



# JIBC

School of Health, Community & Social Justice  
Health Sciences Division

## Paramedic Student Learning Goals - Emergency Department

<p><b>Primary Care Paramedic students</b> attend placements in emergency departments during Block 1 and Block 2 practice education.</p> <p>Clinical placements will focus on the following types of skills, assessments and duties related to patient care:</p> <p><b>Therapeutics</b></p> <ul style="list-style-type: none"><li>• Peripheral intravenous (IV) cannulation and fluid maintenance</li><li>• Medication administration by PO, SL, IM, SC, IN, IV and INH</li><li>• Airway management</li><li>• Oxygen administration</li><li>• Ventilation management</li></ul> <p><b>Assessments and Diagnostics</b></p> <ul style="list-style-type: none"><li>• Patient assessment – medical &amp; trauma patients (vital signs, history taking, head to toe assessment and interpret findings)</li></ul> <p><b>Other responsibilities related to patient care</b></p> <ul style="list-style-type: none"><li>• Lifts and transfers</li><li>• Catheter care - emptying the bag, observing the contents for what is normal/abnormal. NO catheter insertion or removal</li><li>• Personal care – brief changes, wash and dress patients, help with toileting</li><li>• Communicate with patient and nurse clinician</li><li>• Entry level clinical decision making</li></ul> <p><b>Integration</b></p> <ul style="list-style-type: none"><li>• Providing care to pediatric and geriatric patients</li></ul> <p><b>Medical and Trauma</b></p> <ul style="list-style-type: none"><li>• All spectrum of medical &amp; trauma patients from stable to unstable. Patients may have multiple co-morbidities that complicate plan of care and treatment.</li><li>• Level of assessment and interaction based on clinician’s assessment of student and comfort level with higher acuity patients.</li></ul> <p><b>Examples of learning activities</b></p> <ul style="list-style-type: none"><li>• Performing systems-based patient assessments, histories and physical exams on patients</li></ul>	<p><b>Advanced Care Paramedic students</b> attend placements in emergency departments during Term 1 practice education.</p> <p>Clinical placements will focus on the following procedures within the scope of practice:</p> <ul style="list-style-type: none"><li>• Advanced airway management</li><li>• Intubation</li><li>• Sedation</li><li>• Needle thoracentesis</li><li>• 12 lead interpretation</li><li>• 3 lead ECG analysis</li><li>• IO insertion and use</li><li>• CPAP at discretion</li><li>• Extraglottic airway at discretion</li><li>• OG/NG tube insertion</li><li>• Inline intubation suction</li><li>• Manual defibrillation</li><li>• Cardioversion</li><li>• Transcutaneous pacing</li></ul> <p><b>Goals for clinical experience</b></p> <ul style="list-style-type: none"><li>• Exposure to acutely ill and injured individuals</li><li>• Introduce students to allied health providers and partner for short times if appropriate (RT, ECG tech, and physicians)</li><li>• Expose students to specialized areas (Cath lab, ICU, etc.)</li><li>• Focused history and physical examination of patient</li><li>• Expose to skill opportunity (more difficult IV starts, manual airway maneuvers, BVM ventilation, intubation)</li><li>• More focus on clinical discussions for pathophysiology, treatments in hospital, and outcomes than skill based</li></ul> <p><b>Examples of learning activities</b></p> <ul style="list-style-type: none"><li>• Performing systems-based patient assessments, histories and physical exams on patients</li><li>• Participate in the opportunity for exposure to other clinical opportunities as they arise</li><li>• Apply and operate a cardiac monitor including 12-Lead, defibrillation, transcutaneous pacing and synchronized cardioversion</li><li>• Interpret and discuss ECG findings</li><li>• Assessing and linking vital signs to patient presentations</li></ul>
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