



**COWLEY COLLEGE  
& Area Vocational Technical School**

**COURSE PROCEDURE FOR**

**COMMUNITY PARAMEDIC / MOBILE INTEGRATED HEALTHCARE  
EMS 5685 14 Credit Hours**

**Student Level:**

This course is open to students on the college level in the freshman or sophomore year.

**Catalog Description:**

**EMS 5685 - Community Paramedic/Mobile Integrated Healthcare (14 hrs)**

This course is designed to help the student increase his or her knowledge concerning the level of responsibility that clinicians will be expected to know in order to perform as a Community Paramedic. Upon completion, the training program aims to produce clinicians who have the competencies, knowledge, and professional skills to function as a Community Paramedic in a mobile integrated healthcare system. Course completers will receive a certificate of completion from Cowley College in Community Paramedic/Mobile Integrated Healthcare. The qualifications will be nationally and internationally recognized as an established system of care serving urban, rural, and frontier communities.

**Prerequisites:**

Student must have a completed background check on file, meet or exceed minimum reading score of 63 according to the COMPASS Reading test or ACT Reading score of 18 or higher; Associate degree or higher to waive the COMPASS test. Student must currently be certified and/or licensed as a Paramedic (or equivalent) by a recognized state governing body or the National Registry of Emergency Medical Technicians (NREMT). Student must have two years of experience as a street level provider in a service that provides advanced life support (ALS) care of patients.

At the start of the course, each student will be required to have a background check and urinalysis completed.

**Controlling Purpose:**

This course is designed to help the student increase his or her knowledge concerning the level

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of responsibility that clinicians will be expected to know in order to perform as a Community Paramedic.

**Learner Outcomes:**

Upon completion, the training program aims to produce clinicians who have the competencies, knowledge, and professional skills to function as a Community Paramedic in a mobile integrated healthcare system. Course completers will receive a certificate of completion from Cowley College in Community Paramedic/Mobile Integrated Healthcare. The qualifications will be nationally and internationally recognized as an established system of care serving urban, rural, and frontier communities.

**Units Outcomes and Criterion Based Evaluation Key for Core Content:**

The following defines the minimum core content not including the final examination period. Instructors may add other content as time allows.

Evaluation Key:

- A = All major and minor goals have been achieved and the achievement level is considerably above the minimum required for doing more advanced work in the same field.
- B = All major goals have been achieved, but the student has failed to achieve some of the less important goals. However, the student has progressed to the point where the goals of work at the next level can be easily achieved.
- C = All major goals have been achieved, but many of the minor goals have not been achieved. In this grade range, the minimum level of proficiency represents a person who has achieved the major goals to the minimum amount of preparation necessary for taking more advanced work in the same field, but without any major handicap of inadequacy in his background.
- D = A few of the major goals have been achieved, but the student's achievement is so limited that he is not well prepared to work at a more advanced level in the same field. or training in this area.
- F = Failing, will be computed in GPA and hours attempted.
- N = No instruction

## UNIT 1: Role of the Community Paramedic in the Health Care System

Outcomes: The Community Paramedic will understand and analyze their role in the health care system.

A	B	C	D	F	N	Specific Competencies
						Demonstrate the ability to:
						The Community Paramedic will be able to define Community Paramedic.
						The Community Paramedic will be able to define his or her role within a distinct community.
						The Community Paramedic will demonstrate the ability to navigate and establish systems to better serve communities and clients.
						The Community Paramedic will be able to define his or her role as a direct service provider.
						The Community Paramedic will be able to define his or her role as a mentor and stakeholder empowerment advocate.
						The Community Paramedic will be able to discuss the history and future of their role.
						The Community Paramedic will be able to discuss rural and remote medical care dilemma in the United States.
						The Community Paramedic will be familiar with the 2004 Rural and Frontier EMS Agenda of the Future.
						The Community Paramedic will be familiar with the Community Healthcare and Emergency Cooperative (CHEC).
						The Community Paramedic will be familiar with the International Roundtable on Community Paramedics (IRCP).
						The Community Paramedic will be able to explain the “scope of practice” to stakeholders.
						The Community Paramedic will be able to define the current paramedic scope of practice and how it drives the Community Paramedic scope of practice.
						The Community Paramedic will assess and identify gaps between community needs and services
						The Community Paramedic will develop solutions to improve quality of life and health.
						The Community Paramedic will defend the importance of providing services only where and when there are no others to provide them.

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							The Community Paramedic will predict how to establish and navigate systems to better serve citizens.
							The Community Paramedic will defend the roles of advocate, facilitator, liaison, and resource coordinator.
							The Community Paramedic will explain the need for expanded services.
							The Community Paramedic will be able to discuss the different relationship they will have with members of the healthcare team, including EMS, nursing, and social workers.
							The Community Paramedic will be able to compare and contrast the strategies of advocacy and liaison work.
							The Community Paramedic will be able to identify common local, regional, state, and national organizations that can provide support for clients.

**UNIT 2: Social Determinants of Health**

Outcomes: The Community Paramedic will understand the social determinants of health.

A	B	C	D	F	N	Specific Competencies
						Demonstrate the ability to:
						The Community Paramedic will be able to define the social ecology model and the determinants of health.
						The Community Paramedic will be able to describe the correlation between health status indicators and individual characteristics.
						The Community Paramedic will describe age as an individual health factor determinant.
						The Community Paramedic will describe gender as an individual health factor determinant.
						The Community Paramedic will describe educational level as an individual health factor determinant.
						The Community Paramedic will describe economic status as an individual health factor determinant.
						The Community Paramedic will describe race as an individual health factor determinant.
						The Community Paramedic will be able to identify social characteristics that are correlated with health status indicators.
						The Community Paramedic will describe race as a social health status indicator.

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							The Community Paramedic will describe ethnicity as a social health status indicator.
							The Community Paramedic will describe relationship status as a social health indicator.
							The Community Paramedic will be able to identify environmental determinants of health.
							The Community Paramedic will describe environmental triggers as an environmental determinate of health.
							The Community Paramedic will describe urban blight as a an environmental determinate of health.
							The Community Paramedic will be able to identify the impact of organizational policies, societal regulations and laws on health behaviors.
							The Community Paramedic will discuss the impact of drunk driving laws on health behaviors.
							The Community Paramedic will discuss the impact of seat belt use on health status.
							The Community Paramedic will discuss the influence of culture and spirituality on health status indicators.
							The Community Paramedic will be able to define social margin.
							The Community Paramedic will identify high risk and high need populations.
							The Community Paramedic will identify factors that lead to inequalities of healthcare.
							The Community Paramedic will be able to describe the role documentation plays in assessing the gaps in patient’s healthcare needs and in providing resources to the patient.
<b>UNIT 3: Public Health and the Primary Care Role of the Community Paramedic</b>							
Outcomes: The Community Paramedic will understand their role in public health and primary care.							
A	B	C	D	F	N		Specific Competencies
							Demonstrate the ability to:
							The Community Paramedic will be able to describe health promotion activities in public health.
							The Community Paramedic will be able to defend to role of Health Risk Appraisals (HRAs) in public health.

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							The Community Paramedic will be able to defend the role of biometric screening in public health.
							The Community Paramedic will be able to defend the role of immunizations in public health.
							The Community Paramedic will be able to defend the role of community education in public health.
							The Community Paramedic will be able to describe primary and secondary injury prevention activities in public health.
							The Community Paramedic will be able to list examples of injury prevention efforts by life-stage.
							The Community Paramedic will be able to describe chronic disease management in public health.
							The Community Paramedic will be able to describe and apply appropriate risk mitigation strategies based on the social determinants of health.
							The Community Paramedic will identify and apply individual level behavior modification strategies.
							The Community Paramedic will describe and apply methods to improve Health Literacy.
							The Community Paramedic will describe and apply methods to reduce social, environmental, and economic risks to health.
							The Community Paramedic will be able to discuss financial impact of the Community Paramedic upon healthcare payers.
							The Community Paramedic will describe public and private insurance programs.
							The Community Paramedic will identify common barriers to enrollment in public programs.
							The Community Paramedic will demonstrate how to assist in completing applications for public and private programs.
							The Community Paramedic will identify other potential financial stakeholders.
							The Community Paramedic will be able to describe and apply the appropriate evaluation techniques, including formative, process, outcome, and impact evaluations, to measure the success of a program.
<b>UNIT 4: Developing Cultural Competence</b>							
Outcomes: The Community Paramedic will become culturally competent.							
A	B	C	D	F	N	Specific Competencies	
							Demonstrate the ability to:

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							The Community Paramedic will be able to provide a broad definition of culture.
							The Community Paramedic will be able to specifically define culture, ethnic group, and acculturation.
							The Community Paramedic will be able to recognize the divide between culture and individual identity.
							The Community Paramedic will assess factors that affect an individual's experience with culture of origin.
							The Community Paramedic will gauge the degree of acculturation of an individual.
							The Community Paramedic will be able to describe how cultural barriers and stereotypes impact health.
							The Community Paramedic will be able to recognize the risks of stereotyping, including the patient as an individual, inappropriate conclusions, and eroding trust.
							The Community Paramedic will develop a process for becoming culturally competent, including factors for considering race, ethnicity, religion, spirituality, sexual identity, and age.
							The Community Paramedic will be able to incorporate cultural competence into community paramedic work.
							The Community Paramedic will describe the role of cultural consideration when utilizing a Needs Assessment, Web of Resources, and Referrals.
							The Community Paramedic will be able to discuss how culture can impact the Web of Resources, outreach, the individual, and the community in the EMS system.
<b>UNIT 5: The Community Paramedic's Role Within the Community</b>							
Outcomes: The Community Paramedic will understand their role within the community.							
A	B	C	D	F	N	Specific Competencies	
						Demonstrate the ability to:	
						The Community Paramedic will be able to define and use a community needs assessment.	
						The Community Paramedic will be able to develop potential patient profiles based upon EMS call volume.	
						The Community Paramedic will extrapolate client profiles based on use of EMS, populations, morbidity, mortality, perception, and call acuity.	
						The Community Paramedic will develop profiles for other needs of the community based on high risk and high need populations, as well as societal	

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						and institutional gaps.
						The Community Paramedic will be able to discuss how mapping plays a role, as part of a community needs assessment.
						The Community Paramedic will demonstrate use of GIS mapping to track frequent use, creating a map of unmet community needs, and add to the map based on challenges of individual service areas.
						The Community Paramedic will be able to describe different types of safety nets, including specifically: organizations, non-profit safety nets, private safety nets, and public safety nets.
						The Community Paramedic will be able to discuss the role financing plays on the types of clients an agency will serve and how to refer clients for assistance in applying for benefits.
						The Community Paramedic will describe the process for taking referrals, receiving referrals, and evaluating receipt of assistance.
						The Community Paramedic will be able to discuss the different types and levels of care available to address a client's health, mental health, substance abuse, and social service (both outpatient and hospital based) needs.
						The Community Paramedic will be able to create a resource map with types of services and types of clients specified on the map.
						The Community Paramedic will define and explain the web of resources.
						The Community Paramedic will be able to translate client/community need into a web of resources based on client profiles and types and trajectories of care.
						The Community Paramedic will be able to use pathways to care for clients, including levels of care, client populations, assisting programs, and follow-up on referrals.
						The Community Paramedic will be able to discuss the concept of negative consequences in working with clients.
						The Community Paramedic will integrate the concepts of parallel web of resources, behavioral paradigms, behavior change, utilization, individual client situation, and goals when discussing negative consequences.
						The Community Paramedic will be able to apply negative consequences to modify behavior while maintaining credibility with the client.
						The Community Paramedic will differentiate between threat of negative consequences and use of negative consequences.
						The Community Paramedic will be able to discuss the types of resources needed to apply negative consequences as a means of modifying unhealthy

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						behavior.
						The Community Paramedic will be able to define outreach.
						The Community Paramedic will be able to conduct outreach to a variety of programs for the purpose of engaging their services into the web of resources.
						The Community Paramedic will be able to establish an ongoing relationship and structure a relationship with an agency that becomes part of the web of resources.
						The Community Paramedic will be able to evaluate the effectiveness of the relationship with an agency based on number of clients, difficulties, and amount of assistance.
						The Community Paramedic will be able to identify, use, and discuss the purpose of community outreach with stakeholders.
						The Community Paramedic will be able to use evaluation, deployment, follow-up, and interventions to translate a needs assessment into a community outreach strategy.
						The Community Paramedic will be able to use case findings, safely approaching a client, introductions, biopsychosocial assessment, and resource identification in individual outreach.
						The Community Paramedic will be able to discuss case finding from multiple sources of information for both housed and homeless clients.
						The Community Paramedic will be able to discuss basic safety principles associated with individual outreach, including concerns with working alone, de-escalation, and staffing issues.
						The Community Paramedic will be able to approach a client and introduce them in a manner that sets the tone for effective outreach.
						The Community Paramedic will be able to conduct a biopsychosocial assessment, a psycho-psychosocial assessment, and a bio-medical assessment.
						The Community Paramedic will be able to identify resources that could address unmet or under met needs of a client, factoring in resistance and the web of resources.
						The Community Paramedic will be able to discuss the HOME (Homeless Outreach and Medical Emergency) Team Interventional Technique.
						The Community Paramedic will be able to apply Johnson Intervention, motivational interviewing, and a positive approach as steps involved in the HOME Team interventional technique.

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							The Community Paramedic will integrate system navigation and utilization of other sources of care into the web of resources to motivate clients to change.
							The Community Paramedic will be able to explain the different forms of client referrals (phone and written).
							The Community Paramedic will discuss factors involved with the physical transportation of a client to a resource provider, including client condition, safety, structuring of transports, and receiving agencies.
							The Community Paramedic will be able to identify and provide medical interventions aimed at bridging the gap between field and other sources of care including factors such as: basis for medical care, psychosocial concerns, length of care, and specific types of care.
							The Community Paramedic will be able to provide adequate tracking and follow-up for a client, including: tracking clients, documenting client visits, follow-ups, waivers, information sharing, a Memorandum of Understanding, and moving of clients.
							The Community Paramedic will be able to explain how to reconnect a client to the web of resources.
							The Community Paramedic will be able to discuss appropriate documentation, documentation mechanisms, research and tracking trends.
							The Community Paramedic will be able to discuss the types of documentation to use when a client is contacted through the 911 system, including planning with local and state EMS authorities and local protocols.
							The Community Paramedic will be able to structure documentation during an initial outreach contact.
							The Community Paramedic will be able to conduct ongoing documentation for a client.
							The Community Paramedic will be able to compare and contrast between different types of documentation, including electronic documentation, paper documentation, and forms used for data collection.
<b>UNIT 6: The Community Paramedic's Personal Safety and Wellness</b>							
Outcomes: The Community Paramedic will understand the importance of balancing stress and wellness while ensuring their personal safety.							
A	B	C	D	F	N	Specific Competencies	
						Demonstrate the ability to:	
						The Community Paramedic will be able to define Key terms associated with wellness and safety.	

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						The Community Paramedic will be able to discuss physical, mental, emotional, and spiritual components of well-being.
						The Community Paramedic will be able to discuss the causes of stress, general adaptation syndrome, physiologic responses, to stress, psychological manifestations of stress, and reactions to stress.
						The Community Paramedic will be able to discuss the development of burnout, the role of distress and beliefs in burnout, as well as symptoms of burnout and guidelines for managing burnout.
						The Community Paramedic will be able to identify the warning signs of stress and burnout.
						The Community Paramedic will be able to identify strategies to manage stress.
						The Community Paramedic will be able to discuss the role of nutrition, exercise and relaxation, sleep, disease prevention, and balance in the context of personal wellness.
						The Community Paramedic will be able to discuss the stages of grief, working with family members, dealing with a grieving child, working with the patient, patient reactions, anxiety, mental health problems, and receiving unrelated bad news in the context of death and dying.
						The Community Paramedic will be able to discuss caring for critically ill and injured adult patients, including informing the patient, communication, orientation, refusal of care, allowing for hope, and dealing with family members.
						The Community Paramedic will be able to discuss caring for critically ill and injured pediatric patients as well as dealing with the death of a child.
						The Community Paramedic will be able to identify professional demeanor, compassion, expression of fears and concerns, religious customs, death and DNRs as actions that can reduce stressful situations during patient/family interactions.
						The Community Paramedic will be able to discuss characteristics of professional boundaries such as setting limits, negotiating boundaries, drawing the boundary line, and preventing the crossing of boundaries.
						The Community Paramedic will be able to define key terms associated with personal safety.
						The Community Paramedic will be able to defend self-care, recognition of hazards, and self-control as aspects of personal safety.
						The Community Paramedic will illustrate the knowledge of the spread of infectious disease, transmission.

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							The Community Paramedic will be able to discuss and implement OSHA Blood-Borne Pathogens standard, including CDC, universal precautions, engineering controls, environmental controls, textiles and laundry, soiled patient care equipment, and post-exposure management.
							The Community Paramedic will identify how to minimize risks of infection utilizing preventative measures, respiratory hygiene/cough etiquette, communication, and infection control routine.
							The Community Paramedic will be able to identify and mitigate work environment hazards, physical hazards, sanitation hazards, violence and personal safety while working in a home visit environment.
							The Community Paramedic will be able to define, describe, and evaluate behavioral emergencies.
							The Community Paramedic will be able to explain potential injuries, training and practice, special techniques, body mechanics, and special equipment for safe movement and positioning of a patient.
<b>UNIT 7: The Clinical Experience</b>							
Outcomes: The Community Paramedic will understand and provide the clinical care of the identified population.							
A	B	C	D	F	N	Specific Competencies	
						Demonstrate the ability to:	
						The Community Paramedic will be able to interviewing techniques, approach to an interview, and discussion of sensitive topics, societal aspects, and medication reconciliation to compile a history on a non-acute patient.	
						The Community Paramedic will be able to perform a focused physical examination and comprehensive physical examination through a review of systems and document an appropriate patient history, using a standardized form, of a sub-acute, semi-chronic patient.	
						The Community Paramedic will be able to recognize the clinical differences between the newborn, pediatric, adult, and geriatric populations while monitoring high risk populations, observing for end of life issues, and assessing for use of CAM and communication with a primary medical doctor.	
						The Community Paramedic will be able to interpret results and reports obtained through laboratory procedures, radiological testing, health promotion studies and diagnostic imaging and be able to identify red flags.	
						The Community Paramedic will be able to discuss regulation of point of care testing/CLIA.	

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						The Community Paramedic will be able to obtain specimens and samples for laboratory testing using proper specimen collection techniques and utilization of bedside lab diagnostics.
						The Community Paramedic will utilize specialty equipment in the gathering of a history and physical of a sub-acute, semi-chronic patient, including: digital equipment, cameras, computers, telemedicine, otoscope, and Bluetooth stethoscope.
						The Community Paramedic will be able to demonstrate use of common home health equipment and devices, including: medical equipment, ambulatory assist devices, commodes, in home hospital beds, patient transfer devices and ergonomics.
						The Community Paramedic will be able to access and maintain proper care of ports, central lines, catheters, ileostomy, colostomy, and peg tubes.
						The Community Paramedic will be able to identify the need for Psychological First Aid (PFA) as it pertains to the individual experiencing a crisis situation, including: signs of stress, defense mechanisms, pre-existing conditions, and the development and implementation of PFA.
						The Community Paramedic will be able to assist patients and families with end-of-life issues including hospice and palliative care.
						The Community Paramedic will be able to collaborate with other healthcare professionals to provide care within the public health system including immunizations, transportation and access to resources, health promotion and injury prevention clinical opportunities, and disease prevention activities.
						The Community Paramedic will be able to manage patients with heart failure.
						The Community Paramedic will be able to manage patients with asthma.
						The Community Paramedic will be able to manage patients with COPD.
						The Community Paramedic will be able to manage patients with diabetes.
						The Community Paramedic will be able to manage patients with neurological conditions.
						The Community Paramedic will be able to manage patients with hypertension.
						The Community Paramedic will be able to manage patients with wounds.
						The Community Paramedic will be able to manage patients with infections.

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						The Community Paramedic will be able to manage patients' oral health.
						The Community Paramedic will be able to manage patients' mental health.

**Projects Required:**

As assigned. A project may be required and will be explained by the instructor.

**Textbook:**

Contact Bookstore for current textbook.

**Materials/Equipment Required:**

- Liability Insurance: Required by the field internship sites. This provides you with malpractice insurance coverage while performing required clinicals. \$25.00
- Background check: Required for all students who have direct contact with the public. \$45.00
- Uniforms for Field Rotations: Cost will vary
- Immunizations: Cost will vary
- Travel and Transportation: Field clinicals are completed at a variety of sites. Because of this, students must have adequate transportation and should be aware of the costs involved in this travel. Cost will vary
- Stethoscope (optional): \$15-\$180
- Meals Away from Home during Field Training: Cost will vary

**Attendance Policy:**

Students should adhere to the attendance policy outlined by the instructor in the course syllabus.

**Grading Policy:**

The grading policy will be outlined by the instructor in the course syllabus.

**Maximum class size:**

Based on classroom occupancy

**Course Timeframe:**

The U.S. Department of Education, Higher Learning Commission and the Kansas Board of Regents define credit hour and have specific regulations that the college must follow when developing, teaching and assessing the educational aspects of the college. A credit hour is an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally-established equivalency that reasonably approximates not less than one hour of classroom or direct faculty instruction and a minimum of two hours of

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out-of-class student work for approximately fifteen weeks for one semester hour of credit or an equivalent amount of work over a different amount of time. The number of semester hours of credit allowed for each distance education or blended hybrid courses shall be assigned by the college based on the amount of time needed to achieve the same course outcomes in a purely face-to-face format.

Although this is a competency-based program, the following guidelines for hours shall be utilized:

Classroom: 120 hours

Skills Laboratory: 80 hours

Clinicals: 120 hours

**Refer to the following policies:**

402.00 Academic Code of Conduct

263.00 Student Appeal of Course Grades

403.00 Student Code of Conduct

**Disability Services Program:**

Cowley College, in recognition of state and federal laws, will accommodate a student with a documented disability. If a student has a disability which may impact work in this class and which requires accommodations, contact the Disability Services Coordinator.

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