

ASSOCIATE OF APPLIED SCIENCE DEGREE (AAS)

This degree provides students with classroom and laboratory experience in electricity, mechanical power, and fluid power systems. The Theater Technology emphasis focuses on those skills used in entertainment environment. Academic courses emphasizing relevant math, science and human relations are stressed to prepare students to meet challenges common in the theater environment. The effective combination of theoretical courses and hands-on experience gained through Co-Op enhances student's ability to secure employment as well as future professional growth in theater technology.

STUDENT LEARNING OUTCOMES - Graduates of this program will have the opportunity to:

- Show the necessary skills to design, assemble, and operate different fluid power systems and perform basic system calculations.
- Demonstrate a working knowledge of how to be effective in their technical roles as a theater technician.
- Obtain relevant up-to-date and applied knowledge and skills to set-up, upgrade and troubleshoot the equipment used in theater environment.
- Develop teamwork skills through design and operation of various mechanical power transmission systems and show potential to accept supervisory responsibilities as a manager.

GENERAL EDUCATION REQUIREMENTS (27 Credits):

Continued from previous column.

	CR	SEMESTER		CR	SEMESTER
COMMUNICATIONS: BUS 108, COM 101, 115	3	_____	MT 101B Introduction to Theater Technology	2	_____
ENGLISH: ENG 100, 101, 107, 113	3-5	_____	MT 104B Industrial Electricity	4	_____
HUMAN RELATIONS: ALS 101, ANTH 101, 112, 201, 205, HIST 105, 106, 107, 150, 151, 210, 247, 260, HMS 130, 135B, 265B, MGT 100B, 283, PHIL 135, PSC 201, PSY 101, 102, 207, 208, 261, SOC	3	_____	MT 106B Mechanical Power Transmission	4	_____
MATHEMATICS: MATH 111B, 116, 120, 124, 126, 127 or higher	3	_____	MT 108B Fluid Power (Pneumatics, Hydraulics, Instrumentation)	4	_____
SCIENCE: EGG 131 and MT 102B or ET 131B	8	_____	THTR 204 Theater Technology I	3	_____
FINE ARTS/HUMANITIES/ SOCIAL SCIENCES: MUS 231	3	_____	THTR 214 Theater Technology II	3	_____
U.S. AND NEVADA CONSTITUTIONS: PSC 101 or HIST 101 and HIST 102 or HIST 101 and HIST 217	4-6	_____	WELD 132B Oxy/Fuel, Plasma and Carbon Arc-Air Cutting Operations	2	_____

Plus at least 6 credits from the following:

ET 106B Test Equipment Operation	3	_____
ET 132B AC for Electronics	4	_____
MT 110B Material Science I (Ferrous and Non-Ferrous)	4	_____
MT 115B Programmable Logic Controllers I	3	_____
MT 116B Programmable Logic Controllers II	3	_____
MT 183B Co-Op/Internship Third Semester	3	_____
MT 184B Co-Op/Internship Fourth Semester	3	_____
WELD 131B Blueprint Reading, Layout, and Sketching	3	_____
WELD 133B SMAW (Stick)	4	_____
WELD 134B GTAW (Tig)	4	_____

SPECIAL PROGRAM REQUIREMENTS (36 Credits):

	CR	SEMESTER
ADT 100B Introduction to Drafting Theory	3	_____
CADD 100 Introduction to Computer Aided Drafting	3	_____
ET 104B Fabrication and Soldering Techniques	2	_____
IS 100B Core Computing Competency or IS 101 Introduction to Information Systems	0-3	_____

Continued in next column.

NOTE: Courses with a B suffix (example - XYZ 123B) may be non-transferable for a NSHE baccalaureate degree. ETTHTR-AAS

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Total Credits

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.

Guided Pathway
Associate of Applied Science Degree
Engineering Technology – Theater Technology
Total Credits – 63 credits

First Semester	Requirement	Credit Hours	Term
Introduction to Theater Technology	MT 101B	2	
Fabrication and Soldering Techniques	ET 104B	2	
Science	MT 102B or ET 131B	4	
Mathematics	MATH 111B, 116, 120, 124, 126, 127 or higher	3	
Introduction to Computer Aided Drafting	CADD 100	3	
	TOTAL	14	
Second Semester	Requirement	Credit Hours	Term
Theater Technology I	THTR 204	3	
Industrial Electricity	MT 104B	4	
Introduction to Drafting Theory	ADT 100B	3	
English	ENG 100, 101, 107, 113	3	
Oxy/Fuel, Plasma and Carbon Arc-Air Cutting Operations	WELD 132B	2	
	TOTAL	15	
Summer Session	Requirement	Credit Hours	Term
Human Relations	Courses per Degree Sheet	3	
Communications	BUS 108, COM 101, 115	3	
	TOTAL	6	
Third Semester	Requirement	Credit Hours	Term
Theater Technology II	THTR 214B	3	
Mechanical Power Transmission	MT 106B	4	
Fine Arts/Humanities/Social Sciences	MUS 231	3	
Electives	ET 106B, ET 132B, MT 110B, MT 115B, MT 116B, MT 183B, WELD 131B, 133B, 134B	3	
Prove Core Computer Competency	With either IS 100B (0 credit test) or IS 101 (3 credits)	0	
	TOTAL	13	
Fourth Semester	Requirement	Credit Hours	Term
Electives	ET 106B, ET 132B, MT 110B, MT 115B, MT 116B, MT 183B, WELD 131B, 133B, 134B	3	
Science	EGG 131	4	
Fluid Power (Pneumatics, Hydraulics, Instrumentation)	MT 108B	4	
U.S. & NV Constitutions	PSC 101 or HIST 101 and HIST 102 or HIST 101 and HIST 217	4	
	TOTAL	15	
	Degree TOTAL	63	

More detailed information can be found on the ET Web page at <http://www.csn.edu/et>