

Justice Institute of British Columbia
COURSE OUTLINE

Course Code:	PARA452
Course Title:	Complex Advanced Care Paramedic Cases
Prerequisite Courses:	PARA451
School:	School of Health, Community and Social Justice
Division/Academy/Centre:	Health Sciences Division – Paramedic Academy
Previous Course Code & Title:	ACP Complex Cases 332
Course First Offered:	September 2014

# of Credits:	9
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Course Description:

In this course, learners will develop the skills, knowledge and judgment required to assess and manage patients involving complex presentations of cardiac, respiratory, medical (including neonatal resuscitation), syncope and traumatic injuries and conditions at the advanced care paramedic level. In addition, this course introduces learners to Aeromedicine, multiple casualty incidents and emergency preparedness management. The course will provide learners with the opportunity to integrate concepts from previous courses and draw on their developing clinical assessment, clinical reasoning, problem-solving and call management abilities.

Course Goal(s):

The goal of this course is to strengthen learners' clinical assessment, clinical reasoning, problem-solving and call management abilities to best manage patients with complex presentations. The course also prepares learners for the final practice education placement.

Learning Outcomes:

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

1. Assess classic medical, environmental, toxicological, mental health, and lifespan cases.
2. Apply ACP technical skills in the areas of monitors and defibrillators, ECG interpretation, heart and breath sounds, and drug administration.
3. Provide care for maternity and pediatric cases.

Course Topics/Content:

- Complex Cardiorespiratory Cases.
- Complex Cardiac Cases.
- Complex Syncope Cases.
- Complex Medical Cases.
- Complex Trauma Cases.
- Case Presentations
- NRP Pediatric Guidelines.
- Multiple Casualty Cases.
- Aeromedicine.
- Pharmacology.

Text and Resource Materials:

Required:

American Academy of Pediatrics and American Heart Association. (2011). *Textbook of Neonatal Resuscitation, 6th ed.* Ottawa, ON: Canadian Pediatric Association.

Caroline, N.L. (2008). *Nancy Caroline's Emergency Care in the Streets. (6th ed.)*. Sudbury, MA: Jones and Bartlett.

Limmer, D. et al. (2010). *Emergency Medical Responder: A Skills Approach (3rd ed)*. Pearson Canada Inc.: Toronto. - Safety and Special Rescue Content

Health Sciences Division. (2011). *ACP Treatment Guidelines*. New Westminister, BC: JIBC.

Holleran, R. S. (2003). *Air and surface patient transport: principles and practice*. Portland, OR: Mosby, Inc.

Paramedic Academy. (2002). *Anatomy of an Air Evacuation Call*. New Westminister, BC: JIBC.

Katzung, B.G., Masters, S.B., & Trevor, A.J. (2010). *Basic and Clinical Pharmacology (11th ed.)*. New York, NY: The McGraw-Hill Companies Inc. *

Other material accessed through the Blackboard LMS.

*Available through STAT!Ref.

Recommended: None

Course Level:

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

Equivalent Course(s) within the JIBC: None.

Class Delivery Methods:

Delivery Methods	Class Option A (Hours)	Class Option B (Hours)	Class Option C (Hours)	Class Option D (Hours)
Classroom/Lecture/Discussion	32			
Simulation/Lab	112			
Praxis Exercise				
Practicum/Fieldwork				
Online	24			
Correspondence				
Total Class Hours	168			

Comments on Delivery Methods:

This course is delivered in a blended format including online, classroom and a practical lab session. The hours listed in the class delivery methods above do not include time learners will spend carrying out independent study and activities, readings and assignments.

Course Grading System:

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

Passing Grade:	75%
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Note that the passing grade for ACP Advanced Diploma courses PARA313, PARA314, PARA413 is 50%. All other program courses have a passing grade of 75% or Pass/Fail. Please see the ACP Advanced Diploma program guidelines for more information.

Evaluation Activities and Weighting:

Final Exam	45%	Assignments	30%	Project	%	Capstone Project	%
Midterm Exam	%	Portfolio	%	Participation	20%	Other	%
Quizzes/Test	25%	Simulations	%	Practicum	%	TOTAL	100%

Comments on Evaluation Activities and Weighting:

Evaluation methods include individual and group assignments, research projects, essays, presentations, quizzes, a written exam, practical evaluation formats and case-based presentations. Students must complete Simulations and submit documentation. No mark is assigned for Simulations but learners must complete all simulations according to the Paramedic Association of Canada (PAC) guidelines in order to pass the course.

Evaluation Activities include requirements to competently perform ACP level Paramedic Association of Canada competencies and submit documentation via an electronic tracking system.

In addition to the overall passing grade, students must achieve a grade of 75% or higher on the Final Exams in order to pass the course.

Retests:

Students who receive a grade below 75% on an exam may be provided with the opportunity to complete one retest per failed exam. If a student does not achieve a grade of 75% or higher on a retest they may be required to withdraw from the program. See the Academic Progression Program Procedures (links noted below) for more information.

Students are required to submit assignments/course requirements according to due dates. Late assignments have mark penalties (see program guidelines). In extenuating circumstances, an extension to the assignment due date may be granted upon application to the Program Manager.

Other Course Guidelines, Procedures and Comments:

Students must maintain a 90% overall attendance, and must be present for all examinations as well as specified learning activities, such as field trips or specialty days. More information in the Academic Progression Program Procedures.

Other Course Guidelines, Procedures and Comments:

ACP Advanced Diploma program guidelines can be found in the *JIBC Calendar* and on the ACP Advanced Diploma program website. Use the link and scroll to the page bottom for "Policy and Procedures."

ACP Advanced Diploma Program Guidelines

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

- Academic Progression Program Procedures.
- Evaluation of Learning Program Procedures.
- Grading Program Procedures.

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/about-jibc/governance/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.

Globally-Minded

Self-aware of own identity and culture, recognize the interconnectedness of world events and issues; interact respectfully and authentically across cultures; value multiple perspectives; utilize curiosity to learn with and from others.

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 ourselves; recognize and acknowledge the needs and emotions of others including those with diverse cultures, 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.