

ASSOCIATE OF APPLIED SCIENCE DEGREE (AAS)

This degree program builds the skills required to produce professional and quality residential architectural designs. The core curriculum is a sequence of lecture/lab courses that stress the theory and method of detailing, drafting and designing residential buildings. Graduates can seek employment at residential design and architectural firms. Along with special program courses, academic skills emphasizing related math, science and human relations components are stressed to prepare students to meet the challenges common in the workplace.

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

- Comprehend and utilize design standards and skills specific to the architecture profession.
- Comprehend and utilize building codes appropriately in the design of residential buildings.
- Comprehend building systems, to include: structural, plumbing, electrical, mechanical and utilize their role in the production of architectural working drawings and construction documents.
- Organize and produce a set of architectural working drawings for a residential building.
- Comprehend and utilize design principles, to include: site context, user needs, climate conditions and other environmental conditions through assigned residential design projects.

GENERAL EDUCATION REQUIREMENTS (28 Credits):

	CR	SEMESTER
COMMUNICATIONS: BUS 108, COM 101, 102, 215, ENG 100, 101, 102, 107, 113, 114, 205, JOUR 102, THTR 105	3-5	_____
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, PHIL 135, PSC 201, PSY 101, 102, 207, 208, 261, SOC	3	_____
MATHEMATICS: MATH 126 and 127 or MATH 128	5-6	_____
SCIENCE: GEOG 103, PHYS 151	7	_____
FINE ARTS/HUMANITIES/ SOCIAL SCIENCES: ART 101	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 (44 Credits):

	CR	SEMESTER
AAD 180 Fundamentals of Design I	3	_____
AAD 182 Fundamentals of Design II	3	_____
AAE 100 Introduction to Architecture	3	_____
ADT 100B Introduction to Drafting Theory	3	_____
ADT 103B Urban Planning	3	_____
ADT 107B Architectural Residential Codes	2	_____
ADT 114B History of the Built Environment	3	_____
ADT 201B Introduction to Building Information Modeling	3	_____
ADT 205B Architectural Environmental Control Systems	3	_____
ADT 210B Residential Structural Technology	3	_____
ADT 280B Architectural Residential Design	3	_____
ADT 282B Architectural Residential Design II	3	_____
CADD 105 Intermediate Computer Aided Drafting	3	_____
CONS 108B Construction Materials and Methods	3	_____
CONS 120B Printreading and Specifications	3	_____

72
Total Credits

**ASSOCIATE OF
APPLIED SCIENCE**

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.