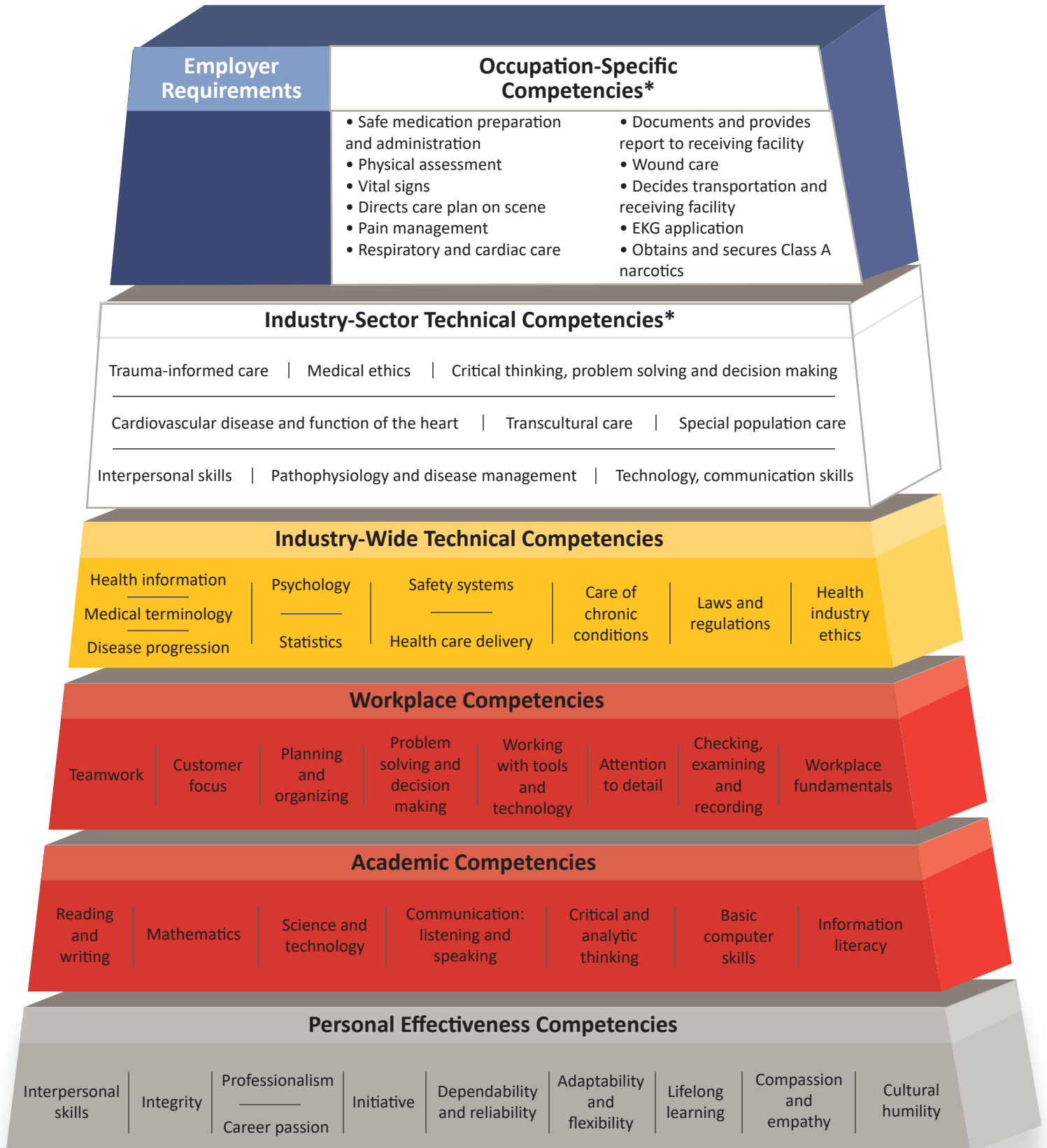


Minnesota Dual-Training Pipeline

Competency Model for Health Care Services

Occupation: EMT to Paramedic Pathway

Dual trainee must be a currently certified EMT to participate in pathway



Based on: Health: Allied Health Competency Model Employment and Training Administration, United States Department of Labor, December 2011.

* Pipeline recommends the Industry-Sector Technical Competencies as formal training opportunities (provided through related instruction) and the Occupation-Specific Competencies as on-the-job training opportunities.



Competency Model for Health Care Services

EMT to Paramedic Pathway – paramedics are advanced providers of emergency medical care and are highly educated in topics such as anatomy and physiology, cardiology, medications and medical procedures. They build on their education and learn more skills such as administering medications, starting intravenous lines, providing advanced airway management for patients, and learning to resuscitate and support patients with significant problems such as heart attacks and traumas.

Industry-Sector Technical Competencies

- Trauma Informed Care – knowledge about how trauma impacts the physical, mental, behavioral, social and spiritual areas for the patient and how to align care with the unique circumstances of the patient.
- Technology and Communication Skills – observe, record and report to physician the patient’s condition or injury, the treatment provided and reactions to drugs or treatment.
- Transcultural Care – understand outreach to persons and populations that are underserved by traditional care systems. Awareness of different cultures and how they interact with one another.
- Decides Transportation and Receiving Facility – selects the best mode of transportation and receiving facility for a patient with a time-critical diagnosis.
- Pathophysiology and Disease Management – exploring chronic conditions commonly encountered in a primary care and public health setting.
- Cardiovascular disease and function of the Heart – learn the concepts and skills for assessing and managing the out-of-hospital cardiac patient.
- Interpersonal Skills – must be approachable with interpersonal skills that encourage individuals to feel comfortable during high stress situations.
- Special Population Care – knowledge of care of abuse victims, pediatric and geriatric patients. Identify events of pregnancy, delivery and complications.
- Critical Thinking/Problem Solving/Decision Making – ability to gather data information, synthesize data and produce urgent and appropriate care for patient in the pre-hospital setting.
- Medical Ethics – understand principles of medical ethics and how they apply in professional standards.

Occupation-Specific Competencies

- Safe Medication Preparation and Administration – learn techniques needed to diagnose and treat human injuries, diseases and emergencies. This includes symptoms, treatment, drug properties and interactions and preventive health care measures.
- Physical Assessment – life support patient assessment concepts, skills and prioritization to perform lifesaving interventions.
- Vital Signs – accurately take and record vital information.
- Directs care plan on scene – pre-hospital treatment and stabilization for serious illness and injuries.
- Pain Management – ability to identify, measure, interpret and effectively treat pain which often is the chief complaint that has resulted in a call for assistance.
- Respiratory and Cardiac Care – ability to formulate and manage a comprehensive treatment plan for an airway/respiratory or cardiovascular/heart emergency situation.
- Documents and provides report to receiving facility – to provide an accurate, comprehensive permanent record of pre-hospital care provided, medical condition and patient history.
- Wound Care – demonstrate proficiency in simple primary wound closure.
- Patient Transfer – select best mode of transportation for the trauma patient.
- EKG Application – understanding of EKG application and acquisition and the purpose of cardiac monitoring.
- Obtains and Secures Class A Narcotics – controlled substances that have no currently accepted medical use and high potential for abuse.

Possible Certifications

- Paramedic Associate in Applied Science Degree
- Paramedic Science Associate in Applied Science Degree
- Paramedicine Associate in Applied Science Degree
- Paramedic Diploma
- Emergency Medicine Paramedic Associate of Science Degree
- Intensive Care Paramedic Technician Diploma

EMT to Paramedic Pathway Training Plan
Dual Trainee must be a currently certified EMT to participate in Pathway

	List Course/Training Name and Title	Description of Courses and/or Training Program	List Responsible Provider: Company, College, Trainer, or other	Anticipated Completion Date
<i>Related Instruction Competencies</i>				
Trauma Informed Care				
Technology and Communication Skills				
Transcultural Care				
Decides Transportation and Receiving Facility				
Pathophysiology and Disease Management				
Cardiovascular Disease and Function of the Heart				
Interpersonal Skills				
Special Population Care				
Critical Thinking/Problem Solving/Decision Making				
Medical Ethics				
<i>On-The-Job Training Competencies</i>				

Safe Medication Preparation and Administration Physical Assessment				
Vital Signs				
Directs Care Plan on Scene				
Pain Management				
Respiratory and Cardiac Care				
Documents and Provides Report for Receiving Facility				
Wound Care				
Patient Transfer				
EKG Application				
Obtains and Secures Class A Narcotics				