

# NURS 3014 HEALTH VARIATIONS 4 (ADVANCED) - ACUTE LIFE THREATENING CONDITIONS

**Credit Points** 10

**Legacy Code** 401216

**Coordinator** Sharon Jacobs ([https://directory.westernsydney.edu.au/search/name/Sharon Jacobs/](https://directory.westernsydney.edu.au/search/name/Sharon%20Jacobs/))

**Description** This subject develops a student's knowledge, critical thinking and problem-solving skills related to the pathophysiology, pharmacology and nursing care for people who experience an acute life-threatening and/or traumatic condition that may involve multiple systems failure. National Health Priority case histories used in the subject will focus on cardiovascular disease, and injury prevention and control. The subject will also consider habilitation and rehabilitation of people who have experienced acute life-threatening or traumatic complex health issues. Workshops will be used to provide the student with the necessary advanced assessment, clinical problem-solving skills and simulation experiences to recognise the deteriorating patient with potential life-threatening conditions and intervene with reporting, monitoring and initiation of treatment skills.

**School** Nursing & Midwifery

**Discipline** Critical Care Nursing

**Student Contribution Band** HECS Band 1 10cp

Check your HECS Band contribution amount via the Fees ([https://www.westernsydney.edu.au/currentstudents/current\\_students/fees/](https://www.westernsydney.edu.au/currentstudents/current_students/fees/)) page.

**Level** Undergraduate Level 3 subject

**Restrictions** Students must be enrolled in 4693 Bachelor of Nursing (Advanced).

**Assumed Knowledge**

Primary health care, knowledge of human biological sciences including human body systems, concepts in pharmacology and pathophysiology and the National Health Priorities and the relationship to nursing practice.

## Learning Outcomes

On successful completion of this subject, students should be able to:

1. Demonstrate in-depth understanding of pathophysiological processes that are related to acute life-threatening and/or traumatic condition and its implications for professional nursing practice
2. Appraise specific diagnostic procedures associated with acute life threatening and/or traumatic complex health conditions
3. Critically evaluate pharmacological agents and their safe effective application in professional nursing practice when caring for people with acute life threatening and/or traumatic complex health conditions
4. Justify strategies used to provide safe effective evidence based nursing care for individuals and their families who experience an acute life-threatening event or traumatic complex health condition

5. Critically discuss the principles of habilitation and rehabilitation as they relate to individuals who experience an acute life-threatening or traumatic complex health issues

## Subject Content

1. Knowledge and application of the following to inform professional nursing practice related to acute life-threatening and/or traumatic complex health conditions utilising both critical thinking and problem-solving skills:

- a. National Safety and Quality Health Service Standards
- b. Advanced Health Assessment skills
  - primary and secondary survey for Trauma injury management
- c. Pathophysiology
- d. Pharmacology
- e. Diagnostic procedures
- f. Nursing management
  - The deteriorating patient
  - sudden unexpected Death
- g. Habilitation and rehabilitation principles
- h. Advanced assessment and professional communication skills

2. Indicative Case Histories

- cardiovascular ? Acute Myocardial infarction, cardiac Revascularisation, cardiac surgery
- injury prevention and control ? Trauma, Shock (neurological, pelvis, Abdominal, Burns)
- multi-systems failure ? organ donation
- Anaphylaxis ? Airway management

## Assessment

The following table summarises the standard assessment tasks for this subject. Please note this is a guide only. Assessment tasks are regularly updated, where there is a difference your Learning Guide takes precedence.

Type	Length	Percent	Threshold	Individual/ Group Task
Quiz	30 minutes each quiz	20	N	Individual
Viva Voce	20 minutes	30	N	Individual
Final Exam	1 hour	50	N	Individual
Participation	4 x 4 hours	S/U	Y	Individual

Teaching Periods

## Autumn (2022)

### Campbelltown

**Day**

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View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=NURS3014\\_22-AUT\\_CA\\_D#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=NURS3014_22-AUT_CA_D#subjects))

### Hawkesbury

**Day**

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## Liverpool

### Day

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## Parramatta - Victoria Rd

### Day

**Subject Contact** Sharon Jacobs ([https://directory.westernsydney.edu.au/search/name/Sharon Jacobs/](https://directory.westernsydney.edu.au/search/name/Sharon%20Jacobs/))

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## Autumn (2023)

### Campbelltown

#### On-site

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## Liverpool

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