

**ASSOCIATE OF APPLIED SCIENCE DEGREE (AAS)**

This degree prepares students to oversee construction of buildings, dams, bridges and highways. Students learn proper procedures and materials that comply with plans, specifications and building codes. Students are prepared for employment as construction estimators, project managers and other supervisory positions in the construction industry. Academic skills emphasizing math, science and human relations components are stressed to help students meet the challenges common in the workplace.

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

- 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.
- Comprehend where the various construction materials come from, how they are produced, what the material's general properties are and what is the method of installation.
- Comprehend the construction field administration phase, to include: describing contract documents, construction schedules, submittals, and reports and close-out elements.

**GENERAL EDUCATION REQUIREMENTS (28 Credits):**

	CR	SEMESTER
<b>COMMUNICATIONS:</b> ENG 107	3	_____
<b>ENGLISH:</b> ENG 100, 101, 113	3-5	_____
<b>HUMAN RELATIONS:</b> PHIL 135	3	_____
<b>MATHEMATICS:</b> MATH 126 and 127 or MATH 128	5-6	_____
<b>SCIENCE:</b> EGG 131 or PHYS 151 and GEOG 103	7	_____
<b>FINE ARTS/HUMANITIES/ SOCIAL SCIENCES:</b> PSY 101, SOC 101	3	_____
<b>U.S. AND NEVADA CONSTITUTIONS:</b> PSC 101 or HIST 101 and HIST 102 or HIST 101 and HIST 217	4-6	_____

**SPECIAL PROGRAM REQUIREMENTS (40 Credits):**

	CR	SEMESTER
<b>ACC 201</b> Financial Accounting	3	_____
<b>BI 101B</b> Introduction to Building Codes	3	_____
<b>BUS 101</b> Introduction to Business	3	_____
<b>CONS 108B</b> Construction Materials and Methods	3	_____
<b>CONS 120B</b> Blueprint Reading and Specifications	3	_____
<b>CONS 121B</b> Principles of Construction Estimating	3	_____
<b>CONS 205B</b> Construction Site Safety	3	_____
<b>CONS 221</b> Construction Estimating II	3	_____
<b>CONS 281B</b> Construction Planning, Scheduling and Control	3	_____
<b>CONS 282B</b> Construction Law	3	_____
<b>CONS 284B</b> Construction Contract Documents	3	_____
<b>CONS 286B</b> Construction Management and Analysis	3	_____
<b>SUR 161</b> Elementary Surveying	4	_____

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.