

ASSOCIATE OF SCIENCE IN CONSTRUCTION INSPECTION (AS)

This degree prepares students for entry-level employment in the field of Construction Inspection through the study of residential and commercial building codes, residential and commercial inspections. Students will acquire skills in inspection of foundations, walls, roofs, mechanical systems, electrical systems, and life safety functions.

Program Outcomes

- Demonstrate the ability to conduct residential inspections.
- List the inspections necessary, given a set of residential plans, to complete the residential inspection process with an accuracy of 75 percent.
- Understand the process of becoming a certified inspector and the levels of certification.

Career Opportunities

Upon successful completion of this degree, students will be prepared for careers or employment in the following fields: building inspection at local building levels, state and municipal building levels, home inspection, project-level inspection.

Note

This degree is not designed for transfer; however, the courses included in this degree may be transferable and apply to other degrees designed for transfer.

Program Requirements

Code	Title	Units
GENERAL EDUCATION AND SUBJECT REQUIREMENTS		25
College of the Sequoias' Associate Degree General Education (COS-GE) *		
REQUIRED MAJOR COURSES		18
CT 109	Residential Codes and Inspect	3
CT 132	Basic Building System & Codes	3
CT 271	Life Safety for Construction	3
CT 273	Electrical Codes	3
CT 275	Plumbing Inspection	3
CT 277	Structural Inspection	3
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RESTRICTED ELECTIVES		6-8
Select two of the following courses:		
CT 100	Const Draw & Design Analysis 1	4
CT 101	Const Draw & Design Analysis 2	4
CT 105	Computer Asst. Const. Theory	4
CT 205	Plumbing Installation & Design	3
CT 262	Cabinet and Furniture Const.	4
CT 270	Residential Wiring	3
COMP 005	Computer Concepts *	4
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ELECTIVES	6-8
Select additional degree applicable courses numbered 1-299 to achieve 60 units.	
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TOTAL	60

- * Courses meet General Education requirements and 0-3 units may double count above in COS-GE.

The Associate Degree requirements include completion of the:

1. Required major courses and restricted elective courses with a "C" or better grade in each course (required and restricted elective courses may be substituted with the approval of the Division Chair),
2. General Education requirements,
3. Subject requirements including PE, Health & Wellness, and American Institutions, and
4. A minimum of 60 units of degree applicable courses numbered 1-299, at least 12 of which must be taken in residence at College of the Sequoias, with a "C" (2.0) average (see Associate Degree Requirements (<https://catalog.cos.edu/associate-degree-requirements/>) for additional details).