

BANCROFT CAMPUS PARAMEDIC DIPLOMA PROGRAM



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LOYALIST COLLEGE BANCROFT CAMPUS
PARAMEDIC DIPLOMA PROGRAM

The Bancroft Campus of Loyalist College is pleased to offer the **Paramedic Diploma Program**. Successful completion of this program entitles students to write the provincial (A-EMCA) Advanced Emergency Medical Care Attendant exam provided by the Ministry of Health.

Delivery and Content:

The program is offered under the School of Continuing Education on a part-time basis. Applications are made through **OCAS** (Ontario College Application Services) using program code **PMED**. Students who start in August of one year will graduate in June two years later. The A-EMCA (*Advanced Emergency Medical Care Attendant*) exam is offered by the **Ministry of Health** mid June. All classes are held at the Bancroft Campus Friday evenings, Saturdays & or Sundays (2 to 6 days per month). Schedules are made in advance by semester.

The program commences in August. The clinical portion of the program in each year is held at Peterborough Civic Hospital and Ajax Picking Hospital. The Ambulance Field Experience component will be completed at the site of the service that has been arranged by the Ride Out Coordinator. Each student will be required to wear a Loyalist College identification, and epaulette or shoulder patch during Hospital Clinical (Peterborough only) and Ambulance Field Experiences. A student helmet, approved by the Ministry of Health, is also required for the Ambulance Field Experience. These items will be distributed to students prior to the start date of Ambulance Field Experience .

The College Faculty reserves the right to scheduling as required. Scheduling changes may be required throughout the program at the Co-ordinator's discretion.

Admission Requirements:

1. **Ontario Secondary School Diploma** (minimum of 30 credits) or an Ontario School Graduation Diploma (minimum of 27 credits) at a general or advanced level or equivalent. Grade 11 or 12 biology is required. Equivalency exam can be completed in Bancroft or by your local Community College. Canadian Adult Achievement Test Level "D" (CAAT) is accepted. Please provide transcripts.
2. A copy of **current and valid CPR Level 'C', obtained in the last twelve months, and First Aid** certification.
3. A **clear criminal record check** at the time of application including a Vulnerable Sector Screening.
4. A **detailed Resume** of practical experience, if applicable. IE: applied experience and associated qualifications.
5. Students enrolled in our program must be inoculated with **Hepatitis B, Tetanus, Polio & Diphtheria**, vaccinations must also be current (within the last 10 years). Also proof of immunization against flu & have had chicken pox / immunization against the same.
6. Applicants will be required to complete and receive a fair rating on a **Canadian Physical Activity, Fitness and Leisure Assessment (CPAFLA)** test.
7. Applicants will be required to submit a valid Class "G" Driver's License .
8. Recent Clear Driver's Abstract at the time of the application.

NOTE:

Before taking this program, you should be aware that under the provisions of the Ambulance Act, employment as an A-EMCA is prohibited to any individual who:

- ◆ **in the past year has received six or more demerit points on their driving record**
- ◆ **has not had a driving licence suspended in the previous two years, or**
- ◆ **has not been convicted of any crime involving moral turpitude for which he/she has not been pardoned.**
- ◆ **This also applies on entrance into and continuation in the program**

LOYALIST COLLEGE BANCROFT CAMPUS
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YEAR 1

Semester 1

Anatomy & Physiology I
Emergency Patient Care I (Lab & Theory) *
Medico-Legal Aspects *
Human Behaviour and Crisis Intervention I *

Semester 2

Advance Skills for Primary Care Paramedics 1 *
Hospital Clinical I
General Election Elective

Semester 3

Professional Issues Research & Leadership *
Emergency Vehicle Maintenance and Operations
Crisis Intervention II *
Medical Terminology (On Line)*
Ambulance Field Experience
General Education Elective

YEAR 2

Semester 1

Patho-physiology (Tuition & Syllabus) *
Emergency Patient Care II (Lab & Theory) *
Advanced Skills for Primary Care Paramedics II *
General Education Elective

Semester 2

Communications for Emergency Health Workers II *
Hospital Clinical II (continued, ER Clinical)
Paramedic Comprehensive Review *
General Education Elective

Total Tuition for the Paramedic Program \$8004.18

Above rates are based on 2009 tuition rates and are subject to change. All payments are to be made to Loyalist College in cash, certified cheque, money order, Visa, MasterCard or American Express. No personal cheques will be accepted. All tuition fees are subject to change based on Ministry approval and additional fees for required textbooks are not included in above prices.

*NOTE: All courses are marked with an * minimum of "B" average for successful completion.*

PARAMEDIC DIPLOMA PROGRAM

YEAR ONE

ANATOMY AND PHYSIOLOGY (ANAT 1002)

An introductory study of the structure and function of the human body as an integrated whole. The content provides an overview of basic body chemistry, cell structure, and human body systems. It provides the basis for subsequent study of Patho physiology and patient care procedures.

MEDICO-LEGAL ASPECTS (PMED 1000)

This course provides students the ability to apply relevant legislation and regulations. The student understands their role as an advocate for patients rights to dignity, privacy, confidentiality, and consent/non consent to treatment.

HUMAN BEHAVIOUR AND CRISIS INTERVENTION I (PMED 1001)

A basic understanding of the changes in physical and psychological development from infancy to late maturity (elderly) and the concepts of cumulative and critical incident stress as it applies to self and/or colleagues and family.

AMBULANCE FIELD EXPERIENCE (PMED 2002)

This course provides the opportunity for students to receive practical experience in Emergency Health Services in true emergency patient care situations in the community. Under the direct supervision of a paramedic crew the student will review, participate in, and analyse emergency situations which will form a basis for professional practise in the future.

EMERGENCY PATIENT CARE I (PMED 1002)

This course covers the responsibilities of the student in assessing, managing, and transporting patients in stabilized conditions. Students will learn the assessment, patho physiological processes and management of various medical and traumatic problems that may afflict pre-hospital patients. Students will demonstrate their ability to lift, transfer, position, and transport patients in the pre-hospital setting.

HOSPITAL CLINICAL I (PMED 2001)

Observation and supervised participation in various hospital departments and simulated pre-hospital care situations are used as a basis for applying theoretical content of previous courses. Students will gain an understanding of the role of hospital staff in the continuing care of pre-hospital patients.

ADVANCED SKILLS FOR PRIMARY CARE PARAMEDICS I (PMED 2000)

This course will teach the student the use of the current pre-hospital defibrillators and the current standards & protocols required by the MOH. It will also cover ECG lead II rhythm interpretation.

PROFESSIONAL ISSUES, RESEARCH AND LEADERSHIP (PMED 2004)

Students will develop their critical thinking skills in identifying issues surrounding the application of skills, professionalism, and the development of technology that are relevant to the field of pre-hospital care. This will encompass the development and use of strategies to be able to locate, select and discriminate pertinent information.

CRISIS INTERVENTION II (PMED 2005)

This course provides the student with theoretical and practical concepts necessary for intervening in crisis situations involving a variety of psycho social behavioural outcomes.

COMMUNICATIONS FOR EMERGENCY HEALTH WORKERS I (COMM 2008)

In 2006 this was replaced with Medical Terminology, an online course with Ontario Learn.

ADVANCED SKILLS FOR PRIMARY CARE PARAMEDICS II (PMED 2000)

Students will gain a working knowledge enabling them to deliver the Ministry of Health EHSB protocols for “Symptom Relief” (administration of medication), and “Intravenous Therapy” (starting and monitoring an IV). The student will also become familiar with the equipment and drugs used by Advanced Care Paramedics and over the counter prescription medications.

EMERGENCY VEHICLE MAINTENANCE AND OPERATIONS (PMED 2003)

Techniques to ensure driver and vehicle readiness for emergency service. Students acquire skills to maintain emergency vehicles, prepare and operate an emergency vehicle, drive defensively avoiding hazards and control skids.

GENERAL EDUCATION ELECTIVE (2)

General education elective courses are designed to provide benefits to the student’s personal growth and enrichment, informed citizenship and working life. Students select courses from a variety of defined subject areas: work and the economy, understanding technology, understanding science, social understanding, personal development, cultural understanding, civic life and aesthetic appreciation.

YEAR TWO

PATHO-PHYSIOLOGY-ALTERATION IN A NORMAL FUNCTION (PMED 3002)

This course is designed to familiarize the student with the groundwork and understanding of the patho- physiological processes that lead to the varying medical & traumatic conditions they are taught to manage in Emergency Patient Care.

EMERGENCY PATIENT CARE II (PMED 3001)

The major emphasis in this course is on the responsibilities of the paramedic in caring for patients in stable conditions and emergency situations and situations that may become emergencies. Also in providing suitable patient management where accurate and justifiable decisions are made based on patient assessment. The main areas of focus are medical emergencies, paediatrics, emergency rescue techniques, traumatic emergencies, environmental emergencies. Laboratory work relates theory to skill development. The student will also apply the patho physiological processes, associated with varying conditions.

COMMUNICATIONS FOR EMERGENCY HEALTH WORKERS II (COMM 3001)

This course focuses on the integration of the paramedic to the socioeconomic environment of the non emergent and emergent patient in a long term chronic and pre-hospital environment.

HOSPITAL CLINICAL II (PMED 3004)

Observation and supervised participation in various hospital departments and simulated pre-hospital care situations are used as a basis for applying theoretical content of previous courses. Students will gain an understanding of the role of hospital staff in the continuing care of pre-hospital patients.

PARAMEDIC COMPREHENSIVE REVIEW (PMED 3005)

Students will consolidate key concepts of pre-hospital care. Course participants will relate and integrate theoretical concepts previously learned with clinical situations. Challenges of the student-to-Paramedic transition will be thoroughly discussed. Students will receive feedback following a comprehensive evaluation of their theoretical and practical skills.

GENERAL EDUCATION ELECTIVE (2)

General education elective courses are designed to provide benefits to the student's personal growth and enrichment, informed citizenship and working life. Students select courses from a variety of defined subject areas: work and the economy, understanding technology, understanding science, social understanding, personal development, cultural understanding, civic life and aesthetic appreciation.

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GENERAL EDUCATION ELECTIVES

Upon acceptance, students are required to select one (1) of the following on-line Gen. Ed. Courses for Semester 3 (Winter Term) and one (1) for Semester 4 (Spring Term):

<i>POLI 8014</i>	<i>Criminal Psychology/Psychopathic Minds</i>
<i>POLI 8015</i>	<i>Sexual Violence</i>
<i>POLI 8016</i>	<i>Domestic and Workplace Violence</i>
<i>POLI 8017</i>	<i>Cults and Terrorism</i>
<i>PSYC 2001</i>	<i>Applied Psychology</i>
<i>BUSI 8134</i>	<i>Occupational Health & Safety</i>
<i>COMM 1000</i>	<i>Business Communications</i>
<i>POLI 8013</i>	<i>Introduction to Intercultural Communications</i>

LOYALIST COLLEGE BANCROFT CAMPUS
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FACULTY

KELLY SHEPPARD. (MDE), BhlthSc, CCP, ACP, AEMCA.
(Professor / Program Co-Ordinator)

Kelly is a graduate of Centennial College's AEC program, Seneca College's Aero Medical Care Program and Humber College's Ambulance Management Program. He also received his Bachelor of Health Science in Pre Hospital Care from Charles Sturt University, and is currently completing his Masters of Distance Education via Athabasca University. Currently Kelly is a practising Critical Care Paramedic (CCP) with Toronto EMS, was a member of both the first Air Ambulance program run through Seneca College, the first combined Air/Land Paramedic program run by Toronto EMS, and was in the first group selected for Toronto's Critical Care Program. Kelly also completed the CMA preceptor program that focuses on adult education of EMS providers, and was also one of the OPALS preceptor group sent to precept the first OPALS Paramedic Program. Kelly has held three world titles in Ambulance & Emergency Care and been involved in precepting and diabolic training of Paramedics within Toronto EMS and the OPALS program since 1995. Kelly is a certified ITLS instructor and has been an editor / reviewer For "Essentials of Paramedic Care, Canadian Edition, Bledsoe, Porter, Cherry, Clayden". On September 28th, 2008, Kelly received the EMS Exemplary Service Medal. This medal is awarded by the Lieutenant Governor to Paramedics for over 20 years of exemplary service.
ksheppard@loyalistc.on.ca. (613) 332-1743 ext 245

CHRIS ANDERSSON. BhlthSc, ACP, AEMCA (Professor / Assistant Co-ordinator)

Chris graduated from the Ambulance and Emergency Care Program at Loyalist College. Prior to graduating he worked as a EMA-D volunteer at the Northbrook & District Ambulance Service. Chris started his EMS career with Toronto EMS as a PCP and soon there after advanced to ACP. Chris then move to Northumberland EMS and upon completing his Bachelor of Health Science in Prehospital Care from Charles Sturt University he accepted a position as Educational Coordinator, Central East Prehospital Care Program. Chris is still currently practising as an ACP with Hasting EMS

LISA McVETY. RN, AEMCA. (Professor / Clinical Co-Ordinator)

Lisa is a graduate of both Durham's Nursing Assistant and Nursing Diploma Programs. Her experience is in Critical and Emergency Nursing. Lisa also holds certification in, ENC(C), ACLS, TNCC, ENPC, ATLS and NNR, and has completed the Critical Care Nursing Program at Centennial College. She has been involved in pre-hospital care, both as an instructor and coach of Paramedic competition teams at an International level which won the 1991/92 & 1994 world titles. Lisa is a graduate of the Loyalist College Paramedic Program and is a certified ITLS instructor. Currently Lisa is the Nurse Manager of surgical services at Rouge Valley, Ajax site.

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FACULTY CONTINUED

ROBERT BELL. PCP, AEMCA (Professor)

Bob is a veteran with over 35 years experience. Bob started in the ambulance system in the early 70's when all that was required was first aid and a chauffers license. Bob is a graduate of the original Camp Borden FCC program and also completed the Sir Sanford Fleming College's AEC program in the early 80's. Bob's job experience has ranged from Private & Ministry services to Hospital & Municipal based services. Currently Bob is a PCP with Durham Region EMS and is a certified ITLS instructor.

VANESSA VAN VAALS, PCP, AEMCA, (Professor)

Vanessa Van Vaals graduated from the Paramedic Program in the Dean's Honour Roll from Algonquin College in 2003. Vanessa is proficient in both English and French. Since graduation, she has been employed as a PCP with Hastings-Quinte EMS where she is also a preceptor. Vanessa also has her own business tutoring paramedic students to prepare them for the A-EMCA exam. She is currently working on her Facilitating Adult Learning Certificate.

DAN FARROW, PCP, AEMCA (Professor / Placement Coordinator)

Dan Farrow graduated from Loyalist College, Bancroft Campus in June 2001 from the Paramedic Diploma Program. Dan is employed as a PCP with Peterborough EMS since 2002; since 2003, he has been employed at the Peterborough Regional Base Hospital as an ACR Auditor / educator.

MARCELLE JOHNSON. ACP, AEMCA (Professor)

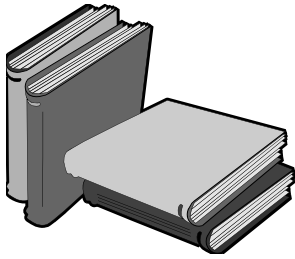
After completing **year 1** of the Paramedic program at Centennial College, Marcelle transferred to Loyalist College. Marcelle and her partner placed second in the College PCP Division in April 2004 at the Durham Paramedic Associations Annual Skills Competition. She graduated in June 2004 from the Paramedic program on the Deans List. Marcelle became employed as a PCP in June 2004 for the Region of Peel. Marcelle then went on to graduate from The Humber ACP program in 2007 and is currently a practising ACP with Northumberland EMS. Marcelle is a certified ITLS instructor and currently working toward her undergrad in clinical practice in paramedicine with Charles Sturt University.

JASON HESS, ACP, AEMCA (Professor)

After spending time at both Bishop's and Trent University's Jason graduated on the Dean's List from the Loyalist Paramedic Program in 2002. Since graduating Jason has been employed by Toronto EMS where he worked as a PCP and Field Training Officer/Preceptor. Jason then attended Toronto EMS's Rubes Center for EMS education and obtained his ACP certification and continues to work for Toronto EMS as an ACP.

JEFF ROBBINS, PCP, AEMCA, DIPL. T

Prior to a career in Paramedicine, Jeff Robbins graduated from the Electronics Engineering Technology Program at Loyalist College, and worked in the telecommunications industry for twelve years. Jeff is a graduate of the Loyalist College Paramedic Program and is currently employed as a PCP with Lennox and Addington EMS. Jeff is a member of the service Special Ops and Hazmat Teams, is the Electronic ACR Program Coordinator, and also provides IT support to the service. Jeff is also with the Regional Paramedic Program for Eastern Ontario as an Instructor, and currently is an advisor to two Ontario Base Hospital Committees. Jeff is currently working toward an undergraduate degree at the University of Ontario Institute of Technology.



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Texts in bold print are mandatory and are available through the Belleville Campus. All other texts can be used as a reference.

How to get your books!!

Now that you have enrolled in your course - you will probably need to get a textbook. There are a few different ways you can go about getting your textbooks. First of all we, the Bookstore, work closely with your course coordinators to ensure that we have the texts that you require for your course available in the Bookstore. You may come in and pick up your text at any time. Our store hours are listed below. You may also order your book with a credit card by calling or emailing us. A \$6.00 shipping & handling fee (depending on the size and location of your shipment) will be applied and we will purulate your books to you. We also stock a variety of school supplies, clothing and great gift ideas. If you have any questions please feel free to give me a call.

Thanks,

Michelle Croft
Bookstore Manager

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