

EMERGENCY MEDICAL TECHNICIAN- I /BASIC

EMT-1/Basic certification is required to work for an ambulance service or in an emergency department and may be required for lifeguards, ski patrol and fire fighters. The EMT-1/Basic provides the care necessary to preserve life and to prevent disability among the acutely ill and the seriously injured and assist and communicate with other healthcare providers with a higher scope of practice.

The EMT-1 must have basic knowledge of anatomy and physiology, medical terminology and sterile techniques. The course of study emphasizes treating traumatic injuries and medical emergencies, as well as treating minor disorders and emotional problems. Specialized areas include obstetrical and pediatric emergencies and extricating entrapped persons. Special emphasis is placed on proper patient moving techniques and transport to definitive and appropriate medical care.

Successful completion of the EMT-1 course qualifies the student to sit for the National Registry of Emergency Medical Technicians' certifying examination, and therefore obtain EMT Basic certification in any California County.

Program Outcome

The graduate of the Emergency Medical Technology program will be prepared for entry-level employment as a professional and competent Emergency Medical Technologist and meet the needs of the local health care community. The EMT-1/Basic course is a prerequisite for paramedic training. Job opportunities are good.

CERTIFICATE OF SPECIALIZATION

Required Prerequisite: Valid American Heart Association Healthcare Provider CPR

Program Recommended Preparation: EMT A100

Required Courses

Course			Units
EMT-1/Basic*	EMT	A150	(6)
EMT-1 Clinical Internship	EMT	A151	(.5)
Total:			(6.5)

Suggested electives:

Medical Terminology	ALH	A111	(3)
Anatomy-Physiology	BIOL	A221	(4)
Interpersonal Communication	SPCM	A100	(3)

*Note: American Heart Association Healthcare Provider CPR or successful completion of EMT A100 within the last fourteen (14) months is a prerequisite for EMT A150. Concurrent enrollment in EMT A151 is required. The ability to read, write and comprehend English at the English A100 level is highly desirable and will help the student succeed.

ENTERTAINMENT TECHNOLOGY

The Orange Coast College Entertainment Technology certificate program is designed to give the student two years of extensive technical experience in the process of creating the scenery, costumes, lighting, or sound effects common to all aspects of the entertainment industry.

Through an intensive program of production work in the OCC Theatre Arts Department, combined with classes throughout the college, the student will acquire the theory, applied training, and work-based experience needed to gain entry-level positions in this highly competitive industry.

Program Outcomes

Upon completion of this certificate students will be able to:

Analyze, research and discuss a play in terms of technical and production requirements.

Collaborate with others to produce a live stage performance.

Demonstrate the ability to complete assignments in his/her area of technical expertise safely and accurately.

CORE CURRICULUM

Required Courses

Course			Units
Internship Academy	ITRN	A393	(3)
Intro to Theatre	THEA	A100	(3)
Stage Crew Activity	THEA	A170*	(2)
OCC Theatre Repertory	THEA	A141*	(6)
(Or)			
Summer Theatre Festival	THEA	A144	(8)
Play Production	THEA	A171*	(4)
(Or)			
Elizabethan Play Wkshp & Production	THEA	A172	(6)
(Or)			
Classic American Play Production	THEA	A173	(4)
(Or)			
Children's Theatre Wkshp & Prdctn	THEA	A174	(4)
(Or)			
Rehearsal & Performance	THEA	A215	(4)
Total:			(18)

(*2 semesters required)

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SCENIC ARTIST

This program is designed to give students a concentrated background in the art techniques and theatrical theory and production practices required to recreate a scenic designer's artwork on a large scale for theatre, theme parks, or other entertainment uses.

Program Outcomes

Upon completion of this certificate students will be able to:

Read and interpret technical drawings and painters' elevations.

Lay out and recreate designs accurately from designer's specifications.

Create accurate colors and textures

Demonstrate the ability to choose appropriate tools, techniques & materials for each task.

CERTIFICATE OF ACHIEVEMENT

Required Courses

Course			Units
Entertainment Core Curriculum			(18)
History/Apprec Western Art	ART	A100	(3)
History/Apprec Western Art	ART	A101	(3)
Color & Design 2-D	ART	A110	(3)
Freehand Drawing	ART	A120	(3)
Perspective	ART	A125	(3)
Painting 1	ART	A130	(3)
Stage Scenery	THEA	A175	(3)
Total:			(39)

Suggested electives:

Color & Design 3-D	ART	A111	(3)
Life Painting	ART	A236	(3)
Intro to Computer Graphics	DMAD	A181	(3)
Rendering & Rapid Visualization	ID	A260	(2)
Elements of Stage Design	THEA	A271	(3)
(And)			
History of Architecture 1 (3)	ARCH	A290	
History of Architecture 2 (3)	ARCH	A296	
(Or)			(6)
History Arch/Furnishings 1 (3)	ID	A180	
History Arch/Furnishings 2 (3)	ID	A190	

LIGHTING TECHNICIAN

This program is intended to give a fundamental understanding of electronics and wiring in conjunction with practical and theoretical knowledge of lighting equipment and the processes used in show production.

Program Outcomes

Upon completion of this certificate students will be able to:

Maintain, prepare and operate stage lighting equipment.

Demonstrate the ability to collaborate with others to produce lighting during performances.

Understand and follow stage lighting safety procedures.

CERTIFICATE OF ACHIEVEMENT

Required Courses

Course			Units
Entertainment Core Curriculum			(18)
Elec Problem Solving	ELEC	A047	(3)
Technical Electronics	ELEC	A140	(3)
Stage Lighting	THEA	A176	(3)
Total:			(27)

Suggested electives:

Intro to Digital Logic	ELEC	A135	(3.5)
Communications Systems	ELEC	A215	(3)
Electronic Troubleshooting	ELEC	A290	(3)
Fundamentals of Lighting	ID	A210	(3)

SCENIC CARPENTER

The courses in this program provide training in the basic skills required to build the wide variety of scenic elements used in the entertainment industry, as well as training in the theory and practice of theatrical production.

Program Outcomes

Upon completion of this certificate students will be able to:

Read and interpret technical drawings.

Follow designers' specifications to build scenic units accurately

Choose appropriate tools, techniques & materials for each task.

CERTIFICATE OF ACHIEVEMENT

Required courses

Course			Units
Entertainment Core Curriculum			(18)
Blueprint Reading & Drafting	CNST	A190	(4)
Technical Math	TECH	A040	(3)
Stage Scenery	THEA	A175	(3)
Arc & Oxy Welding	WELD	A100	(3)
Total:			(31)

Suggested electives:

Furniture Making & Design	CNST	A116	(4)
History Arch/Furnishings 1	ID	A180	(3)
History Arch/Furnishings 2	ID	A190	(3)
Practical Math	MATH	A005	(3)
Elements of Stage Design	THEA	A271	(3)

—See also *COSTUME CAREERS*