



Delhi Skill and Entrepreneurship University

**B.Sc.
(Emergency
Medical
Technology)**



Effective from Academic Year 2022-23

Program Information

Delhi Skill and Entrepreneurship University (DSEU)'s B.Sc. in Emergency Medical Technology Program aims to prepare today's youth with job-ready skills to take up roles in Emergency Medical Technology and related paramedical fields, thereby addressing the lack of skilled professionals in this space and contributing to best-in-class healthcare provision for the community.

At the end of this program, students will be equipped with:

- a) Strong foundational skills and knowledge to be successful EMTs upon graduation who can communicate effectively with patients, families and team members
- b) The ability to ensure safe transportation of patients and perform detailed patient assessments, along with identifying appropriate diagnostic tests and interpreting their results
- c) The capacity to integrate pathophysiological principles and assessment findings to provide appropriate patient care, and follow through on provision of this care in practice (including provision of life support and resuscitation)
- d) The requisite skills and knowledge for handling medical equipment for patient care
- e) A strong foundation in the medical laws and ethics of healthcare

Pedagogy and Teaching Methodology

Two years of classroom training will be interspersed with industry visits and guest lectures. Further, all instructors providing this training will themselves have relevant industry experience to ensure appropriate learning. The students will also be expected to spend ~50% of their time during this period gaining practical knowledge in the laboratories equipped with all the latest equipment. Additionally, there will be one year of on-the-job training informed of internships divided into two 6-month portions. You will be spending 6 months interning in the industry once in the second year, and again in the third year.

Placement and Internship

With a curriculum developed in close partnership with Apollo Medskills since the inception of this course, the design and development of this program focuses on hands-on contemporary skill development. This aims to ensure that students will have ample opportunity to get the much-required projects and industry experience which will pave the way for a strong foundation for a future career in Emergency Medical Technology. We also have a strong roster of medical company partners to support and facilitate student efforts in securing jobs and internships.

Credit scheme

Semester I			
SI No.	Subject Code	Course Titles	Total Credits
1	EMT-DC101	Anatomy & physiology	4
2	EMT-DC102	Basic Sciences: Biochemistry & Pharmacology	5
3	EMT-DC103	Introduction to Emergency Medical Services - 1	7
4	EMT-DC104	Hospital and Patient Orientation	4
	EMT-SE101	Introduction to IT in Healthcare	1
5	EMT-AE101	English Communication-I	2
6	EMT-AE102	Environmental Science -I	2
Total			25

Semester II			
SI No.	Subject Code	Course Titles	Total Credits
1	EMT-DC201	Basic Sciences – Pathology and Microbiology	5
2	EMT-DC202	Introduction to Emergency Medical Services – II	7
3	EMT-DC203	Medical Emergencies - I	11
4	EMT-DC204	Psychology	3
5	EMT-AE201	English Communication-II	2
6	EMT-AE102	Environmental Science - II	2
Total			30

Semester III

SI No.	Subject Code	Course Titles	Total Credits
1	EMT-DC301	Medical Emergencies – II	7
2	EMT-DC302	Medical Emergencies – III	5
3	EMT-DC303	Trauma and Burns	7.5
4	EMT-DC304	Surgical Emergencies	5.5
5	EMT-FW301	Face the world – I	3
Total			28

Semester IV			
SI No.	Subject Code	Course Titles	Total Credits
1	EMT-SI401	Clinical Affiliation – Emergency Management of Patients	21
Total			21

Semester V			
SI No.	Subject Code	Course Titles	Total Credits
1	EMT-DC501	Triage and Life Support	5
2	EMT-DC502	Emergencies in Special Populations	9
3	EMT-DC503	Introduction to Quality and Patient Safety and Research Methodology	3
6	EMT-DC504	Principles of Management and Medical Laws	3
	EMT-FW501	Face the World - II	3
Total			23

Semester VI			
SI No.	Subject Code	Course Titles	Total Credits
1	EMT-SI601	Clinical Affiliation – Care of Special Population – Pediatric and Elderly with Emergencies	21
Total			21

The syllabus for English Communication I and II, Face the World Skills and Environmental Studies are given separately.