

# CRITICAL CARE NURSING (CCNG)

This is a list of the Critical Care Nursing (CCNG) courses available at KPU.

## CCNG 5000 CR-1

### Professional Issues in Critical Care Nursing

Students will examine their current practice and explore complex concepts and issues of adult critical care nursing. They will begin to transition their nursing practice into an evidence-based critical care nursing practice. Students will develop an understanding of the scope of a critical care nurse and begin to develop a nursing framework tool to use in their practice.

*Co-requisites: CCNG 5010 and CCNG 5020 or with the permission of the instructor CCNG 5010 and CCNG 5020 or with the permission of the instructor*

## CCNG 5010 CR-3.5

### Critical Care Nursing Theory 1

Students will draw from experience and expand on their knowledge of the anatomy, physiology, pathophysiology, supporting labwork and pharmacology of the cardiovascular, hematological and immunological systems. They will integrate this knowledge to application of a nursing decision-making framework in critical care environments.

*Co-requisites: CCNG 5000 and CCNG 5020 or with the permission of the instructor CCNG 5000 and CCNG 5020 or with the permission of the instructor*

## CCNG 5020 CR-3

### Critical Care Nursing Practice 1

Students will recognize and interpret basic cardiac rhythms and dysrhythmias as well as basic 12-lead electrocardiograms. They will have practice experience in the lab to learn advanced nursing skills common to critical care settings. Students will use a simulator for practice and competency testing. They will complete two hospital clinical placements; one in a coronary care unit and the other in a critical care step-down unit.

*Co-requisites: CCNG 5000 and CCNG 5010 CCNG 5000 and CCNG 5010*

## CCNG 5030 CR-2

### Critical Care Nursing Theory 2

Students will draw from experience and expand on their knowledge of the anatomy, physiology, pathophysiology, supporting labwork and pharmacology of the pulmonary and neurological systems. They will integrate this knowledge to application of a nursing decision-making framework in critical care environments.

*Prerequisites: CCNG 5010*

## CCNG 5040 CR-2

### Critical Care Nursing Theory 3

Students will draw from experience and expand on their knowledge of the anatomy, physiology, pathophysiology, supporting labwork and pharmacology of the gastrointestinal, endocrine and renal systems. They will learn about the care of clients with sepsis, shock, multisystem organ dysfunction, trauma, burns, surgery, ineffective thermoregulation and obstetrical emergencies. Students will integrate this knowledge to application of a nursing decision-making framework in critical care environments.

*Prerequisites: CCNG 5000 and CCNG 5010 and CCNG 5020*

*Co-requisites: CCNG 5050 CCNG 5050*

## CCNG 5050 CR-5.5

### Critical Care Nursing Practice 2

Students will practice in the lab and clinical settings to consolidate advanced critical care nursing skills. They will learn Advanced Cardiac Life Support (ACLS) theory and skills to current ACLS standards. Students will use simulators and case scenarios to integrate course theory and skills into practice.

*Prerequisites: CCNG 5000 and CCNG 5010 and CCNG 5020*

*Co-requisites: CCNG 5040 CCNG 5040*