Rationale of Module
Nurses working in the ED of an acute hospital with a national referral centre for neurosurgery, need to exercise an advanced level of clinical judgement, knowledge and skills in advanced airway and cardiac support. It is recognised that nurses are an essential component of an organised multidisciplinary approach to decreases mortality and morbidity in an emergency situation.

Module Aims
This module aims to build on the students existing skills and knowledge to develop the competency in managing patients with medical, cardiac, neurological and neurosurgical emergencies.

Learning Outcomes
On successful completion of this module, the student will be able to:

- Critically evaluate the nursing management of patients with medical and cardiac illness.
- Critically evaluate the role of the nurse in the management of patients who require advanced airway management and advanced cardiac life support.
- Critically discuss and demonstrate nursing interventions associated with acute illness and injury.
- Critically evaluate the nursing management of patients with neurological and neurosurgical emergencies.

Indicative Syllabus

- Management of patients with medical emergencies
- Management of cardiac emergencies
- Management of neurosurgical emergencies
- Management of neurological emergencies
- Management of airway emergencies

Teaching Learning Activities

<table>
<thead>
<tr>
<th>Teaching Learning Activities</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact time (face to face, online tuition, discussion forum, group work, PBL)</td>
<td>36</td>
</tr>
<tr>
<td>Independent Learning</td>
<td>124</td>
</tr>
<tr>
<td>Assessment preparation</td>
<td>90</td>
</tr>
<tr>
<td>Total</td>
<td>250</td>
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</table>
### Examination/Assessment Method

<table>
<thead>
<tr>
<th>Examination/Assessment Method</th>
<th>Type of Assessment (Continuous/Terminal)</th>
<th>Weighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 hour Unseen written Examination</td>
<td>Terminal</td>
<td>100%</td>
</tr>
</tbody>
</table>

### Indicative Reading


### Recommended Journals

- *Accident and Emergency Nursing*
- *American Journal of Emergency Nursing*
- *Emergency Nurse*
- *Intensive and Critical Care Nursing*
- *International Emergency Journal*
- *International Journal of Nursing Practice*
- *International Journal of Nursing Studies*
- *Journal of Accident and Emergency Nursing*
- *Journal of Advanced Nursing*
- *Journal of Critical Care*
- *Nurse Education Today*
- *Research in Nursing and Health*

### Additional reading material will be provided by individual lecturers

**Date of Last Revision:** April 2014