

## **Justice Institute of British Columbia COURSE OUTLINE**

<b>Course Code:</b>	<b>PARA290</b>
<b>Course Title:</b>	<b>Clinical Applications</b>
<b>Prerequisite Courses:</b>	<b>PARA260 Complex Cases</b>
<b>School:</b>	<b>School of Health, Community and Social Justice</b>
<b>Division/Academy/Centre:</b>	<b>Health Science Division – Paramedic Academy</b>
<b>Previous Course Code &amp; Title:</b>	<b>CLA290 Clinical Applications</b>
<b>Course First Offered:</b>	<b>August 2013</b>

<b># of Credits:</b>	<b>12.5</b>
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### **Course Description:**

In Clinical Applications 290, under the supervision of skilled clinicians and preceptors, learners will put into practice the skills, knowledge and judgment acquired during all previous courses in the Primary Care Paramedic (PCP) program. By caring for real patients in hospital, care facility and ambulance settings, learners will integrate their professional, paramedical, interprofessional and interoperability skills, as well as their knowledge and judgment toward the goal of developing best practice in paramedical patient care at the PCP level.

**Course Goal(s):** The goal of the course is to provide learners with exposure to common injuries and conditions, and to enable them to practice skills and procedures on actual patients in a controlled clinical setting under medical supervision. Learners will then be to apply these skills in the ambulance environment under the guidance of an experienced paramedic preceptor.

### **Learning Outcomes:**

Upon successful completion of this course, the learner will be able to:

1. The use of core PCP skills and procedures in a clinical setting.
2. The assessment and management of common injuries and conditions in a clinical setting.
3. The use of core PCP skills and procedures in the ambulance setting.
4. The use of PCP procedures, treatments and protocols in the ambulance setting.
5. The integrated use of an organized and prioritized patient assessment and the knowledge of anatomy, physiology, pathophysiology and pharmacology to identify the causes and range of differentials, to perform a focused patient assessment, infer a provisional diagnosis, and develop and implement an appropriate management plan using PCP treatments and protocols.
6. The assessment and management of common injuries and conditions in the ambulance setting.
7. The integrated use of the principles of call management.
8. The integration of the professional behaviors, skills, judgement, and knowledge required in interprofessional and interoperable practice in the clinical and ambulance environments.

**Course Topics/Content:**

- Professionalism
- Clinical Applications: Hospital and Care Facility
- Clinical Applications: Ambulance

**Text and Resource Materials:**

**Required:**

1. Paramedic Academy, Clinical Applications: Clinical & Ambulance Logbooks. (Revised 2013). Supplied by the Paramedic Academy as part of the course tuition.
2. Paramedic Academy, Training, Treatment and Protocol Manual. (Revised 2013). Provided online with the cost of tuition. A paper-based version is available for purchase.

**Recommended:**

**Course Level:**

	First Year	X	Second Year		Third Year		Fourth Year
	Graduate		Other (describe):				

**Equivalent Course(s) within the JIBC:**

None.

**Class Delivery Methods:**

<b>Delivery Methods</b>	Class Option A (Hours)	Class Option B (Hours)	Class Option C (Hours)	Class Option D (Hours)
Classroom/Lecture/Discussion	3			
Simulation/Lab	4			
Praxis Exercise	200			
Practicum/Fieldwork				
Online				
Correspondence				
<b>Total Class Hours</b>	207			

**Comments on Delivery Methods:**

This course is comprised 3 components: PARA290A, PARA290B, and PARA290C.

PARA290A: This component is situated in the PCP Program after PARA220 Fundamentals of Paramedical Care 1, and is comprised of 1 Clinical Shift (Hospital) and 2 Ambulance Shifts

PARA290B: This component is situated in the PCP Program after PARA251 Classic Medical Cases 2, and is comprised of 2 Clinical Shifts in a hospital or care facility, or a combination of both.

PARA290C: This component is situated in the PCP Program after PARA260 Complex Cases, and is comprised of 1 Clinical Shift (Hospital) and a minimum of 12 Ambulance Shifts. PARA290 (A, B and C combined) is comprised of a minimum of:

- 32 hours in a hospital/care facility environment
- 168 hours in an ambulance environment
- 7 hours in the classroom

**Course Grading System:**

	Letter Grades	X	Percentage		Pass/Fail
	Complete/Incomplete		Attendance Only		

<b>Passing Grade:</b>	75%
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**Evaluation Activities and Weighting:**

Final Exam	%	Assignments	70 %	Project	%	Capstone Project	%
Midterm Exam	%	Portfolio	%	Participation	30 %	Other	%
Quizzes/Test	%	Simulations	%	Practicum	P/F %	TOTAL	100%

**Comments on Evaluation Activities and Weighting:**

In addition to the overall passing grade, in order to pass the course students must:

- In addition to the Evaluation Activities, students are required to competently perform, document, and submit to an electronic tracking system all related mandatory skills (C or Clinical and P or Ambulance competencies) set out by the Paramedic Association of Canada (PAC) and accredited by the Canadian Medical Association (CMA); and,
- Achieve an “A” level of competency (“Completes objective competently”) in all 6 categories of the Clinical Applications Dimensions by the final shifts of the ambulance and clinical components.

Late assignments will not be accepted for marking without prior permission of the Regional Training Coordinator. Students may only complete missed assignments, quizzes, projects or exams at the discretion of the Regional Training Coordinator.

**Other Course Guidelines, Procedures and Comments:**

Students must maintain a 90% overall attendance, and must be available for Clinical and Ambulance Shifts for the duration of all three components of the Clinical Applications course.

PCP program procedures can be found in the *JIBC Calendar* and on the JIBC website under the PCP program:

**PCP Program Procedures**

<http://jibc.ca/programs-courses/schools-departments/school-health-sciences/paramedic-academy/programs/primary-care-paramedic>

These documents are located in the “Policy and Procedures” drop down menu located at the bottom of the above noted page.

- Program Evaluation Policy
- Program Grading Policy
- Program Academic Progression Policy

View official versions of related JIBC academic regulations and student policies in the *JIBC Calendar* on the following pages of the JIBC website:

**Academic Regulations:**

<http://www.jibc.ca/programs-courses/jibc-calendar/academic-regulations>

Student Academic Integrity Policy  
Academic Progression Policy  
Admissions Policy  
Academic Appeals Policy  
Evaluation Policy  
Grading Policy

**Student Policies:**

<http://www.jibc.ca/programs-courses/jibc-calendar/student-policies>

Access Policy  
Harassment Policy – Students  
Student Records Policy  
Student Code of Conduct Policy

## **JIBC Core Competencies**

The JIBC promotes the development of core and specialized competencies in its programs. Graduates of our programs will demonstrate high levels of competence in the following areas:

### **Critical thinking**

Identify and examine issues and ideas; analyze and evaluate options in a variety of fields with differing assumptions, contents and methods.

### **Communication, oral and written**

Demonstrate effective communication skills by selecting the appropriate style, language and form of communication suitable for different audiences and mediums.

### **Leadership**

Inspire individuals and teams to reach their potential by embracing innovation through strategic thinking and shared responsibility.

### **Independent learning**

Show initiative by acting independently in choosing effective, efficient and appropriate applied learning, research and problem solving strategies.

### **Problem solving**

State problems clearly; effectively and efficiently evaluate alternative solutions; choose solutions that maximize positive and minimize negative outcomes.

### **Interpersonal relations**

Know and manage oneself; recognize and acknowledge the needs and emotions of others including those with diverse backgrounds and capabilities.

### **Inter-professional teamwork**

Understand and work productively within and between groups, respect others' perspectives and provide constructive feedback with special attention to inter-professional relationships.

### **Information literacy**

Recognize and analyze the extent and nature of an information need; efficiently locate and retrieve information; evaluate it and its sources critically, and use information effectively and ethically.