

ASSOCIATE OF APPLIED SCIENCE DEGREE (AAS)

This degree prepares students to inspect and oversee construction of residential and commercial buildings. Students learn proper procedures and materials that comply with plans, specifications and building codes. Students are prepared for employment as plan reviewers, building, mechanical, plumbing, electrical and fire code inspectors. 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 the history and development of the various building codes.
- Comprehend the administrative provisions of the building codes.
- Comprehend the building inspector’s responsibilities.
- Comprehend and utilize the various codes, to include the different tables.
- Comprehend the various fire ratings, protection and prevention techniques.

GENERAL EDUCATION REQUIREMENTS (25 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 | _____ |
| HUMAN RELATIONS: ALS 101, ANTH 101, 112, 201, 205 HIST 105, 106, 150, 151, 210, 247, 260 HMS 130, 135, 265, MGT 100B, 283, PHIL 135, PSC 201, PSY 101, 102, 207, 208, 261, SOC | 3 | _____ |
| MATHEMATICS: MATH 116 or above (except MATH 122, 123) | 3 | _____ |
| SCIENCE: AST, BIOL, CHEM, EGG 131, 132, ENV, GEOG 103, 104, 117, GEOL, HHP 123B, 124B, PHYS | 6 | _____ |
| FINE ARTS/HUMANITIES/ SOCIAL SCIENCES: AM, ANTH, ART, COM, ECON, ENG 223 or above, GEOG 106 or above, HIST, International Languages, Music, PHIL, PSC, PSY, SOC, THTR, WMST 113 | 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 (43 Credits):

| | CR | SEMESTER |
|---|-----------|-----------------|
| ADT 103B Urban Planning | 3 | _____ |
| BI 100B Introduction to Residential Electrical Codes | 3 | _____ |
| BI 101B Introduction to Building Codes | 4 | _____ |
| BI 102B Introduction to Electrical Codes | 3 | _____ |
| BI 103B Introduction to Plumbing Codes | 3 | _____ |
| BI 104B Introduction to Mechanical Codes | 3 | _____ |
| BI 105B Introduction to Residential Building Codes | 2 | _____ |
| BI 107B Introduction to the Energy Conservation Code | 1 | _____ |
| BI 110B Structural Inspections | 3 | _____ |
| BI 113B Introduction to Fire Codes | 3 | _____ |
| BI 115B Code Administration | 3 | _____ |
| BI 130B Building Code Plan Review | 3 | _____ |
| BI 201B Capstone Course IBC/IRC | 1 | _____ |
| BI 202B Capstone Course NEC | 1 | _____ |
| BI 203B Capstone Course IPC/IMC | 1 | _____ |
| CONS 108B Construction Materials and Methods | 3 | _____ |
| CONS 120B Printreading and Specifications | 3 | _____ |

ASSOCIATE OF APPLIED SCIENCE

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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.