

# Building Inspection Technology

[buildinginspection.chemeketa.edu](http://buildinginspection.chemeketa.edu)

The Building Inspection Technology Associate of Applied Science (AAS) program has a two-year (seven-term) program for those new to and experienced in the field. As a graduate, you may qualify for State of Oregon and international certification as a building inspector or plans examiner at the residential and/or commercial level, depending upon your experience and tests taken. The certification tests are all an additional cost.

There is a need for certified building inspectors and plans examiners working for public and private agencies. If you have some experience in the field, you may qualify after you graduate as a construction manager or clerk-of-the-works, or perform similar functions in other jobs.

The curriculum covers technical and general education courses. Classes on various codes, plan review, inspection techniques, and construction materials are complemented by courses in mathematics, communication skills, and public relations. At the end of winter term each year, students are encouraged to attend an educational conference at an additional cost. You may work toward an Associate of Applied Science degree.

You may be interested in our Cooperative Work Experience program, which allows you to earn college credit for work you do relating to your program. With the approval of the program chair, you may enroll in BLD280B-L Cooperative Work Experience and earn college credit hours. For more information, look under Cooperative Work Experience in the catalog index. Cooperative work experience is a requirement of this degree.

The degree program can be completed in 21 months if you attend full time. However, there are entry-level expectations for skill levels in reading, writing, and mathematics. The length of time you take to complete the program will depend on your skills in these areas. To assess the time you will need to complete the program, please meet with the program chair.

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

## Program outcomes

### Students completing the AAS will:

- Identify various jobs and associated work performed in a building department to gain employment.
- Use appropriate interpersonal communication skills to achieve code compliance.
- Perform inspections of buildings at various stages of construction and write correction notices and reports referencing current building codes.
- Be prepared to take State of Oregon OIC, MHI, PCI and International Code Council (ICC) Codes Certification tests.
- Identify different building materials and methods of construction currently used in the building industry.
- Read and interpret blueprints and assess their compliance to the various codes.

## Building Inspection Technology Associate of Applied Science

*In addition to tuition, estimated costs for students who complete the entire program listed below are books, \$2,345; class fees, \$258; universal fee, \$840; equipment and supplies, \$375. Contact the Financial Aid Office at 503.399.5018 to find out if you qualify for help with these costs.*

You may earn an Associate of Applied Science degree by successfully completing these 105 required credit hours with a grade of "C" or better in all courses.

Course	Title	Credit Hours
<b>Term 1</b>		
BLD151	Building Codes 1.....	3
BLD159A	Materials of Construction.....	3
BLD160	Construction Print Reading.....	2
BLD193A	Building Inspection Lab.....	2
COM051	Communication Skills 1+.....	3
	or	
WR121	English Composition—Exposition+ (or higher).....	3
CIS101	Introduction to Microcomputer Applications.....	3
MTH052	Introduction to Algebra and Geometry+ (or higher).....	3
<b>Term 2</b>		
BLD152	Building Codes 2.....	3
BLD161	Structural Inspection—Wood.....	3
BLD181A	Mechanical Codes 1.....	3
BLD193B	Building Inspection Lab.....	2
FE205B	Resumes and Job Search Correspondence.....	1
MTH053	Introduction to Trigonometry with Geometry (or higher).....	3

## Chemeketa Community College

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**Term 3**

BLD153	Building Codes 3.....	3
BLD155	Building Department Administration .....	3
BLD182A	Mechanical Codes 2.....	3
BLD193C	Building Inspection Lab.....	2
BLD263	Structural Inspection—Concrete .....	3
COM053	Technical Report Writing .....	3
	or	
WR227	Technical Writing.....	3

**Term 4**

BLD280L	Cooperative Work Experience (summer term) .....	12
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**Term 5**

BLD162	Structural Inspection--Masonry .....	3
BLD193D	Building Inspection Lab.....	2
BLD269	Engineering for the Building Inspector.....	3
BLD291	One- and Two-Family Electrical Code.....	3
	or	
FRP172	International Fire Codes .....	3
BLD292A	International Residential Code (Structural) .....	3

**Term 6**

BLD193E	Building Inspection Lab.....	2
BLD260	Fire Protection for Buildings.....	3
BLD266	Structural Plan Review .....	3
BLD270	Engineering for the Building Inspector 2.....	3
BLD292B	International Residential Code (Mechanical).....	3

**Term 7**

BLD193F	Building Inspection—Lab .....	2
BLD267	Non-Structural Plan Review.....	3
BLD268	Foundations, Excavation and Grading.....	3
PSY101	Psychology of Human Relations+ (or higher) .....	3
	Social Science elective.....	3
	or	
	Humanities/Fine Arts elective .....	3
	or	
ART265	Digital Photography.....	4