



Advanced Care Paramedic Diploma

PLAR Candidate Guide

Prior Learning Assessment and Recognition (PLAR)

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Prior learning credit options at Saskatchewan Polytechnic

See [Get Credit for What you Know](#) for important information about all options to get credit for prior learning at Sask Polytech, including PLAR, transfer credit, Canadian Armed Forces credit, and equivalency credit.

How to navigate this document

This document contains links to other document sections or webpages. To return to where you were from another section in this document, press the *ALT* key and *left arrow* key at the same time. To return to this webpage from another webpage, close the other webpage or click back on the browser tab for this document.

Contents of this guide

This guide contains the following specific PLAR information and tools for this program

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A. PLAR fees

Fees for PLAR challenges are set to cover our costs for consultation, assessment, and related administrative tasks. PLAR fees are non-refundable and non-transferrable.

The PLAR fees policy is subject to change for each new academic year. Please see the **Cost** section on the [PLAR webpage](#) for current fee information.

B. PLAR eligibility and options

To be eligible for PLAR you must consult with the [PLAR contact person](#) and be approved for PLAR assessment.

Course prerequisites and corequisites

Some courses have one or more other courses that must be completed first (prerequisite) or at the same time (corequisite). See [course outlines](#) in this guide to identify any pre- or co-requisites for each course. Discuss with your [PLAR contact person](#) how to deal with courses with corequisites.

Block assessment

Some programs may assess a cluster of courses together in one block, which may save you time and effort. Ask the [PLAR contact person](#) whether there are any block assessment options in this program.

C. Dates when PLAR assessment is available

PLAR assessment for this program is available from Sept 1 to June 15 in each academic year.

All PLAR assessments must be completed by June 15 of each academic year.

D. Special directions for this program

1. **Review** the [PLAR process and FAQs](#) and the information in this guide.
2. **Self-rate** your learning for each course using the [Course Outlines](#) in this guide.
3. **Consult** with the [PLAR contact person](#) for PLAR approval. Be prepared to provide your resume, course self-ratings (see [section F](#)), and a partially completed [PLAR application](#). If you are approved for PLAR, the contact person will sign your PLAR application and explain next steps.
4. **Register** for PLAR at [Registration/Enrolment Services](#) once you have signed approval on your [PLAR Application Form](#). The PLAR fee will be added to your student account.
5. **Finalize** an assessment plan with your assigned assessor.
6. **Complete** assessment before your PLAR registration expires.

E. PLAR contact person

Contact one of the Program Heads below to arrange a consultation **after** you have read this guide and [general PLAR information](#) and rated yourself for each course (see next section). Consultation may be by phone, online, or in person. Be prepared to provide your resume, course self-ratings, and a partially completed [PLAR application](#). If agreement is reached to go ahead with PLAR, the contact person will sign approval on your PLAR application and explain the next steps. Admission to the program is required before you can register for PLAR.

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F. Self-rating course outlines

Clicking on a course code below opens a page where you can rate yourself on the knowledge and skills assessed for PLAR credit. For Arts & Sciences courses, clicking on the course code opens another PLAR guide. The [PLAR contact person](#) for this program will refer you to another person to discuss PLAR for courses delivered by Arts & Sciences or another program/department.

COURSE CODE	COURSE NAME	Delivered by another department/program
Semester 1		
APHY 170	Advanced Human Anatomy and Physiology	Arts and Sciences
BIOL 102	Anatomy and Physiology 1	Arts and Sciences
BIOL 103	Anatomy and Physiology 2	Arts and Sciences
EMER 117	Introduction to Advanced Care Paramedic	
LEAD 100	Leadership and Professionalism	
PHAR 103	Pharmacology	
SOC1 171	Culture and Diversity in Canadian Society	Arts and Sciences
Semester 2		
EMER 118	Advanced Respiratory Care	
EMER 119	Advanced Airway Management	
EMER 121	Advanced Cardiac Care	
EMER 159	Patient Management and Integration 1	

COURSE CODE	COURSE NAME	Delivered by another department/program
EMER 175	Medical 1	
FTNS 162	Personal Wellness	
PATH 100	Pathophysiology 1	
Semester 3		
EMER 120	Reflective Practitioner Project	
PRAC 109	Clinical Practicum 1	
Semester 4		
EMER 201	Obstetrics and Neonatal Care	
EMER 202	Medical 2	
EMER 203	Medical 3	
EMER 204	Pediatric Care	
EMER 205	Advanced Trauma Care	
EMER 281	Patient Management and Integration 2	
PATH 200	Pathophysiology 2	
Semester 5		
PRAC 212	Field Practicum	
PRAC 213	Clinical Practicum 2	

APHY 170 - Advanced Human Anatomy and Physiology

In this course, you will advance your knowledge of the human body through an in-depth study of the nervous, cardiovascular, respiratory, urinary, musculoskeletal, and reproductive systems. Emphasis is placed on how body systems are interrelated to maintain homeostatic balance. You will be required to research how the physiological principles covered apply to real-world scenarios.

Credit unit(s): 2.0
Prerequisites: BIOL 102, BIOL 103
Corequisites: none
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Illustrate how anatomical structures and physiological processes work together in the nervous, cardiovascular, respiratory, and musculoskeletal systems.			
2. Perform guided dissections (simulated and authentic) to examine the anatomy of the nervous, cardiovascular, respiratory, and musculoskeletal systems.			
3. Examine the physiological changes associated with pregnancy, labour, and the postpartum period.			
4. Analyze the interrelationship of physiological processes in multiple body systems.			
5. Evaluate the physiological processes of a real-world medical scenario.			

BIOL 102 - Anatomy and Physiology 1

In the first of a two-course sequence, you will explore the human body focusing on the interaction between structure and function and the regulation of physiological functions involved in maintaining homeostasis. You will learn how the levels of organization of the body and the components of cells, tissues and organs impact form and function. You will examine the following body systems: integumentary, skeletal, muscular, nervous and special senses.

Credit unit(s): 3.0
Prerequisites: none
Corequisites: none
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Examine the main concepts and terminology of anatomy and physiology.			
2. Examine how basic concepts in chemistry and cell biology impact homeostasis.			
3. Describe the structures and functions of the four major tissue types.			
4. Describe the structures and functions of the integumentary system.			
5. Examine bone tissue, the structures and functions of the skeletal system and articulations.			
6. Describe skeletal muscle and the structures and functions of the skeletal muscle system.			
7. Describe the structures and functions of nervous tissue.			
8. Examine the structures and functions of the central nervous system.			
9. Examine the structures and functions of the peripheral nervous system.			
10. Describe the structures and functions of the general and special senses.			

BIOL 103 - Anatomy and Physiology 2

In the second of a two-course sequence, you will continue to explore the human body focusing on the interaction between structure and function and the regulation of physiological functions involved in maintaining homeostasis. You will examine how the levels of organization of the body and the components of cells, tissues and organs impact the form and function for the following body systems: endocrine, blood, cardiovascular, lymphatic, respiratory, digestive, urinary, fluid, electrolyte, and acid-base balance and reproductive.

Credit unit(s): 3.0
Prerequisites: BIOL 102
Corequisites: none
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Describe the structures and functions of the endocrine system.			
2. Examine the structures and functions of blood.			
3. Examine the structures and functions of the cardiovascular system.			
4. Examine the structures and functions of the lymphatic system and immunity.			
5. Examine the structures and functions of the respiratory system.			
6. Describe the structures and functions of the digestive system.			
7. Examine the structures and functions of the urinary system, and how they impact fluid, electrolyte, and acid-base balance.			
8. Describe the structures and functions of the reproductive system.			

EMER 117 - Introduction to Advanced Care Paramedic

You will refine primary care paramedic assessments, skills, and treatment plans as you prepare for advanced life support knowledge, skills, and abilities. You will also learn student success strategies.

Credit unit(s): 4.0
Prerequisites: none
Corequisites: none
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Explore student success strategies.			
2. Perform proper documentation.			
3. Interpret basic 3-Lead electrocardiogram (ECG) rhythms.			
4. Administer continuous positive airway pressure (CPAP).			
5. Perform urinary catheterization and routine care for indwelling urinary catheters.			
6. Provide care to patients with ostomy drainage systems.			
7. Perform medication administration techniques.			
8. Conduct physical assessment.			
9. Integrate patient assessment and management strategies within current scope of practice.			

LEAD 100 - Leadership and Professionalism

Your studies will focus on leadership and professionalism in paramedic practice. You will learn to function within provincial legislations, policies and procedures, including how to collaborate with law enforcement. You will study the importance of patient advocacy. You will participate in quality assurance, health promotion, injury prevention and public safety activities. You will also promote awareness of the paramedic profession and learn how to work within an incident management system (IMS).

Credit unit(s): 3.0
Prerequisites: none
Corequisites: EMER 117
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Discuss the role of leadership in paramedic practice leadership.			
2. Discuss professional ethics.			
3. Function as a patient advocate.			
4. Function within relevant legislation, policies, and procedures.			
5. Collaborate with law enforcement agencies in the management of crime scenes.			
6. Participate in quality assurance and enhancement programs.			
7. Participate in health promotion, injury prevention, and public safety activities.			
8. Promote awareness of emergency medical system profession and participate in a professional association.			
9. Apply principles of an incident management system (IMS).			

PHAR 103 - Pharmacology

You will study the principles of pharmacology, medication administration, and blood collection. Your studies will focus on Advanced Care Paramedic medication classifications. You will also participate in labs that will help you develop the skills necessary for responsible and safe medication administration.

Credit unit(s): 4.0
Prerequisites: EMER 117
Corequisites: none
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Apply principles of pharmacology to advanced care paramedic practice.			
2. Demonstrate safe and responsible medication administration.			
3. Explain medication classifications.			
4. Explain medications within the advanced care paramedic scope of practice.			
5. Perform intraosseous needle insertion and medication administration.			
6. Demonstrate external jugular cannulation.			
7. Demonstrate administration of medications via the endotracheal route.			
8. Demonstrate administration of medications via the topical route.			
9. Explain traditional indigenous healing and how it impacts paramedic practice.			
10. Demonstrate collection of blood samples for diagnostic purposes.			
11. Perform advanced fluid therapy.			
12. Perform central venous access.			

SOCI 171 - Culture and Diversity in Canadian Society

You will explore culture and diversity in Canada and the challenges they present. You will discuss the impacts of oppression, multiculturalism, immigration, social inequalities, and social justice at both personal and professional levels. You will discuss the historical and contemporary challenges of Indigenous peoples. You will also examine tools to foster social change and diversity competencies.

Credit unit(s): 3.0
Prerequisites: none
Corequisites: none
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Examine the concepts of diversity and identity in the context of Canadian society.			
2. Examine the concepts of oppression, inequality, and race.			
3. Examine the roles of multiculturalism, religion, and gender in Canadian society.			
4. Discuss the historical and contemporary challenges of Indigenous peoples.			
5. Examine immigration to Canada.			
6. Examine ways of practicing diversity competency on personal and professional levels.			

TCOM 102 - Workplace Communication

You will examine the employability skills required in the workplace. You will discuss the communication process, and practice effective interpersonal communication techniques and conflict resolution. You will use workplace writing and job search skills.

Credit unit(s): 3.0
Prerequisites: none
Corequisites: none
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Examine fundamentals of workplace communication.			
2. Discuss conflict resolution techniques.			
3. Apply job-related interpersonal and oral communication strategies.			
4. Apply workplace writing skills.			
5. Use job search skills.			

EMER 118 - Advanced Respiratory Care

You will provide care for adult patients with respiratory emergencies, based on analysis of respiratory assessment findings, including laboratory data.

Credit unit(s): 4.0
Prerequisites: BIOL 103, APHY 170, PHAR 103
Corequisites: PATH 100, EMER 119
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Interpret oximetry test findings.			
2. Interpret end-tidal carbon dioxide monitoring findings.			
3. Interpret respiratory specific laboratory data.			
4. Explain pulmonary artery monitoring.			
5. Interpret findings from respiratory system assessments.			
6. Provide care to patients experiencing signs and symptoms involving the respiratory system.			

EMER 119 - Advanced Airway Management

You will develop advanced airway skills including endotracheal intubation, surgical airways, foreign body removal, and tracheal suctioning. You will also perform emergency tracheostomy care and mechanical ventilation. Upon completion, you will receive certification in Difficult Airway Course.

Credit unit(s): 3.0
Prerequisites: BIOL 103, APHY 170, PHAR 103
Corequisites: EMER 118
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Perform techniques to maintain airway patency.			
2. Perform basic airway device insertion.			
3. Perform suction techniques.			
4. Perform airway foreign body (AFB) removal.			
5. Demonstrate the use of advanced airway devices.			
6. Perform oxygenation, ventilation, and airway control with the assistance of pharmacological agents.			
7. Perform airway control using surgical airway techniques.			
8. Perform mechanical ventilation.			
9. Perform emergency tracheostomy care.			

EMER 121 - Advanced Cardiac Care

You will study advanced cardiac diagnostics including 12-lead electrocardiogram (ECG) analysis and cardiac specific laboratory data. You will provide advanced cardiac life support (including electrical therapies) to patients based on information gathered from advanced assessments. Upon completion, you will receive certification in Advanced Cardiac Life Support (ACLS).

Credit unit(s): 4.0
Prerequisites: BIOL 103, APHY 170, PHAR 103,
Corequisites: PATH 100
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Analyze 12-lead electrocardiograms.			
2. Perform manual defibrillation.			
3. Perform synchronized cardioversion.			
4. Perform transcutaneous cardiac pacing.			
5. Explain advanced cardiac therapies.			
6. Interpret cardiac specific laboratory data.			
7. Interpret findings from cardiovascular assessments.			
8. Provide care to patients experiencing signs and symptoms involving the cardiovascular system.			

EMER 159 - Patient Management and Integration 1

You will demonstrate leadership and professionalism while providing care in the prehospital management of simulated patients. You will also integrate knowledge of the Saskatchewan paramedic scope of practice.

Credit unit(s): 4.0
Prerequisites: EMER 118, EMER 119, EMER 121, EMER 175, LEAD 100, PATH 100
Corequisites: none
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Integrate knowledge of the Saskatchewan paramedic scope of practice.			
2. Integrate professionalism and leadership into paramedic practice.			
3. Provide care for a medical patient.			
4. Provide care for a cardiovascular patient.			
5. Provide care for a respiratory patient.			

EMER 175 - Medical 1

Your studies will focus on adult patients presenting with common medical emergencies. You will provide advanced life support to patients with neurological, immune and endocrine system illness as well as those exposed to adverse environments.

Credit unit(s): 4.0
Prerequisites: APHY 170, BIOL 103, PHAR 103
Corequisites: PATH 100
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Interpret findings from neurological system assessments.			
2. Provide care to patients experiencing signs and symptoms involving the neurological system.			
3. Provide care to patients experiencing signs and symptoms involving the immune system.			
4. Provide care to patients experiencing signs and symptoms involving the endocrine system.			
5. Provide care to patients experiencing signs and symptoms due to adverse environment exposure.			

FTNS 162 - Personal Wellness

You will develop strategies to manage the physical and mental stresses of paramedic practice. You will learn methods to maintain good health in a collaborative, supportive environment and choose activities to optimize your own personal health and wellness. You will also exhibit physical strength and fitness consistent with the requirements of professional practice.

Credit unit(s): 3.0
Prerequisites: none
Corequisites: none
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Maintain balance in personal lifestyle.			
2. Develop principles of fitness training in a personal fitness plan.			
3. Develop and maintain an appropriate support system.			
4. Choose strategies to promote mental health.			
5. Exhibit physical strength and fitness consistent with the requirements of professional practice.			
6. Develop a personal nutrition plan.			

PATH 100 - Pathophysiology 1

You will be introduced to common diseases encountered in paramedic practice. You will study how the body is affected by disease as it defends against infection and adverse environments. You will explain how injury and illness affect the cardiovascular, nervous, respiratory, immune, endocrine, and integumentary systems.

Credit unit(s): 3.0
Prerequisites: APHY 170, BIOL 103, PHAR 103
Corequisites: none
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Explain the pathophysiology of infection.			
2. Explain the pathophysiology of integumentary diseases.			
3. Explain the pathophysiology of respiratory diseases.			
4. Explain the pathophysiology of fluid, electrolyte, acid-base imbalances, and hematological diseases.			
5. Explain the pathophysiology of cardiovascular diseases.			
6. Explain the pathophysiology of immunological diseases.			
7. Explain the pathophysiology of neurological diseases.			
8. Explain the pathophysiology of adverse environments on the human body.			
9. Explain the pathophysiology of endocrinological diseases.			

EMER 120 - Reflective Practitioner Project

Your studies will focus on self-reflection and research in paramedic practice. You will learn strategies to self-reflect and explore lifelong learning. You will also interpret medical literature and its relevance to paramedic practice.

Credit unit(s): 1.0
Prerequisites: TCOM 102
Corequisites: none
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Integrate self-reflection into paramedic practice.			
2. Report interpretations of medical literature.			
3. Explore lifelong learning.			

PRAC 109 - Clinical Practicum 1

You will participate in a clinical practicum placement at a Saskatchewan Health Authority (SHA) facility with a practicing registered nurse or physician. You will participate in a hospital orientation, review of relevant policies and procedures, and completion of and compliance with required legal documentation. You will provide care for patients in the emergency department, operating room, and cardiac care units of the hospital. You will demonstrate the various roles and responsibilities of the Advanced Care Paramedic as outlined within the National Occupational Competency Profiles (NOCP) for the Paramedic Practitioner of Canada.

Credit unit(s): 6.0
Prerequisites: EMER 159, FTNS 162, SOCI 171, TCOM 102
Corequisites: none
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Function as a professional.			
2. Participate effectively in a team environment.			
3. Demonstrate effective decision-making skills.			
4. Demonstrate effective oral communication skills.			
5. Demonstrate effective written communication skills.			
6. Demonstrate effective nonverbal communication skills.			
7. Demonstrate effective interpersonal relations.			
8. Obtain patient history.			
9. Conduct complete physical assessment using inspection, palpitation, percussion, and auscultation.			
10. Assess vital signs.			
11. Interpret diagnostic tests.			
12. Maintain patency of upper airway and trachea.			
13. Deliver oxygen and manual ventilation.			
14. Utilize ventilation equipment.			
15. Demonstrate ability to maintain hemodynamic stability.			
16. Perform administration of medications.			

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
17. Utilize differential diagnosis, decision-making, and psychomotor skills in providing care to patients.			

EMER 201 - Obstetrics and Neonatal Care

You will study pregnancy from conception to birth. You will learn to recognize complications and provide care for obstetrical emergencies. You will study neonatal illnesses and injuries as well as advanced treatment modalities. Upon completion, you will receive certification in Neonatal Resuscitation Procedures (NRP).

Credit unit(s): 3.0
Prerequisites: EMER 159,
Corequisites: PATH 200
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Interpret findings from obstetrical assessments.			
2. Provide care for obstetrical patients.			
3. Interpret findings from a neonatal assessment.			
4. Provide care for a neonatal patient.			

EMER 202 - Medical 2

Your studies will focus on adult patients presenting with common medical emergencies. You will perform assessments, including the interpretation of medical specific laboratory data. You will provide advanced life support to palliative and psychiatric patients, and those experiencing illness due to a toxicological syndrome. You will also provide care to patients that have non-urgent medical complaint and patients that experience conditions that impact physical and cognitive ability. Upon completion, you will receive certification in Learning Essential Approaches to Palliative Care (LEAP) Paramedic.

Credit unit(s): 4.0
Prerequisites: EMER 159,
Corequisites: PATH 200
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Interpret medical specific laboratory data.			
2. Provide care to patients experiencing toxicological syndromes.			
3. Interpret findings from psychiatric assessments.			
4. Provide care to patients exhibiting signs and symptoms of psychiatric conditions.			
5. Provide care for a palliative patient.			
6. Provide care for patients with conditions impacting physical ability.			
7. Provide care for patients with conditions impacting cognition and mental ability.			
8. Provide care for a patient experiencing a non-urgent medical complaint.			

EMER 203 - Medical 3

Your studies will focus on adult patients presenting with common medical emergencies. You will develop the advanced skills to manage drainage systems and perform urinalysis. You will provide advanced life support to patients with gastrointestinal, genitourinary conditions and those experiencing illness or injury to the eyes, ears, nose, and throat. You will also provide care to geriatric patients. Upon completion, you will receive certification in Gentle Persuasive Approach (GPA).

Credit unit(s): 3.0
Prerequisites: EMER 159
Corequisites: PATH 200
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Interpret findings from gastrointestinal system assessments.			
2. Manage patients requiring drainage systems.			
3. Provide care to patients experiencing signs and symptoms involving gastrointestinal system.			
4. Interpret findings from genitourinary and reproductive systems assessments.			
5. Perform urinalysis by macroscopic method.			
6. Provide care to patients experiencing signs and symptoms involving genitourinary and reproductive systems.			
7. Interpret findings from ears, eyes, nose, and throat assessments.			
8. Provide care to patients experiencing signs and symptoms involving the eyes, ears, nose, and throat.			
9. Provide care for geriatric patients.			

EMER 204 - Pediatric Care

You will study pediatric illnesses and injuries as well as advanced treatment modalities. You will become certified in Pediatric Advanced Life Support (PALS) and Pediatric Trauma Life Support (PITLS).

Credit unit(s): 4.0
Prerequisites: EMER 159
Corequisites: none
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Define the pediatric patient.			
2. Describe the pathophysiology of childhood disorders.			
3. Interpret assessment findings of the pediatric patient.			
4. Provide care for a pediatric patient.			

EMER 205 - Advanced Trauma Care

You will develop advanced trauma assessment skills and apply advanced life support treatments in trauma emergencies. You will also study common diagnostic testing as it pertains to the trauma patient. Upon completion, you will receive certification in International Trauma Life Support (ITLS)-Advanced.

Credit unit(s): 3.0
Prerequisites: EMER 159
Corequisites: PATH 200
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Explain diagnostic testing.			
2. Provide care for patients with injury involving the neurologic system.			
3. Provide care for patients with injury involving the cardiovascular system.			
4. Perform needle decompression.			
5. Perform chest tube monitoring.			
6. Provide care for patients with injury involving the respiratory system.			
7. Provide care for patients with abdominal injuries.			
8. Provide care for patients with injury involving the musculoskeletal system.			
9. Discuss fracture and dislocation reduction.			
10. Provide care for patients with injury involving the integumentary system.			
11. Provide advanced life support for the shock patient.			
12. Perform advanced life support for trauma patients.			

EMER 281 - Patient Management and Integration 2

You will demonstrate leadership and professionalism while integrating theory and skills in the prehospital management of simulated patients. You will prepare a plan for continuing professional development. You will also integrate knowledge of Saskatchewan paramedic scope of practice. You will demonstrate physical strength and fitness consistent with requirements of paramedic practice.

Credit unit(s): 4.0
Prerequisites: EMER 201, EMER 202, EMER 203, EMR 204, EMER 205 PATH 200
Corequisites: none
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Integrate knowledge of Saskatchewan Paramedic scope of practice.			
2. Integrate professionalism and leadership into paramedic practice.			
3. Integrate care for a medical patient.			
4. Integrate care for a cardiovascular patient.			
5. Integrate care for a respiratory patient.			
6. Integrate care for a trauma patient.			
7. Integrate physical strength and fitness consistent with requirements of paramedic practice.			
8. Develop a personal plan for continuing professional development.			

PATH 200 - Pathophysiology 2

Based on how the body responds to disease, you will study injury and illness involving the gastrointestinal, genitourinary, reproductive, musculoskeletal and special senses body systems. You will study how cancer, poisons, medications, injury and trauma (including shock) affect the human body.

Credit unit(s): 3.0
Prerequisites: EMER 159
Corequisites: none
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Explain the pathophysiology of psychiatric diseases.			
2. Explain the pathophysiology of cancer.			
3. Explain the pathophysiology of gastrointestinal diseases.			
4. Explain the pathophysiology of genitourinary diseases.			
5. Explain the pathophysiology of toxins on the human body.			
6. Explain the pathophysiology of diseases of the eyes, ears, nose, and throat.			
7. Explain the pathophysiology of injuries and trauma on the human body.			
8. Explain the pathophysiology of musculoskeletal injuries and diseases.			
9. Explain the pathophysiology of shock.			

PRAC 212 - Field Practicum

You will participate in a field practicum placement at a Saskatchewan Emergency Medical Services (EMS) organization with a practicing Advanced Care Paramedic preceptor. You will work with less direction and intervention from preceptors as you progress towards independent paramedic practice. This placement includes participation in EMS orientations, review of relevant policies and procedures, and completion of and compliance with required legal documentation. You will demonstrate and meet the physical requirements of the profession. You will demonstrate the various roles and responsibilities of the advanced care paramedic as outlined within the National Occupational Competency Profiles (NOCP) for the Paramedic Practitioner of Canada.

Credit unit(s): 34.0
Prerequisites: EMER 281, PRAC 109, EMER 120
Corequisites: none
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Function as a professional.			
2. Integrate knowledge of medicolegal and ethical aspects into paramedic practice.			
3. Comply with relevant provincial and federal legislation.			
4. Function effectively in a team environment.			
5. Make decisions effectively.			
6. Practice effective oral communication.			
7. Practice effective written communication.			
8. Practice effective non-verbal communication.			
9. Practice effective interpersonal relations.			
10. Maintain good physical and mental health.			
11. Practice safe lifting and moving techniques.			
12. Establish a safe working environment.			
13. Obtain patient history.			
14. Conduct complete physical assessment using inspection, palpitation, percussion, and auscultation.			
15. Assess vital signs.			

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
16. Interpret diagnostic tests.			
17. Prepare oxygen delivery devices.			
18. Implement measures to maintain hemodynamic stability.			
19. Manage adult patient with illness or disorders of the integumentary system.			
20. Provide basic care for soft tissue injuries.			
21. Immobilize actual and suspected fractures.			
22. Administer medications.			
23. Utilize differential skills, decision-making skills, and psychomotor skills in providing care to patients.			
24. Provide care to meet the needs of unique patient groups.			
25. Provide care based on ongoing assessment findings.			
26. Prepare ambulance for service.			
27. Integrate professional practice into community care.			
28. Contribute to public safety through collaboration with other emergency response agencies.			

PRAC 213 - Clinical Practicum 2

You will participate in a clinical practicum placement at a Saskatchewan Health Authority (SHA) facility with an assigned practicing registered nurse or physician. You will participate in a hospital orientation, review of relevant policies and procedures, and completion of and compliance with required legal documentation. You will provide care for patients in the emergency department, operating room, labour and birth, pediatrics, and palliative care. You will demonstrate the various roles and responsibilities of the Advanced Care Paramedic as outlined within the National Occupational Competency Profiles (NOCP) for the Paramedic Practitioner of Canada.

Credit unit(s): 9.0
Prerequisites: EMER 281, PRAC 109, EMER 120
Corequisites: none
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Function as a professional.			
2. Function effectively in a team environment.			
3. Make decisions effectively.			
4. Practice effective oral communication skills.			
5. Practice effective written communication skills.			
6. Practice effective non-verbal communication skills.			
7. Practice effective interpersonal relations.			
8. Obtain patient history.			
9. Conduct complete physical assessment using inspection, palpitation, percussion, and auscultation.			
10. Assess vital signs.			
11. Interpret diagnostic tests.			
12. Manage patency of upper airway and trachea.			
13. Deliver oxygen and administer manual ventilations.			
14. Manage ventilation equipment.			
15. Implement measures to maintain hemodynamic stability.			
16. Administer medications.			

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
17. Utilize differential diagnosis skills, and psychomotor skills in providing care to patients.			
18. Provide care to meet the needs of unique patient groups.			