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## **Course Outline**

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### **Practical Course**

#### **Course Description**

The PCP Practical course consists of seven comprehensive lessons. Each lesson focuses on the skills of Basic Life Support (BLS) practitioners and is aligned with the National and Provincial Competency Profiles. A "Skills Reference Manual" will be utilized to outline the expected method of performing skills from the Competency Profile.

#### **Course Outcomes**

In this course, the students will demonstrate their ability to apply the specific competencies outlined in the Competency Workbook List on simulated patients. The student progression is measured through Skill Qualification Exams (SQ exams) given on dates found in the program schedule. The following list represents competencies students must be prepared to demonstrate during the PCP Practical course.

During this course, the student will conduct a physical assessment on a simulated patient demonstrating appropriate use of inspection, palpation, percussion, and auscultation while:

1. Conducting cardiovascular system assessments and interpret findings.
2. Conducting neurological system assessments and interpret findings.
3. Conducting respiratory system assessments and interpret findings.
4. Conducting GI system assessments and interpret findings.
5. Conducting GU system assessments and interpret findings.
6. Conducting integumentary system assessments and interpret findings.
7. Conducting a scene assessment and interpret findings.
8. Conducting rapid patient survey and interpret findings.
9. Conducting a detailed patient survey and interpret findings.
10. Conducting an ongoing patient survey and interpret findings.
11. Conducting musculoskeletal assessments and interpret findings.
12. Conducting psychiatric assessments and interpret findings.
13. Practicing safe biomechanics and mental health.

## **Course Evaluation**

The student will demonstrate their personal abilities to apply PCP level skills through the completion of the following assignments. The course evaluation includes three integrated Skill Qualification exams.

CPR and WHMIS certification	Pass/Fail
Medical Skills Qualification Exam (SQ)	40%
Final Medical Skills Qualification Exam (SQ)	20%
Final Trauma Skills Qualification Exam (SQ)	20%
Oral Exam	20%

1. Ambulance Inventory – During the didactic segment of the Keyano College PCP program the student will visit the local ambulance service to become familiar with one of the recognized “soft-duties” of being a PCP. This soft duty includes specific activities as performing equipment inventory and vehicle checks.
2. Medical Skills Qualification Exam – The student receives a simulated medical scenario. During the exam, the student is to assess, and treat the illness while following the exam template provided (see orientation and Assignment package). The student must remember to verbalize all actions to ensure the examiner is aware of the “thinking” that is occurring. The student will receive feedback from the instructor immediately after the exam.
3. Final Skills Medical and Trauma Qualification Exams – These exams will follow the same process as the Medical SQ exam except that instructor feedback is given once all students have completed the exam process.
4. Oral Exam – This exam is essentially set up the same way as the SQ exams, except there is no equipment application. In front of a panel of instructors, the student will gather a history from a simulated patient and then communicate the findings through a verbal report, patch report and a PCR.

**Course Resources**

Bledsoe, B. Porter, R. Cherry, R. Clayden, D., (2006) *Essentials of Paramedic Care, volume 1* (Canadian Edition). Prentice Hall: Toronto.

Bledsoe, B. Porter, R. Cherry, R. Clayden, D., (2006) *Essentials of Paramedic Care, volume 2* (Canadian Edition). Prentice Hall: Toronto.

Campbell, J. E., (2016) *International Trauma Life Support for Paramedics and Other Advanced Providers* (8<sup>th</sup> Ed.). Prentice Hall: New Jersey.

Huckaby, L. (no date) *EMT: Injury Free*. Ferno: USA.

Martini, F.H. & Bartholemew, E.F. (2017) *Essentials of Anatomy and Physiology* (7th Edition). Prentice Hall: San Francisco.

Walraven, Gail. (2006) *Basic Arrhythmias*, (6<sup>th</sup> Edition). Prentice Hall: New Jersey.

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## **International Trauma Life Support (ITLS)**

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### **NOCP**

1.1, 1.6, 2.1, 2.2, 2.4, 3.1, 3.2, 3.3, 4.2, 4.3, 4.4, 4.5, 5.1, 5.3, 5.4, 5.5, 5.6, 5.7, 6.1

### **Course Description**

This course consists of a value-added-course currently recognized as Standards within the prehospital industry. The short two day course taught within this course includes *International Trauma Life Support*. Keyano College will “broker” this course from recognized agencies to assist the students with obtaining the certification before graduation.

### **Course Outcome**

The prehospital care industry is a changing industry. In the earlier years of the profession, educational institutes designed short Professional Development courses to assist working practitioners with staying current with their theory and skills. Over the years, the prehospital professional adopted many short valued-added courses as an acceptable standard and what was once considered Professional Development, became an entry-level expectation. Keyano College recognizes the importance of maintaining entry-level standards. This course will give the students the opportunity to obtain the “recognized” course before graduation.

Upon the completion of the *International Trauma Life Support* course, you will come to understand the importance of this value-added course as “a professional development activity.” Students will learn how to relate the base knowledge and skills gained from other College courses to this value-added course.

### **Evaluation**

1. Multiple choice exam - 76% minimum
2. Successfully complete the ITLS trauma scenario

### **Course Text**

Campbell, J.E., (2016) *International Trauma Life Support for Prehospital Care Providers* (8<sup>th</sup> Ed.). Prentice Hall: New Jersey.