

Online Diploma Program in Emergency Medical 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 Emergency Medical Technician.
- ♦ Ability to demonstrate sound clinical judgement in Ambulance
- ♦ Leadership capabilities to supervise and lead the Emergency Team
- ♦ Sound technical knowledge and skill to handle complex Ambulance equipments
- ♦ 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 Ambulance
- ♦ Technical support to physicians and nurses as Emergency Medical Technician

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. 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 Emergency Medical Technician has been designed to bridge the gap in critical care practices and develop technicians skilled in critical judgement. Diploma in Emergency Medical Technician is a one year online Program. The Program prepares candidates to provide competent care for critically ill individuals and their families. The program has a blended approach encompassing both theory and clinical aspects offered through online theory class and on-the-job training. The program has been structured to provide progressive group learning among students enrolled through case studies, presentations and group work

Who is a Emergency Medical Technician

Emergency Medical Technician is a trained paramedical professional who has a significant role to play in Emergency Department of a healthcare organisation. EMT is a specialised person who ensures safe and effective use of technological systems for critically ill patients and supports Medical Staff in the Ambulance. They form an interface between the Medical practitioner and patients.

Aim

To provide premiere education and training through blended learning in the area of Emergency Medical Technician

Objectives

- ◆ To enhance knowledge and skills to identify and handle complex clinical problems emerging in the Emergency
- ◆ To attain in-depth understanding on the latest medical technologies in the Ambulance
- ◆ 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 Ambulance
- ◆ Equipment, Instruments and their Maintenance in Ambulance
- ◆ Systems, Processes and Procedures adopted in Care of Critical Patients
- ◆ Emergencies and Transportation of Unconscious Patients
- ◆ Quality Assurance in Patient Care in Ambulance & Emergency
- ◆ Cardio Pulmonary Resuscitation
- ◆ 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

