

**Engineering Technology – Theatre**

CERTIFICATE OF ACHIEVEMENT (CA)

REQUIRED CREDITS: 31

DEGREE CODE: ETTHTR-CT

**DESCRIPTION**

The Certificate of Achievement in Engineering Technology, Theatre is an 18-month program that provides students with classroom and laboratory experience in electricity, mechanical power transmission, fluid power and related design activities in theater technology. The Theatre Technology emphasis focuses on those skills used in theater and entertainment environment. The graduates of the program will be qualified to assume technical positions in the theater technology field, especially in the local area.

**STUDENT LEARNING OUTCOMES**

- Obtain relevant up-to-date and applied knowledge and skills to set-up, maintain, upgrade and troubleshoot the equipment used in a theater environment.
- Demonstrate how to be effective in their technical roles as a theater technician.
- Show the necessary skills to design, assemble and operate various fluid power systems and perform basic system calculations.
- Develop skills through design and operation of mechanical power transmission systems and prepare technical reports and communicate the results through effective oral communications.

**PLEASE NOTE** - The courses listed below may require a prerequisite or corequisite. Read course descriptions before registering for classes. All MATH and ENG courses numbered 01-99 must be completed before reaching 30 total college-level credits. No course under 100-level counts toward degree completion.

**GENERAL EDUCATION REQUIREMENTS (3 CREDITS)**

**COMMUNICATIONS (3-5 credits)**

Choices: COM 115 or ENG 100 or 101 or 107 or 113  
 Recommended: COM 115 Applied Communication

**SPECIAL PROGRAM REQUIREMENTS (28 CREDITS)**

**CORE REQUIREMENTS (25 credits)**

ADT 100B	Introduction to Drafting Theory	3
CADD 100	Introduction to Computer Aided Drafting	3
ET 104B	Fabrication and Soldering Techniques	2
MT 101B	Introduction to Theater Technology	2
MT 102B	Fundamentals of Electricity	4
MT 104B	Industrial Electricity	4
MT 106B	Mechanical Power Transmission	4
THTR 204	Theatre Technology I	3

**Digital Literacy Requirement (0-3 credits)**

IS 100B	Core Computing Competency	0
IS 101	Introduction to Information Systems	3

**ELECTIVES (choose 3-4 credits)**

MT 108B	Fluid Power (Pneumatics, Hydraulics, Instrumentation)	4
MT 183B	Co-Op/Internship Third Semester	3

Computation included in MT 102B, 104B

Human Relations included in MT 101B

**FULL-TIME STUDENT DEGREE PLAN**

*Add more semesters to modify this plan to fit part-time student needs.*

<b>FIRST SEMESTER</b>	<b>Credits</b>
ADT 100B Introduction to Drafting Theory	3
MT 101B Introduction to Theater Technology	2
MT 102B Fundamentals of Electricity	4
MT 106B Mechanical Power Transmission	4
<b>TOTAL CREDITS</b> .....	<b>13</b>

<b>SECOND SEMESTER</b>	<b>Credits</b>
COM 115 Applied Communication	3
CADD 100 Introduction to Computer Aided Drafting	3
MT 104B Industrial Electricity	4
THTR 204 Theatre Technology I	3
<b>TOTAL CREDITS</b> .....	<b>13</b>

<b>THIRD SEMESTER</b>	<b>Credits</b>
ET 104B Fabrication and Soldering Techniques	2
IS 100B or IS 101 <sup>1</sup>	0-3
MT 108B or MT 183B or THTR 214	3
<b>TOTAL CREDITS</b> .....	<b>5-8</b>

**DEGREE PLAN TOTAL CREDITS.....31-34**

<sup>1</sup>IS 100B is a certification test, if certification test isn't passed, student must take IS 101. The student can always bypass IS 100B and just take IS 101.

- NOTE**
- Course numbers with the “B” suffix may be non-transferable for a NSHE baccalaureate degree.
  - Course numbers with the “H” suffix are designated Honors-level courses and can be used to fulfill equivalent general education requirements. For more information visit [www.csn.edu/honors](http://www.csn.edu/honors).
  - In no case, may one course be used to meet more than one requirement except for the Values and Diversity general education requirement (only AA, AS, and AB degrees) which may be used to fulfill the corresponding general education or emphasis requirement.
  - Students may elect to graduate using the degree requirements in effect at the time of matriculation, or when they declared or changed major or the current catalog. If a program is official after a student has matriculated, the student may choose the degree requirements of the new program. In no case may a student use a catalog which is more than six years old at the time of graduation.

