TESTING: PALS Practical Exam PALS Written Exam Need PALS Provider Manuals Unit Exam 5-OB/GYN/Peds | ***Mandatory Attendance*** Students may begin L&D and Peds Clinicals AHA PALS Provider Manual FISDAP |
| Friday 2/7/20 0900-1700 | <u>LECTURE: Trauma</u> Trauma Systems (Q19) Mechanism of Injury (Q19) Hemorrhage and Shock (Q19) Soft Tissue Trauma (Q19) Q19: Intro to Trauma Due by 23:59 | Paramedic Care Vol 4, CH. 1,2,3,4 |
| Wednesday 2/12/20 0900-1700 | <u>LECTURE: Trauma</u> Burns (Q19) Rule of 9's/ Parkland Formula Review Head, Neck and Spinal Trauma (Q19) | Paramedic Care Vol. 4, CH 5,6 |
| Monday, Tuesday, Thursday | Rotations | |
| Friday 2/14/20 0900-1700 | <u>LECTURE: Trauma</u> Chest Trauma (Q19) Abdominal and Pelvic Trauma (Q19) Orthopedic Trauma (Q19) | Paramedic Care Vol. 4, CH 7,8,9 |
| Wednesday 2/19/20 0900-1700 | <u>LECTURE: Trauma</u> Non-Traumatic Musculoskeletal System (Q19) Environmental Trauma (Q19) LAB: Trauma -Bandaging/Hemorrhage Control -Splinting/Pelvic Stabilization -Needle Thoracostomy -NR Trauma Assessments HW 9/Q19: Trauma Due by 23:59 | Paramedic Care Vol 3, CH 13 Paramedic Care Vol 4, CH 10 |
| Friday 2/21/20 0900-1700 | LAB: Trauma -NR Oral Boards -NR Trauma Assessments -NR IOOH | |
| Monday, Tuesday, Thursday | Rotations | |
| Wednesday 2/26/20 0900 - 1700 | <u>Unit Exam 6-Trauma</u> <i>Peer Affective Domain Evals</i> <u>LECTURE: Special Patient Populations</u> Geriatric Emergencies (Q19) Abuse, Neglect, and Assault (Q19) | |

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| Friday 2/28/20 0900-1700 | <u>LECTURE: Special Patient Populations</u> Emergencies for the Challenged Patient (Q19) Acute Interventions for the Chronic Care Patient *****NOTE 0800 Start Time***** RESEARCH PRESENTATIONS HW 10/Q20: Geriatrics and Special Patients Due by 23:59 | RESEARCH PAPERS DUE |
| Wednesday 3/4/20 0900-1700 | <u>ACLS Day 1</u> DVD and ACLS Powerpoint BLS/Airway Management Scenario Practice-Tachy/Brady/Megacodes | |
| Monday, Tuesday, Thursday | Rotations | 100% Clinical and Regular Field Hours Complete |
| Friday 3/6/20 0900-1700 | <u>ACLS Day 2</u> Practical Testing-Tachy/Brady/Megacodes Written Testing <u>NR PSYCHOMOTOR FINAL EXAM 1</u> -Static/Dynamic -Oral Boards | |
| Wednesday 3/11/20 0900 - 1700 | <u>FINAL COGNITIVE EXAM</u> <u>NR PSYCHOMOTOR FINAL EXAM</u> <u>-Trauma</u> <u>-IOOH</u> <u>***Retests***</u> 3 different groups to take Fisdap Final | |
| Friday 3/13/20 0900-1700 | <u>LAB: PORTFOLIO MAINTENANCE</u> National Registry Skills Day \$269.00 Psychomotor Exam Fee Due! | Final Progress Reports - Signed PC Final Affective Domain Eval |
| | ** Capstone Field Internship** 3/12/2020-5/11/2020 On-Time Graduation | |
| Friday 3/20/20 1700-2100 | LAST CHANCE TO PRACTICE! | AEC Training Center |
| Saturday 3/21/20 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 Fisdap final exam has been passed.** | AEC Training Center 12351 Randolph Ridge Lane, Ste 201, Manassas, VA 20109 |