

## Course Descriptions

### ***PAR100 - Paramedic Phase I***

***Clock Hours: 327***

This phase provides a detailed study of EMS systems, documentation, communication, medical/legal issues, and ethics. This course will also cover patient assessment and history taking, scene safety, behavioral emergencies, respiratory anatomy/physiology and emergencies, pharmacology, and trauma.

### ***PAR200 - Paramedic Phase II***

***Clock Hours: 253***

This phase provides a detailed study of cardiovascular anatomy, physiology, pathophysiology, and emergencies. Also included is the assessment and management of patients requiring critical intervention, medical terminology, electrocardiographic (EKG) recognition and 12-lead EKG for field diagnosis, as well as pharmacological and electrical interventions.

Pre-requisite: PAR100

### ***PAR300 - Paramedic Phase III***

***Clock Hours: 222***

This phase provides an understanding of the anatomic structures, physiology, and pathophysiologies encountered during assessment and the provision of care for obstetrical and gynecological emergencies, pediatric emergencies, and medical emergencies encompassing immunology, infectious disease including HIV/AIDS, the endocrine system, toxicology, environmental emergencies, SCUBA diving, and hematology.

Pre-requisite: PAR200

### ***PAR400 - Paramedic Phase IV***

***Clock Hours: 160***

This phase serves as the mandatory field internship capstone portion of the program. During this phase, each student is required to obtain 20 team leads during their field internship capstone. All core material of the paramedic program has been taught by this phase. While students are completing their capstone, classes will cover National Registry review lectures including pharmacology, EMS operations, cardiology, ACLS/PALS refresher, respiratory & airway, medical emergencies, trauma, OB/GYN, & pediatrics. Students will also complete an International Trauma Life Support (ITLS) course to further review trauma in preparation for the NREMT. There will also be a variety of labs that focus on preparing the students' practical skill competency.

Pre-requisite: PAR300