

local elementary and secondary teachers in the creation of their professional development dossier. The dossier process is required for teachers to advance in licensure levels as part of the NM Public Education Department (PED) three-tier licensure system. This course provides the guidelines and background information necessary for the successful completion of the Professional Development Dossier PDD for the Strands A-E. Offered: All.

**EDUC-275 Elementary Teaching Field Experience 3 cr.**  
Opportunity for students to conduct classroom instruction under supervision in an elementary school setting. Students will be observed and coached by the classroom teacher and by college faculty. Emphasis on connecting learning theory with actual practice, and use of reflection for continual instructional improvement. Prerequisites: EDUC-240, EDUC-242, and EDUC-250. Offered: Fall & Spring. Faculty Permission Required.

**EDUC-277 Secondary Teaching Field Experience 3 cr.**  
Opportunity for students to conduct classroom instruction, under supervision, related to their content field in a secondary setting. Students are observed and coached by the classroom teacher and college faculty. Sessions emphasize connecting learning theory with actual practice, and use of reflection for continual instructional improvement. Prerequisites: EDUC-240, EDUC-242, and EDUC-250. Offered: Fall & Spring. Faculty Permission Required.

**EDUC-279 K-12 Special Education Field Experience 3 cr.**  
Provides students with opportunity to conduct classroom instruction, under supervision, in a K-12 Special Education setting. Students will be observed and coached by the classroom teacher and by college faculty. Students are expected to demonstrate knowledge of content, instructional planning adapted to diverse learners, assessment and classroom management skills. De-briefing sessions will emphasize connecting learning theory with actual practice, and use of reflection for continual instructional improvement. Prerequisites: EDUC-240, EDUC-250, and EDUC-252. Offered: Fall & Spring. Faculty Permission Required.

#### **EDUC-280**

Internship Practicum Supervised cooperative work program. Student is employed in an education related environment. Student will be supervised and rated by the employer and instructor during the first semester in the Alternative Licensure Program. Typically 3 credits. Offered: Fall & Spring. Faculty Permission Required.

### **EMERGENCY MEDICAL SERVICES**

**EMSP-111 Emergency Medical Responder 4 cr.**  
Designed for students that do not intend to pursue more advanced training in EMS, students are introduced to various life saving skills including CPR, airway management, patient assessment, and basic medical and trauma care. Prerequisites: Completion of RDNG-050 or appropriate Reading Accuplacer score. Offered: All. Faculty permission required.

**EMSP-112 Physical Fitness for EMS Personnel 1 cr.**  
Emphasizes the importance of physical fitness as a key component to being prepared to provide professional emergency medical care. Students will participate in activities to increase flexibility, strength, and cardiovascular endurance. Offered: Fall & Spring.

**EMSP-116 Emergency Medical Technician 12 cr.**  
Provides the entry-level foundation for starting a career in emergency medical services. Includes instruction on EMS operations, airway management, patient assessment, medical and trauma care, and care of special patient populations including pediatrics through a combination of lecture, skills lab, and simulated patient care scenarios. Course also includes a clinical or field component to allow students to apply their knowledge in real patient care situations. Prerequisites: Completion of RDNG-113 or appropriate Reading Accuplacer score. Offered: All. Faculty Permission Required.

**EMSP-117 EMR/EMT/AEMT Refresher 2 cr.**  
Reviews the information presented in the initial Emergency Medical Responder, Emergency Medical Technician and Advanced Emergency Medical Technician (Intermediate) courses. Fulfills the formal refresher requirements for relicensure/recertification at the New Mexico state or national level. Special prerequisite: Current licensure or certification at one of the levels covered by the course. Offered: All. Faculty Permission Required.

**EMSP-125 Advanced Emergency Medical Technician 7 cr.**  
Serves as the theory component of the Advanced Emergency medical Technician curriculum. Reviews foundational information from the EMT course. Includes instruction on advanced skills including advanced patient assessment, intravenous access, intravenous fluid resuscitation, and expanded medication administration. Taken in combination with a lab course and a clinical/field internship. Special prerequisites: High school diploma or GED; Current NM EMT licensure or National Registry EMT certification valid through the duration of the program; Current AHA Basic Life Support or comparable healthcare provider CPR certification valid through the duration of the program. Prerequisites: Completion of RDNG-113 and MATH-096 or appropriate Reading and Math Accuplacer scores. Corequisites: EMSP-128, EMSP-131. Offered: Fall & Spring. Faculty Permission Required.

**EMSP-128 Advanced EMT Lab 3 cr.**  
Serves as the lab component of the Advanced Emergency Medical Technician curriculum. Reinforces Advanced EMT theory through practical labs and simulated patient care scenarios. Taken in combination with a theory course and a clinical/field internship. Special prerequisites: High school diploma or GED; Current NM EMT licensure or National Registry EMT certification valid through the duration of the program; Current AHA Basic Life Support or comparable healthcare provider CPR certification valid through the duration of the program. Prerequisites: Completion of RDNG-113 and MATH-096 or appropriate Reading and Math Accuplacer scores. Corequisites: EMSP-125, EMSP-131. Offered: Fall & Spring. Faculty Permission Required.

**EMSP-131 Advanced EMT Clinical/Field Internship 2 cr.**  
Serves as the clinical/field internship component of the Advanced Emergency Medical Technician curriculum. Provides an opportunity for Advanced EMT students to apply their new knowledge in real patient care situations. Course is a minimum of 75 hours but may require additional hours to complete required skills. Taken in combination with a theory course and a lab course. Special prerequisites: High school diploma or GED; Current NM

EMT licensure or National Registry EMT certification valid through the duration of the program; Current AHA Basic Life Support or comparable healthcare provider CPR certification valid through the duration of the program. Prerequisites: Completion of RDNG-113 and MATH-096 or appropriate Reading and Math Accuplacer scores. Corequisites: EMSP-125,EMSP-128.

Offered: Fall & Spring. Faculty Permission Required.

**EMSP-140 Prehospital Trauma Life Support 1 cr.**

Provides the practicing emergency medical professional with specific knowledge and skills for the prehospital assessment and management of trauma patients. Serves as a continuing education program and may contain information that is a review of initial coursework; course may be able to be applied toward National Registry recertification. Upon successful completion, course participants receive a PHTLS certificate from the National Association of EMTs. Course has required pre-course work that must be turned in on the first day of the course to be admitted. Special prerequisite: Current licensure or certification at EMT level or higher, RN, or physician. Offered: On Demand. Faculty Permission Required.

**EMSP-143 Pediatric Educ for Prehospital Profess. 1 cr.**

Designed by the American Academy of Pediatrics to address a specific area of challenge to the prehospital community, provides the practicing prehospital professional with specific knowledge and skills for the prehospital assessment and management of ill and injured children. Specifically designed for out-of-hospital personnel emphasizing quick assessment and transport decision-making. Serves as a continuing education program and may contain information that is a review of initial coursework; course may be able to be applied toward National Registry recertification. Upon successful completion, course participants receive a PEPP certificate from the American Academy of Pediatrics. Special prerequisite: Current licensure or certification at EMT level or higher, RN, or physician. Offered: On Demand. Faculty Permission Required.

**EMSP-200 Assessment & Clinical Decision Making 1 cr.**

Theory course covering the concepts of advanced patient assessment including history taking, physical exam techniques, and therapeutic communication with patients. Introduces the student to the application of assessment findings to development of patient care plans through clinical decision making. Special prerequisite: Acceptance into the paramedic program. Corequisites: EMSP-112,EMSP-205,EMSP-211,EMSP-216,EMSP-219,EMSP-225,EMSP-229,EMSP-245. Offered: Fall. Faculty Permission Required.

**EMSP-205 Airway and Ventilatory Management 1 cr.**

Theory course covering the concepts of assessment of airway emergencies, advanced airway management, and the care of patients in acute respiratory distress and/or failure. Special prerequisite: Acceptance into the paramedic program. Corequisites: EMSP-112,EMSP-200,EMSP-211,EMSP-216,EMSP-219,EMSP-225,EMSP-229,EMSP-245. Offered: Fall. Faculty Permission Required.

**EMSP-211 Professional Paramedic Practice 2 cr.**

Theory course covering the foundational concepts of paramedicine

as a profession. Reviews concepts from the EMT curriculum.

Emphasizes how the paramedic operates as an integral part of the health care system. Course topics include roles of the paramedic, injury prevention, integration with public health, ethics, research, and emotional and social intelligence. A high-level review of anatomy and physiology is also included. Special prerequisite: Acceptance into the paramedic program. Corequisites: EMSP-112,EMSP-200,EMSP-205,EMSP-216,EMSP-219,EMSP-225,EMSP-229,EMSP-245.

Offered: Fall. Faculty Permission Required.

**EMSP-216 Emergency Pharmacology 2 cr.**

Theory course covering the concepts of pharmacokinetics, pharmacodynamics, dosage calculations, and administration of medications in the prehospital setting. Includes training in intravenous and intosseus access and fluid resuscitation. Special prerequisite: Acceptance into the paramedic program.

Corequisites: EMSP-112,EMSP-200,EMSP-205,EMSP-211,EMSP-219,EMSP-225,EMSP-229,EMSP-245. Offered: Fall. Faculty Permission Required.

**EMSP-219 Medical Emergencies I 1 cr.**

Theory course covering the pathophysiology, assessment, and management of common medical emergencies in the areas of pulmonology, neurology, and endocrinology. Special prerequisite: Acceptance into the paramedic program. Corequisites: EMSP-112,EMSP-200,EMSP-205,EMSP-211,EMSP-216,EMSP-225,EMSP-229,EMSP-245. Offered: Fall. Faculty Permission Required.

**EMSP-225 Cardiology 3 cr.**

Theory course covering the pathophysiology, assessment, and management of cardiac patients. Includes instruction on the theory of electrocardiographic monitoring, rhythm interpretation, and 12-lead interpretation. Special prerequisite: Acceptance into the paramedic program. Corequisites: EMSP-112,EMSP-200,EMSP-205,EMSP-211,EMSP-216,EMSP-219,EMSP-229,EMSP-245. Offered: Fall. Faculty Permission Required.

**EMSP-229 Paramedic Lab I 11 cr.**

Serves as the lab component of the first semester of the paramedic program. Reinforces paramedic theory coursework through practical labs and simulated patient care scenarios. Topics covered include foundational paramedic practice, assessment and clinical decision making, airway and ventilatory management, pharmacology, cardiology, and medical emergencies. Special prerequisite: Acceptance into the paramedic program. Corequisites: EMSP-112,EMSP-200,EMSP-205,EMSP-211,EMSP-216,EMSP-219,EMSP-225,EMSP-245. Offered: Fall. Faculty Permission Required.

**EMSP-242 Trauma Management 3 cr.**

Theory course covering the pathophysiology, assessment, and management of the trauma patient. Includes discussions on mechanism of injury, hemorrhage and shock, burns, and injuries to different body systems. Incorporates the Prehospital Trauma Life Support curriculum. Special prerequisite: Acceptance into the paramedic program. Corequisites: EMSP-112,EMSP-246,EMSP-251,EMSP-256,EMSP-261,EMSP-269,EMSP-271,EMSP-274.

Offered: Spring. Faculty Permission Required.

- EMSP-245 Advanced Cardiac Life Support** 1 cr.  
Provides intense study in the advanced care of patients suffering cardiac emergencies. Course follows the ACLS curriculum of the American Heart Association. Students should have a strong understanding of cardiac rhythm interpretation. Upon successful completion, course participants receive an ACLS certificate from the American Heart Association. Course has required pre-course work that must be turned in on the first day of the course to be admitted. Course is also available on demand. Special prerequisite: Current AHA Basic Life Support or comparable healthcare provider CPR certification. Offered: Fall. Faculty Permission Required.
- EMSP-246 Pediatric Advanced Life Support** 1 cr.  
Provides intense study in the advanced care of pediatric patients suffering cardiac and respiratory emergencies. Course follows the PALS curriculum of the American Heart Association. Students should have a strong understanding of cardiac rhythm interpretation. Upon successful completion, course participants receive a PALS certificate from the American Heart Association. Course has required pre-course work that must be turned in on the first day of the course to be admitted. Course is also available on demand. Special prerequisite: Current AHA Basic Life Support or comparable healthcare provider CPR certification. Offered: Spring. Faculty Permission Required.
- EMSP-251 EMS Operations** 2 cr.  
Theory course covering the operational aspects of paramedic practice including discussions on communications and documentation, medical/legal issues, incident command, hazardous materials, rescue, crime scene awareness, and bioterrorism/WMD. Special prerequisite: Acceptance into the paramedic program. Corequisites: EMSP-112, EMSP-242, EMSP-246, EMSP-256, EMSP-261, EMSP-269, EMSP-271, EMSP-274. Offered: Spring.
- EMSP-256 Current Issues in EMS** 2 cr.  
Theory course covering changing EMS practice. Recognizing that EMS practice is dynamic, this course takes a look at current research in emergency medicine and prehospital care and evaluates how it will effect paramedic practice in the future. Emphasizes the process and the value of research to practice. Special prerequisite: Acceptance into the paramedic program. Corequisites: EMSP-112, EMSP-242, EMSP-246, EMSP-251, EMSP-261, EMSP-269, EMSP-271, EMSP-274. Offered: Spring.
- EMSP-261 Special Populations** 2 cr.  
Theory course covering the unique aspects of pathophysiology, assessment, and management of patients in special population groups including pediatrics, geriatrics, abused and neglected, and special needs/challenges including acute home health care patients. Incorporates the Pediatric Education for Prehospital Professionals curriculum. Special prerequisite: Acceptance into the paramedic program. Corequisites: EMSP-112, EMSP-242, EMSP-245, EMSP-251, EMSP-256, EMSP-269, EMSP-271, EMSP-274. Offered: Spring.
- EMSP-269 Medical Emergencies II** 4 cr.  
Theory course covering the pathophysiology, assessment, and management of common medical emergencies in the areas of allergies and anaphylaxis, gastroenterology, urology, toxicology, hematology, environmental exposures, infectious and communicable diseases, behavioral medicine, gynecology, obstetrics, orthopedics, and HEENT. Special prerequisite: Acceptance into the paramedic program. Corequisites: EMSP-112, EMSP-242, EMSP-246, EMSP-251, EMSP-256, EMSP-261, EMSP-271, EMSP-274. Offered: Spring.
- EMSP-271 Paramedic Clinical** 4 cr.  
Serves as the clinical component of the paramedic program. Provides paramedic students an opportunity to apply their knowledge in real patient care situations. Clinical rotations include time in hospital departments such as emergency, intensive care, pediatrics, surgery, obstetrics, and respiratory and also at other sites including urgent cares, physician clinics, and daycare centers. Course is a minimum of 150 hours but may require additional hours to complete required skills. Taken in combination with theory and lab courses. Special prerequisite: Acceptance into the paramedic program. Corequisites: EMSP-112, EMSP-242, EMSP-246, EMSP-251, EMSP-256, EMSP-261, EMSP-270, EMSP-274. Offered: Spring.
- EMSP-274 Paramedic Lab II** 10 cr.  
Serves as the lab component of the second semester of the paramedic program. Reinforces paramedic theory coursework through practical labs and simulated patient care scenarios. Topics covered include medical emergencies, trauma, special populations, operations, and current issues. Special prerequisite: Acceptance into the paramedic program. Corequisites: EMSP-112, EMSP-242, EMSP-246, EMSP-251, EMSP-256, EMSP-261, EMSP-269, EMSP-271. Offered: Spring. Faculty Permission Required.
- EMSP-279 Paramedic Capstone** 2 cr.  
Capstone course providing a comprehensive review of all prior paramedic coursework to prepare students for New Mexico and National Registry testing, presentation of student research projects, and debriefing of field internship experiences. Course also involves comprehensive written and psychomotor exams that will serve as a final for the entire program. Special prerequisite: Acceptance into the paramedic program. Corequisites: EMSP-282. Offered: Summer. Faculty Permission Required.
- EMSP-282 Paramedic Field Internship** 13 cr.  
Serves as the field internship component of the paramedic curriculum. Provides an opportunity for Paramedic students to apply their new knowledge in real patient care situations. Course is a minimum of 500 hours but may require additional hours to complete required skills. Special prerequisite: Acceptance into the paramedic program. Corequisites: EMSP-279 Faculty Permission Required. Offered: Summer.
- EMSP-288 Paramedic Refresher** 3 cr.  
Reviews the information presented in the initial Paramedic course. Fulfills the formal refresher requirements for relicensure/recertification at the New Mexico state or national level. Special prerequisite: Current licensure or certification at the paramedic level. Offered: All. Faculty Permission Required.