

Online Diploma Program in Critical Care Technician

**For Registration Call
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ASTRON INSTITUTE OF INTERNATIONAL STUDIES

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Benefits to the Individual

- ♦ Academic excellence ,enhanced skills and capabilities as a Critical Care Technician.
- ♦ Ability to demonstrate sound clinical judgement in ICU Settings.
- ♦ Leadership capabilities to supervise and lead the Critical Care team
- ♦ Sound technical knowledge and skill to handle complex ICU equipment
- ♦ High level of interpersonal skills and communication skills.

Benefits to the Organisation

- ♦ Skilled human resource to better manage critical care patients
- ♦ Health workforce with technical knowledge and aptitude of handling sophisticated equipment in ICU
- ♦ Technical support to physicians and nurses as Critical Care Practitioner.

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, Geriatric Care and Consultancy Services. According to National Health Policy 2015 there is a need for planned expansion of allied technical skills including medical and paramedical workforce. AIIS, with its Vision and Mission to contribute to fulfilment of that goal, works towards development of healthcare workforce with specialised skills and knowledge.

Program Overview

Diploma program in Critical Care Technology has been designed to bridge the gap in critical care practices and develop technicians skilled in critical judgement Certificate program in Critical Care Technology is a one year online program that prepares candidates to provide competent care for critically ill Individuals both theory and clinical aspects offered through Webinar sessions, Group sessions and on-the-job training.

Who is a Critical Care Technician?

Critical Care Technician (CCT) is a trained paramedical professional who has a significant role to play in Critical Care Unit of a healthcare organisation. CCT is a specialised person who ensures safe and effective use of technological systems for critically ill patients and supports intensivists in the ICU. They form interface between the intensivists and patients.

Aim

To provide premiere education and training through blended learning in the area of critical care technology.

Objectives

- ◆ To enhance knowledge and skills to identify and handle complex clinical problems emerging in the ICU.
- ◆ To attain in-depth understanding on the latest medical technologies in the ICU.
- ◆ To become proficient in responding to medical emergencies

Eligibility Criteria

Minimum eligibility is 10+2 from Central or State board with Science Stream.

Program Duration

One Year (online Classes 9 months + 3 months Hospital Training)

Certification

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



Contents

- ◆ Basic Concepts in the Care of Critically ill Patients
- ◆ Requirement of Patient Care in ICU.
- ◆ Equipment, Instruments and their Maintenance in ICU
- ◆ Systems, Processes and Procedures adopted in Care of Critical Patients
- ◆ Emergencies and Transportation of Unconscious Patients
- ◆ Quality Assurance in Patient Care in ICU
- ◆ Cardio Pulmonary Resuscitation
- ◆ Medical Law and Ethics and Code of conduct
- ◆ Administrative, Communication and Computer Skills

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.

Career Path

