EMERGENCY CARE PROVIDER (ECP)

ECP 102 - Wilderness First Aid. 1-6 Credits.
(R-6) Offered autumn. Prereq., acceptance into the Wilderness Studies Minor. The course covers basic emergency medicine topics such as airway management, breathing emergencies, circulatory problems, and environmental concerns. Also included: common medical emergencies such as diabetes, seizures, asthma, and anaphylaxis. Emphasis on trauma with in-depth discussions and hands on training with splinting, bleeding control, and wound management. Other topics include: legalities within wilderness medicine, SOAP note documentation, and emergency decision-making strategies in wilderness environments.

ECP 122 - Wilderness First Responder. 2 Credits.
Offered intermittently. Instruction in the prevention, recognition, and treatment of backcountry illness and injury. Successful students receive an Aerie Wilderness First Responder certification and an American Heart Association Heartsaver CPR certification. This course meets HHP department First Aid requirement but does not meet the CPR requirement.

ECP 130 - Emergency Medical Technician. 5 Credits.
The purpose of this Emergency Medical Technician (EMT) course is to provide students with an academic working knowledge and skills to become state certified and Nationally Registered EMT. It provides the basic concepts of emergency care, and basic life support which are needed to function as an EMT.

ECP 191 - Special Topics. 1-6 Credits.
(R-6) Offered intermittently. Experimental offerings of visiting professors, experimental offerings of new courses, or one-time offerings of current topics.

ECP 200 - Transition to Paramedic Care. 3 Credits.
Offered autumn at Missoula College and Missoula Emergency Services. Requires admission to Paramedicine program. Provides an opportunity to start learning the cognitive, psychomotor and behavioral differences between an EMT and Paramedic. Topics covered include roles and responsibilities of the paramedic, EMS systems, Licensure/recertification requirements, Medical legal, patient evaluation, radio communications, documentation, and current issues that impact EMS profession.

ECP 201 - Paramedic Fundamentals. 3 Credits.
Offered autumn at Missoula College and Missoula Emergency Services. Requires admission to Paramedicine program. Requires completion of all program pre-requisites and admission to program. Prepares the paramedic student in the basic knowledge and skills needed in the pre-hospital environment. Topics covered include roles and responsibilities of the paramedic, medical legal considerations, communications, rescue and disaster operations, initial patient assessment and management, airway management and ventilation, pathophysiology of shock, and emergency pharmacology.

ECP 202 - Paramedic Fundamentals Lab. 1 Credit.
Offered autumn at Missoula College and Missoula Emergency Services. Requires admission to Paramedicine program. Practices and gains the manipulative skills necessary to effectively manage the tasks in ECP 201. Completion of pre-requisites and admission to program required.

ECP 206 - EMS Case Studies. 4 Credits.
Offered spring at Missoula College and Missoula Emergency Services. Requires completion of all program pre-requisites and admission to program. Provides an opportunity to study and manage trauma and respiratory emergencies from a case study perspective. Trauma topics covered include shock, head, spinal, thoracic, abdominal, burns, and environmental. Respiratory topics covered include asthma, emphysema, chronic bronchitis, pneumonia, pulmonary edema, and embolism.

ECP 207 - Cardiology. 4 Credits.
Offered autumn at Missoula College and Missoula Emergency Services. Requires completion of all program pre-requisites and admission to program. Provides an in-depth study in the pathophysiology and management of cardiovascular disease and related emergencies. Topics include anatomy and physiology of the heart and circulatory system, basics of electrophysiology, assessment of the cardiac patient, pathophysiology of atherosclerosis, specific conditions resulting from atherosclerotic heart disease, peripheral vascular emergencies, pharmacologic intervention, dysrhythmia recognition, and specific management of cardiac emergencies.

ECP 208 - Cardiology Lab & ACLS. 1 Credit.
Offered autumn at Missoula College and Missoula Emergency Services. Requires completion of all program pre-requisites and admission to program. The student practices and gains manipulative skills to satisfactorily manage the task in ECP 207. Upon completion, the student receives provider certification in Advanced Cardiac Life Support.

ECP 216 - Hospital Clinical I. 5 Credits.
Offered spring at Missoula College and Missoula Emergency Services. Requires admission to Paramedicine program. Prereq., ECP 200, ECP 201, ECP 202, ECP 207, and ECP 208. Provides the opportunity to apply in a clinical setting, the didactic knowledge and skills developed in the classroom and lab. Serves as the first stage in assisting the student to become an employable EMS provider. Clinical skills addressed include patient assessment and evaluation, vital signs management, development of airway management skills, autopsy observation, development of communication skills, introduction to various skills necessary for patient care, and development of safety practices.

ECP 220 - Special Considerations. 1 Credit.
Offered spring at Missoula College and Missoula Emergency Services. Requires admission to Paramedicine program. Prereq., ECP 200, ECP 201, ECP 202, ECP 207, and ECP 208. Provides an opportunity to study and manage behavioral emergencies. Students are taught to recognize symptoms of abnormal behavior and responses. Students learn techniques to manage the suicide patient.

ECP 221 - OB/Neonate/Pediatrics. 2 Credits.
Offered spring at Missoula College and Missoula Emergency Services. Requires admission to Paramedicine program. Prereq., ECP 200, ECP 201, ECP 202, ECP 207, and ECP 208. Provides the student with the opportunity to participate in normal and abnormal obstetrical problems. Anatomy and physiology of the female reproductive system, assessment of the gynecologic patient, deliveries (normal, abnormal and complicated), routine care of the neonate, care of the distressed infant, neonatal emergencies, and neonatal transport are addressed.

ECP 222 - OB/Neonate/Pediatric Lab/PALS/Stable. 1 Credit.
Offered spring at Missoula College and Missoula Emergency Services. Requires admission to Paramedicine program. Prereq., ECP 200, ECP 201, ECP 202, ECP 207, and ECP 208. Practices and gains the manipulative skills necessary to effectively manage the tasks in ECP 221. Upon completion, the student receives provider certification in Pediatric Advanced Life Support (PALS).
ECP 230 - Trauma. 2 Credits.
Offered summer at Missoula College and Missoula Emergency Services. Requires admission to Paramedicine program. Prereq., autumn and spring semesters of program. Provides an in-depth study of the anatomy of the respiratory system, its relationship to the other systems of the body, the pathophysiology of diseases of the respiratory system, and treatment modalities of pulmonary disease. Topics include anatomy of the respiratory system, measurements of pulmonary function, respiration and gas exchange, assessment of the respiratory system, pathophysiology and management of respiratory disorders, and principles and management of acute respiratory insufficiency.

ECP 232 - Pulmonary. 2 Credits.
Offered summer at Missoula College and Missoula Emergency Services. Requires admission to Paramedicine program. Provides an in-depth study of the anatomy of the respiratory system, its relationship to the other systems of the body, the pathophysiology of diseases of the respiratory system, and treatment modalities of pulmonary disease. Topics include anatomy of the respiratory system, measurements of pulmonary function, respiration and gas exchange, assessment of the respiratory system, pathophysiology and management of respiratory disorders, and principles and management of acute respiratory insufficiency.

ECP 233 - Trauma/Pulmonary Lab & PHTLS. 1 Credit.
Offered summer at Missoula College and Missoula Emergency Services. Requires admission to Paramedicine program. Practices and gains the manipulative skills necessary to effectively manage the tasks in ECP 230 and ECP 232. Upon completion, the student receives provider certification in Pre-Hospital Trauma Life Support.

ECP 242 - Medical Considerations. 2 Credits.
Offered summer at Missoula College and Missoula Emergency Services. Requires admission to Paramedicine program. Provides an intense course in the pathophysiology and management of medical emergencies to include endocrine, nervous system, the acute abdomen, anaphylaxis, toxicology and substance abuse, infectious diseases, environmental, geriatric and pediatric emergencies.

ECP 243 - Medical Lab. 1 Credit.
Offered summer at Missoula College and Missoula Emergency Services. Requires admission to Paramedicine program. Practices and gains the manipulative skills necessary to effectively manage the tasks in ECP 242. Upon completion, the student receives provider certification in Advanced Medical Life Support.

ECP 246 - Hospital Clinical II. 6 Credits.
Offered summer at Missoula College and Missoula Emergency Services. Requires admission to Paramedicine program. A continuation of the clinical skills initiated in ECP 216. Provides the opportunity to apply in the clinical setting, the didactic knowledge and skills developed in the classroom and lab. Serves as a second stage in assisting the student to become an employable EMS provider. Clinical skills addressed include electrocardiography, assessment and management of acute and chronic disease, pediatric advanced life support skills, obstetrical and neonatal care, and behavioral intervention techniques.

ECP 247 - Hospital Clinical III. 6 Credits.
Offered autumn at Missoula College and Missoula Emergency Services. Requires admission to Paramedicine program. A continuation of the clinical skills initiated in ECP 216 and ECP 246. Serves as a final stage in assisting the student to become an employable EMS provider. Cognitive, psychomotor, and affective evaluation skills addressed include patient assessment, history gathering, treatment prioritizing, diagnostic impression, protocol knowledge, written documentation, airway management, fluid/drug management, cardiac management, trauma/medical management, attitude, professionalism, assertiveness.

ECP 250 - NREMT Exam Preparation. 3 Credits.
Offered autumn at Missoula College and Missoula Emergency Services. Requires admission to Paramedicine program. Preparations for the national registry paramedic exam. It is a review of the core curriculum taught throughout 2nd and 3rd semester of the paramedic program.

ECP 251 - NREMT Exam Preparation Lab. 1 Credit.
Offered autumn at Missoula College and Missoula Emergency Services. Requires admission to Paramedicine program. Preparations for the national registry paramedic exam. It is a review of the psychomotor skills taught throughout 2nd and 3rd semester of the paramedic program.

ECP 298 - Internship. 8 Credits.
Offered autumn at Missoula College and Missoula Emergency Services. Requires admission to Paramedicine program. Provides the opportunity to apply in the clinical setting, the didactic knowledge and skills developed in the classroom and lab. It serves as the final stage in assisting the student to become an employable EMS provider. Cognitive, psychomotor, and affective evaluation skills addressed include patient assessment, history gathering, treatment prioritizing, diagnostic impression, protocol knowledge, written documentation, airway management, fluid/drug management, cardiac management, trauma/medical management, attitude, professionalism, assertiveness, team leader qualities.

ECP 311 - Wilderness EMT. 3 Credits.
Offered intermiently. EMT-Basic curriculum with significantly more detail concerning care for patients in remote settings. Students must be 18 year old and never been convicted of a felony to qualify for certification. This course meets HHP department First Aid and CPR graduation requirements.

ECP 331 - Wilderness EMT. 3 Credits.
This course follows the DOT’s National Registry of EMTs (NREMT) curriculum and is approved by the NREMT and the State of Montana Board of Medical Examiners. Incident management training includes mass-casualty incidents, extended rescue and evacuation scenarios. Clinical experience includes a two day health clinic in Costa Rica, ambulance and hospital emergency department clinical observations in Montana. Co-requisite courses PTRM 391 Wilderness Rescue and Survival Skills; PTRM 391 Wilderness Medicine and Risk Management.