

ASSOCIATE OF APPLIED SCIENCE DEGREE (AAS)

This degree prepares students to inspect and oversee construction of commercial and residential buildings, to include sustainable (green) construction. Students learn proper procedures and materials that comply with plans, specifications, building codes and the LEED rating system. Students are prepared for employment as construction estimators, project managers, green specialist and other supervisory positions in the construction industry.

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

Construction Management:

- Comprehend items, elements or systems in a construction project by manually and visually identifying what is necessary for its construction, accurately calculate the quantities needed and estimate digitally by computer its total installed cost.
- Describe the structure of the Nevada court system, identify the main elements and key dates of Nevada lien laws and describe the main elements of an enforceable construction contract.

Sustainable Construction:

- Comprehend green building construction and describe the role of USGBC, LEED standards and the LEED rating system.
- Compare the advantages of utilizing green construction materials over the more conventional construction materials.

GENERAL EDUCATION REQUIREMENTS (26 Credits):

	CR	SEMESTER
COMMUNICATIONS: ENG 107	3	_____
ENGLISH: ENG 100, 101, 113	3-5	_____
HUMAN RELATIONS: PHIL 135	3	_____
MATHEMATICS: MATH 126	3	_____
SCIENCE: GEOG 103, and PHYS 151	7	_____
FINE ARTS/HUMANITIES/ SOCIAL SCIENCES: COM 101	3	_____
U.S. AND NEVADA CONSTITUTIONS: PSC 101 or HIST 101 and HIST 217	4-6	_____

SPECIAL PROGRAM REQUIREMENTS (42 Credits):

	CR	SEMESTER
ADT 130B Fundamentals of Green Architecture	3	_____
CONS 108B Construction Materials and Methods	3	_____
CONS 120B Printreading and Specifications	3	_____
CONS 121B Principles of Construction Estimating	3	_____
CONS 205B Construction Site Safety OSHA Standards	3	_____
CONS 282B Construction Law	3	_____
CONS 286B Construction Management and Analysis	3	_____
SCT 101B Fundamentals of Sustainable Construction	3	_____

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	CR	SEMESTER
CONSTRUCTION MANAGEMENT:		
ACC 201 Financial Accounting	3	_____
BI 101B Introduction to Building Codes	4	_____
BUS 101 Introduction to Business	3	_____
CONS 221 Construction Estimating II	3	_____
CONS 281B Construction Planning, Scheduling and Control	3	_____
CONS 284B Construction Contract Documents	3	_____
SUSTAINABLE CONSTRUCTION TECHNOLOGY:		
SCT 105B Green Building Trade Systems	3	_____
SCT 113B Energy Efficiency Theory and Applications	3	_____
SCT 201B Sustainable Construction of New Buildings	3	_____
SCT 202B Sustainable Construction of Existing Buildings	3	_____
SCT 210B Sustainable Technology	3	_____
SCT 290B Legal Development of Sustainable Construction	3	_____

Continued in next column.

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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Total Credits

ASSOCIATE OF APPLIED SCIENCE