

Course Highlights

- Program pedagogy which includes Webinar, Student Faculty Chat by Subject Experts and Project Work.
- Reference subject through E-library
- Program materials developed by experts
- Each block culminating into a qualifying assignment
- Credit based teaching outcomes for global application

Evaluation and Grading

- Evaluations will collate candidate performance based on Self-Assessment, Term End Assessment, completion of Project Work, participation in Webinar, participation in student-faculty chat.
- Grading will be done based on alphabetical grade point percentage.

Certification

At the end of the program the student will be awarded a Certification from Astron Institute of International Studies, Gurgaon.

**For Registration Call
8800893636**

ASTRON INSTITUTE OF INTERNATIONAL STUDIES

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Certificate Program in Critical Care Nurse



About AIIS

Astron Institute of International Studies (AIIS), an academic vertical of Astron Group, Gurgaon, is focused on the intensively growing and continually developing fields of public and community health with emphasis on the underserved section of society at large. It envisions promoting excellence in Healthcare, Research, Education, Training, Skill Enhancement and Consultancy Services. AIIS, with its Vision and Mission to contribute to the fulfilment of the National Health Policy 2015 goal is working towards development of healthcare workforce with specialised skills and knowledge.

Course Overview:

This course will help nurses boost their knowledge and skills of caring for patients with acute critical illness. This course will empower the nurses to build abilities and competencies essential for specific treatment plans of caring for critical illnesses including patient centric care & management, including medical & surgical treatment addressing critical emergencies health-education and development.

This course is specially aimed at making nurses proficient in the specialized area of critical care. Interested nurses can enhance their skills and knowledge by taking this course and make a career for themselves in this discipline. Any nursing graduate or diplomate, registered with a State Nursing Council in India is eligible to take this course.

This course presents multiple career opportunities to nurses wishing to pursue this specialty. Apart from being a specialist nurse in intensive care department, this course empowers the nurse to acquire in-depth knowledge and understanding of the critical illnesses, prevention, care and promotion of health. Successful candidates can work in any healthcare establishment and provide specialized care with clinical decision-making and critical thinking.

Eligibility Criteria

- GNM holding 2 years experience
- BSc Nursing
- English competency - 40% Marks in 10 + 2
- Basic computer knowledge - MS Office

Program Duration

3 Months

Learning Outcome

Knowledge and Understanding of:

- The scope of practice in critical care units.
- Ethical and legal issues relevant to critically ill patients in ICU.
- Critically ill patient' and their families needs and problems
- The principles of judgment and limitations of practice in critical care units.

Intellectual Skills

- Assess the needs of critically ill patient.
- Identify the appropriate action for critical situations.
- Prioritize actions according to the needs of the situation utilizing critical thinking process.
- Integrate knowledge from nursing science, medicine and other sciences in nursing care of critically ill patient
- Ensure the availability and optimal deployment of resources in critical care unit
- Assist consumers and health care team when taking decisions.

Professional and practical skills

- Monitor hemodynamic, oxygenation, blood chemistry and acid base balance of critically ill patient. Develop technical skills necessary to function competently within the critical care areas as a professional nurse.
- Demonstrate technical skills in dealing with advanced technology in critical care setting.
- Implement nursing process to provide high quality nursing care to critical care patient.



Course Contents

- Introduction to critical care nursing
- Concept of holistic care applied to critical care nursing practice
- Review of Anatomy and Physiology of Vital organs
- Fluid and electrolyte balance
- Legal and Ethical issues related to in critical care nurse's
- Management of emergency conditions/ Trauma
- Essential skills and procedure Assistance
- Arterial blood gas analysis
- Percutaneous tracheostomy
- Intra-aortic balloon pump
- Blood culture
- Central line catheter
- Intubation and air way management
- Urinary catheter
- ACLS and BLS
- Review of drugs and pharmacokinetics
- Pain management in critical care
- Management of pressure ulcer
- Management of thrombophlebitis
- Management of critical care unit
- Management of patient medical record
- Quality indicators in critical care unit
- Infection control in critical care unit

