

CHEMEKETA COMMUNITY COLLEGE - AAS

Building Inspection Technology Program

go.chemeketa.edu/buildinginspection

The Building Inspection Technology Associate of Applied Science (AAS) degree is a two-year (seven-term) program for those interested in employment as a building inspector or plans examiner in residential and/or commercial construction. Opportunities for employment depend upon experience and certifications. There is a need for certified building inspectors and plans examiners working for public and private agencies.

The curriculum covers technical and general education courses as you work toward an Associate of Applied Science degree. Classes in building codes, plan review, inspection techniques, and construction materials are complemented by courses in mathematics, communication skills, and public relations. Throughout the year, students are encouraged to attend professional educational conferences for code professionals at an additional cost. Students who complete the program may be eligible to receive vouchers to cover the cost of some certification tests; others will be at an additional cost.

Cooperative Work Experience (CWE) is a required component of the program. The CWE allows you to gain valuable work experience in the field while you earn college credit. After completion of three terms and with the approval of the Program Chair, you may enroll in BLD280B-L Cooperative Work Experience and earn college credit hours (40 hrs/week for 10 weeks during Term 4/summer) . For more information, look under Cooperative Work Experience in the catalog index.

The degree can be completed in 21 months if a student attends full time. However, there are entry-level skill expectations for reading, writing, and mathematics. The length of time taken to complete the program will depend on student skills in these areas. Students should meet with a Chemeketa advisor to assess the time they will need to complete the program.

This program has special admission requirements and enrollment limits. For additional information, contact the Admissions Office at 503.399.5006 or the Dallas Center at 503.623.5567.

BIT AAS Program Outcomes

Students completing the degree should be able to:

- Identify various jobs and associated work performed in a building department to gain employment.
- Navigate various code books to locate the appropriate section related to the specific construction practices.
- Perform inspections of buildings at various stages of construction and write correction notices and reports referencing current building codes.
- Identify different building materials and methods of construction currently used in the building industry.
- Perform paper and electronic plan reviews, using proper procedures to mark up plans and write correction notices.
- Be prepared to take International Code Council (ICC) Codes Certification tests.



Building Inspection Technology Associate of Applied Science

Classes are primarily held remotely through the Chemeketa Polk Center in Dallas, OR. Estimated costs for this year's (2021-2022) students who complete the required courses listed below are; Tuition and universal fees, \$13,200; class fees, \$2,040; books, \$2,700; equipment and supplies, \$375. Contact the Financial Aid Office at 503.399.5018 to find out if you qualify for help with these costs (**estimated cost total = \$18,315**).

You may earn an Associate of Applied Science degree by successfully completing these 100 required credit hours with a grade of "C" or better in all courses.

<u>Course</u>	<u>Title</u>	<u>Credit Hours</u>
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Term 1

BLD141	International Residential Code 1	3
BLD151	Building Codes 1	3
BLD158	Construction Materials and Blueprints.....	2
CIS101	Intro to Microcomputer Apps.....	3
OR		
BA131	Business Computing	3
MTH052	Intro to Algebra/Geometry (or higher).....	3

Term 2

BLD142	International Residential Code 2	3
BLD152	Building Codes 2	3
BLD165	Residential Inspection	3
BLD181	Mechanical Codes 1.....	3
FE205B	Resumes and Job Search Correspondence	1
MTH053	Intro to Trigonometry/Geometry (or higher)	3

Term 3

BLD153	Building Codes 3	3
BLD166	Commercial Inspection	3
BLD170	ADA Accessibility Code	3
BLD182	Mechanical Codes 2.....	3
BLD193A	Building Inspection Lab.....	2

Term 4

BLD280L	Cooperative Work Experience (summer term).....	12	(40 hrs/week for 10 weeks during second year)
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Term 5

BLD260	Fire Protection for Buildings	4
BLD268	Foundations, Excavation and Grading	3
BLD269	Engineering for Code Professionals 1	4
PSY104	Workplace Psychology.....	4

Term 6

BLD155	Building Department Administration	4
BLD267	Plan Review 1	3
BLD270	Engineering for Code Professionals 2	4
WR088	Introduction to Technical Writing 1	3
OR		
WR121	Academic Composition (or higher).....	4

Term 7

BLD255	Building Department Administration 2.....	4
BLD266	Plan Review 2	3
BLD273	International Fire Codes	3
BLD290	Capstone.....	2
WR089	Introduction to Technical Writing 2.....	3
or		
WR227	Technical Writing.....	4

TOTAL CREDITS..... 100