Justice
Institute
BRITISH COLUMBIA

OFFICIAL COURSE OUTLINE

Course Code:	PARA-3452A
Short Title:	Complex ACP Cases
Long Title:	Complex Advanced Care Paramedic Cases
Prerequisites:	PARA-3451 or PARA-3451A
Co-requisites:	
School:	School of Health, Community and Social Justice
Division/Academy/Centre:	Health Sciences Division – Paramedic Academy
Previous Code & Title:	PARA452, PARA-3452
Course First Offered:	September 2017

Credits:	8

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 Goals

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 Arrest Cases.
- Complex Syncope Cases.
- Complex Medical Cases.

- Complex Trauma Cases.
- Case Presentations
- NRP Pediatric Guidelines.
- Multiple Casualty Cases.
- Aeromedicine.
- Pharmacology.

Text & Resource Materials

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

Caroline, N.L. (2015). *Nancy Caroline's Emergency Care in the Streets. (7th 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. *ACP Treatment Guidelines.* New Westminster, BC: JIBC.

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

Paramedic Academy. (2002). *Anatomy of an Air Evacuation Call.* New Westminster, 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.

Equivalent JIBC Courses

Instructional Method(s) (select all that apply)	Hours
☒Direct Instruction (lecture, seminar, role plays, independent study, etc.)	56
☒Supervised Practice (includes simulations & labs)	112
☐Practice Education, Field Placement, Internship or Co-op	
Total	168

Course Evaluation

Criterion	% of Final Grade (may be represented as a range)
Course work (activities, assignments, essays, reports, etc.)	50
Quizzes and exams	50
Simulations/Labs	
Attendance/Participation (in class or online)	
Practice Education/Internships	
Total	**100%**

Comments on Evaluation

Written work for this course will be submitted via Blackboard SafeAssign, a third party service licensed for use by JIBC. Blackboard SafeAssign is used for originality checking to help detect plagiarism. Students are not required to create an account with Blackboard SafeAssign, but their work may be submitted to SafeAssign, under the terms of the Blackboard SafeAssign terms of use agreement (http://wiki.safeassign.com/display/SAFE/Terms+of+Use). This agreement includes the retention of your submitted work as part of the Blackboard SafeAssign database. Any student with a concern about using the Blackboard SafeAssign service must notify the instructor at least two weeks in advance of any submission deadline.

Course Grading Scheme*

☒**JIBC1 (A to F)**   ☐**JIBC2 (MAS/NMA)**   ☐**JIBC3(CM/IN)**   ☐**JIBC4 (P/F)**

(* http://www.jibc.ca/policy/3304 Grading policy)

Other Course Guidelines, Procedures and Comments

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.

OFFICIAL COURSE OUTLINE

Course Code:	PARA-3492A
Short Title:	ACP Clinical PE III
Long Title:	ACP Clinical Practice Education III
Prerequisites:	PARA-3491 or PARA-3491A
Co-requisites:	PARA-3452 or PARA-3452A
School:	School of Health, Community and Social Justice
Division/Academy/Centre:	Health Sciences Division – Paramedic Academy
Previous Code & Title:	PARA492, PARA-3492
Course First Offered:	September 2017

Credits:	10

Course Description

In this course includes the final clinical (hospital) placement and the learner's ambulance final preceptorship. Learners will demonstrate self-directed and reflective practice skills and habits as they adapt to practice in the field setting. The practicum will allow learners to explore their limits and challenge themselves as they move into an operational role. Learners will reflect on their own experiences regarding their leadership role and practice over the course of the program. This summative course includes a capstone project that explores the learner's journey from technician to clinician and sets the stage for continuing professional development.

Course Goals

The goal of this course is encourage learners to become reflective practitioners, effectively integrating the knowledge and experiences obtained from the ACP program to inform their practice as a clinician in emergency health care.

Learning Outcomes

Upon successful completion of this course, the learner will be able to:
1. Integrate self-reflection with the knowledge and experiences obtained from the ACP program.
2. Practice clinical leadership.
3. Demonstrate the skills required for patient assessment, patient histories, differential diagnosis, development of treatment plans, administration of medications, and communication with complicated conditions and injuries.
4. Function as an ACP attendant and manage complicated cardiovascular and respiratory problems.

Course Topics/Content

- Clinical Leadership and Inter-professional Practice.
- Hospital Practicum.
- Ambulance Practicum.

Text & Resource Materials

Great Big Solutions – *CompTracker*

Health Sciences Division. *ACP Treatment Guidelines.* New Westminster, BC: JIBC.

Other material accessed through the Blackboard LMS.

Equivalent JIBC Courses

Instructional Method(s) *(select all that apply)*	Hours
☒Direct Instruction (lecture, seminar, role plays, independent study, etc.)	28
☐Supervised Practice (includes simulations & labs)	
☒Practice Education, Field Placement, Internship or Co-op	360
Total	388

Course Evaluation

Criterion	% of Final Grade (may be represented as a range)
Course work (activities, assignments, essays, reports, etc.)	P/F
Quizzes and exams	
Simulations/Labs	
Attendance/Participation (in class or online)	
Practice Education/Internships	P/F
Total	**100%**

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ACP: Note: Effective July 1, 2019 the PERT + Form on Comptracker will be replaced by the **Global Rating Scale (GRS) for the Assessment of Paramedic Clinical Competence**. The GRS will be used by all ACP

Students and Preceptors and the ACP Program will use the results entered on this form to determine if the student has successfully passed each of the Term's Ambulance Practice Education Requirements.

Course Grading Scheme*

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