**Creighton University-Advanced Medical Transport of Central Illinois Paramedic Consortium**

PROGRAM CONSOLIDATED CURRICULUM AND CALENDAR 2023 - 2024

***All Classes held from 0900-1700***

Nancy Caroline's Emergency Care in the Streets, 8th Edition, AAOS; 2018.

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| --- | --- | --- | --- | --- | --- | --- |
| **MONTH** | **DAY** | **HOURS** | **Course** | **Content Area** | **Chapter** | **Assignments/Reading** |
| August | 21 | 8 | **EMS 301** | Preparatory Content |  | Chapter 1 Presentation |
|  |  |  |  | EMS Systems | 1 | Read 3-24 (stop at EMS Research) |
|  |  |  |  | Fisdap Orientation & Basic Skill Competencies |  | Handbook Documents |
|  |  |  |  |  |  |  |
| August  | 22 | 8 |  | Workplace Safety | 2 | Read 37-46 (stop at disease transmission) Read 53-70 |
|  |  |  |  | Public Health | 3 | Read EMS1.com ET3 article  |
|  |  |  |  | EMS Research | 1 | Read 24-30 (start at EMS Research) Read 99 (Ethics & EMS Research) |
|  |  |  |  | Research 101 – 3 Intro to EMS Research Videos | FISDAP | Research 101 Quizzes |
|  |  |  |  |  |  |  |
| August | 25 | 8 |  | EMS Communications | 5 |  |
|  |  |  |  | Documentation | 6 |  |
|  |  |  |  | Medical Terminology  | 7 | Med. Term In-Class Asgmt. |
|  |  |  |  |  |  |  |
| August | 30 | 8 |  | Medical/Legal Ethics | 4 | Documentation Practice |
|  |  |  |  | EMS 301 Review |  | Chapter 1-Basic Cardiac Dysrhythmias |
|  |  |  |  | Test Taking Strategies  |  |  |
|  |  |  |  |  |  |  |
| August  | 31 | 8 |  | EMS 301 Written Exam |  | EMS 301 Homework – Due on 8/28 at 2359 hours |
|  |  |  | **EMS 403** | Patient Assessment | 11 |  |
|  |  |  |  | Patient Assessment & History Taking - Skills Lab | 11 |  |
|  |  |  |  | Critical Thinking, Clinical Decision Making | 12 |  |
|  |  |  |  |  |  |  |
| September | 5 | 8 |  | Patient Monitoring in the Field |  |  |
|  |  |  |  | Therapeutic Communication- Skills Lab | 11 |  |
|  |  |  |  |  |  |  |
| September | 8 | 8 |  | Patient Assessment & History Taking - Skills Lab | 11 |  |
|  |  |  |  | Therapeutic Communication- Skills Lab | 11 |  |
|  |  |  |  | EMS 403 Review |  |  |
|  |  |  |  |  |  |  |
| September | 13 | 8 |  | EMS 403 Exam- Written and Psychomotor |  | EMS 403 Homework – Due on 9/10 at 2359 hours |
|  |  |  | **EMS 401** | Human Life Span Development | 10 |  |
|  |  |  |  |  |  |  |
| September | 14 | 8 |  | Anatomy and Physiology | 8 | Read 229-244 (stop at life cycle of the cell) Read 246 (cellular respiration)-252 (stop at tissue level) Read 258 (muscle tissue)-262 (stop at organ systems) |
|  |  |  |  | Pathophysiology | 9 | Read 419-430 (stop at chemical injury) Read 434 (hypoperfusion)-439 (stop at the body’s self-defense mechanisms) |
|  |  |  |  |  |  | Chapter 2 & 3-Basic Cardiac Dysrhythmias |
|  |  |  |  |  |  |  |
| September | 18 | 8 |  | Shock and Resuscitation of the Critical Patient | 40 |  |
|  |  |  |  |  |  |  |
| September | 19 | 8 |  | A&P, Pathophysiology, and Shock Review | 8, 9, 40 | Musculoskeletal Quiz |
|  |  |  |  |  |  | Shock Worksheet |
|  |  |  |  |  |  |  |
| September | 22 | 8 |  | EMS 401 Written Exam Part 1 (A&P, Pathophysiology, and Shock) |  | EMS 401 Homework (chapters 8, 9, 10, 40) – Due on 9/19 at 2359 hours  |
|  |  |  |  | Principles of Pharmacology  | 13 |  |
|  |  |  |  | Medication Administration  | 14 |  |
|  |  |  |  |  |  |  |
| September | 27 | 8 |  | IV Access, Medication Administration- Skills Lab | 13, 14 | BLS Medication Quiz |
|  |  |  |  |  |  |  |
| September | 28 | 8 |  | IV Access, Medication Administration- Skills Lab | 13,14 | Chapter 4-Basic Cardiac Dysrhythmias |
|  |  |  |  |  |  |  |
| October | 2 | 8 |  | Pharmacology Review | 13, 14 | EMS 401 Homework (chapters 13 & 14) – Due on 9/29 at 2359 hours |
|  |  |  |  |  |  |  |
| October | 3 | 8 |  | EMS 401 Written Exam Part 2 (Principles of Pharmacology and Medication Administration) | 15 | Chapter 5-Basic Cardiac Dysrhythmias |
|  |  |  |  | EMS 401 Psychomotor Exam |  |  |
|  |  |  |  |  |  |  |
| October | 6 | 8 | **EMS 406** | Airway and Ventilation Management | 15 | EMS 406 Homework – Due 10/3 at 2359 hours |
|  |  |  |  | Pulmonology | 16 | Chapter 6-Basic Cardiac Dysrhythmias |
|  |  |  |  |  |  |  |
| October  | 11 | 8 |  | Airway and Ventilation Lab |  | Chapter 17 Cardiovascular Emergencies Homework - A&P |
|  |  |  |  | EMS 406 Review |  | Chapter 7-Basic Cardiac Dysrhythmias |
|  |  |  |  |  |  |  |
| October | 12 | 8 | **EMS 412** | EMS 406 Written and Psychomotor Exam |  | Chapter 17 Cardiovascular Emergencies Electrophysiology Homework |
|  |  |  | **EMS 420** | Clinical Practicum I- Release to ED and OR |  | Chapter 10-Basic Cardiac Dysrhythmias (1-50) |
|  |  |  |  | Medical Emergencies II: Cardiology - A&P | 17 |  |
|  |  |  |  |  |  |  |
| October | 16 | 8 |  | Medical Emergencies II: Cardiology - Electrophysiology | 17 | Chapter 11-Basic Cardiac Dysrhythmias (1-10) |
|  |  |  |  | Medical Emergencies II: Cardiology – Dysrhythmia Interpretation | 17 |  |
|  |  |  |  |  |  |  |
| October | 17 | 8 |  | Medical Emergencies II: Cardiology – Dysrhythmia Treatment | 17 | Chapter 12-Basic Cardiac Dysrhythmias |
|  |  |  |  | Medical Emergencies II: Cardiology – Cardiac Conditions |  |  |
|  |  |  |  |  |  |  |
| October | 20 | 8 |  | Medical Emergencies II: Cardiology – 12 Leads | 17 | Chapter 10-Basic Cardiac Dysrhythmias (51-100) |
|  |  |  |  |  |  |  |
| October | 25 | 8 |  | Cardiac and Respiratory Scenario Lab |  | Chapter 11-Basic Cardiac Dysrhythmias (11-20) |
|  |  |  |  |  |  |  |
| October | 26 | 8 | **EMS 415** | Assessment Based Management – Responding to the Field Code – Resuscitation Academy  | 39 | Resuscitation Academy Pre-Recorded Lecture |
|  |  |  |  |  |  |  |
| October | 30 | 8 |  | ACLS |  | ACLS Pre-Course Assessment |
| October | 31 | 8 |  | ACLS |  | Chapter 10-Basic Cardiac Dysrhythmias (101-150) |
|  |  |  |  |  |  |  |
| November | 3 | 8 |  | Cardiac and Respiratory Scenario Lab and Review |  | Chapter 9-Basic Cardiac Dysrhythmias |
|  |  |  |  |  |  |  |
| November | 8 | 8 |  | EMS 412 Written and Psychomotor Exam |  | EMS 412 Study Guide &Cardiovascular Drug Cards |
|  |  |  | **EMS 422** | Clinical Practicum II: Release to CCU, ICU |  |  |
|  |  |  | **EMS 414** | Medical Emergencies III: Neurology | 18 | Brain Hats |
|  |  |  |  |  |  |  |
| November | 9 | 8 |  | Medical Emergencies III: Hematology | 24 |  |
|  |  |  |  | Medical Emergencies III: Gastroenterology | 20 |  |
|  |  |  |  |  |  |  |
| November | 13 | 8 |  | Medical Emergencies III: Immunology | 25 |  |
|  |  |  |  | Medical Emergencies III: Infectious Disease  | 26 |  |
|  |  |  |  |  |  |  |
| November | 14 | 8 |  | Medical Emergencies III: Endocrinology | 23 |  |
|  |  |  |  |  |  |  |
|  |  |  |  | **Fall Break November 15th - 26th** |  |  |
|  |  |  |  |  |  |  |
| November | 27 | 8 |  | Medical Emergencies III Review and Scenario Lab |  | Chapter 10-Basic Cardiac Dysrhythmias (151-200) |
|  |  |  |  | Research 101 – 3 Videos Anatomy of a Research Paper | FISDAP | Research 101 Quizzes |
|  |  |  |  |  |  |  |
| November | 28 | 8 |  | Medical Emergencies III Review and Scenario lab |  |  |
|  |  |  |  |  |  |  |
| December | 6 | 8 |  | Medical Emergencies III Review and Scenario Lab |  |  |
|  |  |  |  |  |  |  |
| December | 7 | 8 |  | EMS 414 Written and Psychomotor Exam |  | EMS 422 Homework – Due on 12/4 at 2359 hours |
|  |  |  |  |  |  |  |
| December | 11 | 8 | **EMS 416** | Medical Emergencies IV: Toxicology | 27 |  |
|  |  |  |  | Medical Emergencies IV: Urology and Nephrology | 21 |  |
|  |  |  |  |  |  |  |
| December | 12 | 8 |  | Medical Emergencies IV: Diseases of EENT | 19 | Resuscitation Research Paper |
|  |  |  |  | Medical Emergencies IV: Psychiatric and Behavioral Emergencies | 28 |  |
|  |  |  |  |  |  |  |
|  |  |  |  | **Winter Break December 13th – January 2nd** |  |  |
|  |  |  |  |  |  |  |
| January | 3 | 8 |  | Medical Emergencies IV Review and Scenario Lab |  |  |
|  |  |  |  |  |  |  |
| January | 4 | 8 |  | Medical Emergencies IV Review and Scenario Lab |  |  |
|  |  |  |  |  |  |  |
| January | 8 | 8 |  | EMS 416 Written and Psychomotor Exam |  | EMS 416 Homework – Due on 1/5 at 2359 hours |
|  |  |  |  |  |  |  |
| January | 9 | 8 | **EMS 411** | Special Considerations: Gynecology | 22 |  |
|  |  |  |  | Special Considerations: Obstetrics | 41 |  |
|  |  |  |  |  |  |  |
| January | 17 | 8 |  | Special Considerations: Obstetrics Skills Lab | 22/41 |  |
|  |  |  |  |  |  |  |
| January | 18 | 8 |  | Special Considerations: Neonatology | 42 |  |
|  |  |  |  |  |  |  |
| January | 22 | 8 |  | Special Considerations: Neonatology Skills Lab | 42 |  |
|  |  |  |  |  |  |  |
| January | 23 | 8 |  | Special Considerations: Pediatrics  | 43 |  |
|  |  |  |  |  |  |  |
| January | 31 | 8 |  | Special Considerations: Geriatrics | 44 |  |
|  |  |  |  | Special Considerations: Patients with Special Challenges | 45 |  |
|  |  |  |  |  |  |  |
| February | 1 | 8 |  | Special Considerations: Skills Lab |  |  |
|  |  |  |  |  |  |  |
| February | 5 | 8 |  | PALS |  | PALS Pre-Course Assessment |
| February | 6 | 8 |  | PALS |  |  |
|  |  |  |  |  |  |  |
| February | 14 | 8 |  | Special Considerations: Scenario Lab and Review  |  |  |
|  |  |  |  |  |  |  |
| February | 15 | 8 |  | EXAM EMS 411- Written and Psychomotor Exam |  | EMS 411 Homework – Due on 2/12 at 2359 hours |
|  |  |  | **EMS 424** | Clinical Practicum III: Release to OB and Pediatrics |  |  |
|  |  |  | **EMS 407** | Trauma Systems and Mechanism of Injury | 29 |  |
|  |  |  |  |  |  |  |
| February | 19 | 8 |  | Burns | 32 |  |
|  |  |  |  | Bleeding | 30 |  |
|  |  |  |  |  |  |  |
| February | 20 | 8 |  | Orthopaedic Trauma | 37 |  |
|  |  |  |  | Soft Tissue Trauma | 31 |  |
|  |  |  |  |  |  |  |
| February | 28 | 8 |  | Thoracic Trauma | 35 |  |
|  |  |  |  | Abdominal Trauma | 36 |  |
|  |  |  |  |  |  |  |
| February | 29 | 8 |  | Head and Spine Trauma | 34 |  |
|  |  |  |  | Face and Neck Trauma | 33 |  |
|  |  |  |  |  |  |  |
| March | 4 | 8 |  | ITLS |  | ITLS Pre-Test |
| March | 5 | 8 |  | ITLS |  |  |
|  |  |  |  |  |  |  |
| March | 13 | 8 |  | Environmental Trauma | 38 |  |
|  |  |  |  |  |  |  |
| March | 14 | 8 |  | Trauma Review and Skills Lab |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  | **Spring Break March 15th – March 26th** |  |  |
|  |  |  |  |  |  |  |
| March | 27 | 8 |  | Trauma Review and Skills Lab |  |  |
|  |  |  |  |  |  |  |
| March | 28 | 8 |  | EMS 407 Final Exam Written and Psychomotor |  | EMS 407 Homework – Due on 3/25 at 2359 hours |
|  |  |  | **EMS 413** | EMS Operations | 46,47,51 |  |
|  |  |  |  |  |  |  |
| April | 1 | 8 |  | EMS Operations | 50,52 | ICS-100 and 200 |
|  |  |  |  |  |  |  |
| April | 2 | 8 |  | EMS 412 Written Exam |  | EMS 412 Homework – Due on 3/30 at 2359 hours |
|  |  |  |  |  |  |  |
| April | 10 | 8 |  | Final Exam Review and Lab |  |  |
|  |  |  |  | Protocol Exams |  |  |
|  |  |  |  |  |  |  |
| April | 11 | 8 |  | Research Presentations |  | Research Presentation due at 0800 |
|  |  |  |  | Final Exam Review and Lab |  |  |
|  |  |  |  |  |  |  |
| April | 15 | 8 |  | Final Exam- Written |  |  |
|  |  |  |  | Final Exam- Psychomotor Review |  |  |
|  |  |  |  |  |  |  |
| April | 16 | 8 |  | Final Exam- Psychomotor |  |  |
|  |  |  |  | Final Exam - Retakes |  |  |
|  |  |  |  | Field Internship Orientation |  |  |

|  |  |  |
| --- | --- | --- |
| **Total Didactic Hours** | **536** |  |
| **Total Clinical Hours** | **176** |  |
| **Total Field Hours** | **324** | **EMS 21 (60 hours) – EMS 423 (120 hours) – EMS 425 (144 hours)** |
| **Total Course Hours** | **1,036** | ***These are the minimum clinical hours. Students may have to complete additional clinical hours to complete graduation requirements.*** |

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