

Paramedic Science

Associate in Applied Science in Allied Health & Life Science

Program Description:

The Emergency Medical Technician-Paramedic (EMT-Paramedic) is a specialist in the pre-hospital care of the sick and injured. This person bridges the gap between the emergency room physician and the critical patient in the out-of-hospital setting. Paramedics provide emergency medical treatment and stabilization, rescue of persons entrapped in life-threatening situations, transportation of critical patients to specialized treatment facilities, support and assistance to fire and law enforcement agencies, and public education and safety training to target populations.

The student completing an Associate in Applied Science Paramedic Degree will complete in addition to the Paramedic courses, general education courses that will better prepare the student to enter the workforce and progress to competitive job markets and management positions.

The EMT-Paramedic Associate Degree program is an intense program designed for individuals involved in both career and volunteer aspects of the Emergency Medical Services realm. The program consists of classroom lectures, practical labs and approximately 400 hours of clinical internships, as well as core courses and EMS courses specifically designed for EMS professionals. Students will be eligible to sit for the National Registry of Emergency Medical Technicians Paramedic Examination after completion of the Paramedic Science (Certificate) Program only if the student has maintained a letter grade of "C" or higher in all Paramedic Science (Certificate) courses and credit "CR" in all Paramedic Clinical courses.

Students approved for program admission in the academic year 2010-11 will begin core coursework for the Paramedic Program (Associate of Applied Science) in the fall of 2010.

Career Outlook:

Employment of emergency medical technicians and paramedics is expected to grow faster than the average for all occupations through 2012. Population growth and urbanization will increase the demand for full-time paid EMTs and Paramedics rather than for volunteers. In addition, a large segment of the population—the aging baby boomers—will further spur demand for EMT services as they become more likely to have medical emergencies. There will still be demand for part-time, volunteer EMTs and paramedics in rural areas and smaller metropolitan areas. In addition to those arising from job growth, openings will occur because of replacement needs.

Salary Forecast:

Earnings of EMTs and paramedics depend on the employment setting and geographic location as well as the individual's training and experience. Median annual earnings of EMTs and paramedics were \$27,070 in May 2006. The middle 50 percent earned between \$21,290 and \$35,210. The lowest 10 percent earned less than \$17,300, and the highest 10 percent earned more than \$45,280. Median annual earnings in the industries employing the largest numbers of EMTs and paramedics in May 2006 were:

Local government	\$32,140
General medical and surgical hospitals	\$30,400
Ambulatory health care services	\$26,740

(Information obtained from *Occupational Outlook Handbook, 2008-2009*)

Admission Requirements:

1. Students seeking admission into the Paramedic Science program must arrange an appointment with the program faculty prior to submitting the application packet. This is to ensure that students receive current information regarding the program admission requirements and the criteria for selection. Application packets are available at the Allied Health and Life Sciences Division, Cabell Hall Room 304 or call (304) 696-6270 for more information.
2. Students must be EMT-B certified and maintain EMT-B certification as prerequisite for admission to and continuation in the program.
3. Prior to admission to the Paramedic Science program and/or clinical internships, students may be required to document that they have successfully passed a criminal background check and drug screen. For more information concerning the Allied Health criminal background check and drug screen procedure, please contact the Dean of Allied Health and Life Science at (304) 696-6270

Major Code – CP30

FIRST YEAR^{1,2,3}	
Fall Semester ENL 111 Written Communication3 IT 101 Fundamentals of Computers (EDGE).....3 MAT 150 Applied Professional Mathematics.....3 SS 201 Human Relations3 TOTAL CREDITS.....12	Spring Semester BIOL 258 Principle of Anatomy & Physiology4 COM 112 Oral Communication.....3 EME 109 Emergency Medical Technician (EDGE)6 EME 109L Emergency Medical Technician Lab(EDGE).....1 TOTAL CREDITS.....14
SECOND YEAR^{4,3,4}	
Fall Semester PAR 130 Introduction to EMS Systems.....3 PAR 210 Patient Assessment & Airway2 PAR 211 Principles of Trauma Management.....2 PAR 212 Pre-Hospital Pharmacology2 PAR 241 Advanced Paramedic Skills Lab I3 PAR 251 Paramedic Clinical I ⁴3 TOTAL CREDITS.....15	Spring Semester PAR 220 Cardiovascular Emergencies4 PAR 221 OB/GYN/Neonatal/Pediatric Emergencies2 PAR 230 Pre-Hospital Care Considerations2 PAR 231 Medical Emergencies4 PAR 242 Advanced Paramedic Skills Lab II3 PAR 252 Paramedic Clinical II ⁴3 TOTAL CREDITS.....18
SUMMER	
Summer Semester PAR 125 Rescue Operations.....3 PAR 243 Advanced Paramedic Skills Lab III3 PAR 253 Paramedic Clinical III ⁴3 TOTAL CREDITS.....9	
HOURS REQUIRED FOR GRADUATION: 68	

Employment Opportunities:

- Hospitals
- Emergency medical service providers
- Private corporations
- Governmental agencies
- Aeromedical flight services
- Industry

Those in emergency medical services who are part of fire or police departments receive the same benefits as firefighters or police officers. For example, many are covered by pension plans that provide retirement at half pay after 20 or 25 years of service or if the worker is disabled in the line of duty.

Earn A Degree Graduate Early (EDGE):

This program provides students the opportunity to receive credit for their high school EDGE courses.

Contact Information:

Edward Bays • Cabell Hall, Room 211
 Phone: 304-696-4870 or 1-866-N-ROLLED (1-866-676-5533) • E-mail: bays@mctc.edu

1. Students move through paramedic coursework in sequence, beginning with the First Semester (Fall) coursework.
2. Students must receive a letter grade of "C" or higher in "PAR" courses to be eligible to graduate from the program
3. Clinical Grades will be given on a Credit/Non-Credit basis. Students must earn a credit grade in all "PAR" clinical courses to be eligible to graduate from the program.
4. Students who at anytime during the program earn a letter grade below a "C" in "PAR" courses or receive a non-credit in "PAR" clinical courses will be dismissed from the program.