

LIGHTING TECHNICIAN CERTIFICATE

PROGRAM CODE: 2C18746

The **Lighting Technician Certificate** is designed to prepare the student for occupational competency as a Lighting Technician in educational, community and resident theatre venues as well as theme parks, television and motion picture studios. This certificate requires a total of 28-31 units. All courses must be completed with a grade of C or better.

Code	Title	Units
Required Courses (16 units):		
TECH 131 F	Basic Electricity and Basic Electronics	2
THEA 091 F	Video and Scenic Projection for the Theatre	2
THEA 094 F	Systems Maintenance and Troubleshooting for Theatre	2
THEA 141 F	Introduction to Technical Theatre	4
THEA 143 F	Stagecraft	4
THEA 160 F	Introduction to Sound Technology	3
THEA 170 F	Beginning Theatrical Lighting (formerly THEA 144 F)	3
THEA 244 F	Intermediate Theatrical Lighting	3
Required Stage Crew Activity (1.5 units)		1.5
(Courses, taken as (Corequisites for THEA 160, 170, and 244)		
THEA 153 F	Introduction to Stage Crew Activity (formerly THEA 149 F)	0.5
THEA 159 F	Beginning Stage Crew Activity	0.5
THEA 249 F	Intermediate Stage Crew Activity	0.5
Required Production Courses (5 units):		5
THEA 130 F	Acting Workshop	3
THEA 131 F	Theatre Workshop	1-3
THEA 134 F	Beginning Theatre Practicum (formerly THEA 133 F)	1-2
THEA 135 F	Resident Theatre Company	0.5-3
THEA 139 F	Beginning Musical Theatre Concert Production	1
THEA 177 F	Beginning Director's Practicum	0.5-3
THEA 178 F	Beginning Musical Theatre Production	0.5-3
THEA 233 F	Intermediate Theatre Practicum	1-2
THEA 235 F	Experimental Theatre	2
THEA 239 F	Intermediate Musical Theatre Concert Production	1
THEA 277 F	Intermediate Director's Practicum	0.5-3
THEA 278 F	Intermediate Musical Theatre Production	0.5-3
Restricted Electives (4 units):		4
CIS 170 F	Cisco Networking 1	3
CIS 180 F	Introduction to Networking Concepts	4
CIS 281 F	Introduction to Networking Hardware	3
DRAF 171 F	Fundamentals of Drafting	2
IDES 210 F	Fundamentals of Lighting	3
THEA 090 F	Introduction to Advanced Topics in Theatre Technology	2-6

THEA 093 F	Rigging for the Theatre	1
Total Units		33.5

Outcome 1: Identify and explain the documentation required to implement the lighting for a theatrical production.

Outcome 2: Operate and evaluate theatrical lighting equipment by participating in the practices of hanging, circuiting and focusing for actual productions.

Outcome 3: Relate and explain the processes inherent in the theatrical lighting design process.

Outcome 4: Identify, describe, and define terminology commonly associated with theatrical lighting.

Outcome 5: Analyze and evaluate the lighting requirements of a play or musical.

Outcome 6: Recognize and apply various methodologies to safely troubleshoot lighting, sound, rigging, scenic, and show control equipment.

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