

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:

- Demonstrate 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.
- Demonstrate 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 (26 Credits):

	CR	SEMESTER
COMMUNICATIONS: BUS 108, COM 101	3	_____
ENGLISH: ENG 100, 101, 107, 113	3-5	_____
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	_____
MATHEMATICS: MATH 111B, 116, 120, 124, 126, 127 or higher	3	_____
SCIENCE: EGG 131, ENV 101, GEOL 101	7	_____
FINE ARTS/HUMANITIES/ SOCIAL SCIENCES: MUS 231	3	_____
U.S. AND NEVADA CONSTITUTIONS: PSC 101 or HIST 101 and HIST 102 or HIST 101 and HIST 217	4-6	_____

SPECIAL PROGRAM REQUIREMENTS (40 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	_____
MT 101B Introduction to Theater Technology	2	_____
MT 102B Fundamentals of Electricity	4	_____
MT 104B Industrial Electricity	4	_____
MT 106B Mechanical Power Transmission	4	_____
MT 108B Fluid Power (Pneumatics, Hydraulics, Instrumentation)	4	_____
THTR 204 Theater Technology I	3	_____
THTR 214 Theater Technology II	3	_____
WELD 132B Oxy/Fuel, Plasma and Carbon Arc-Air Cutting Operations	2	_____
Plus 6 credits from the following:		
ET 106B Test Equipment Operation	3	_____
ET 132B AC for Electronics	4	_____
IS 101 Introduction to Information Systems	3	_____
MT 110B Material Science I	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	_____

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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.

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