

Building Inspection Technology Program

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The Building Inspection Technology Associate of Applied Science (AAS) program 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 your 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 on 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. 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.

The degree program can be completed in 21 months if you attend full time. However, there are entry-level skill expectations for 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 an advisor.

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.

Program outcomes

Students completing the degree should be able to:

- 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, \$2,980; class fees, \$1,866; universal fee, \$1,358; 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 97 required credit hours with a grade of "C" or better in all courses.

Course	Title	Credit Hours
Term 1		
BLD151	Building Codes 1.....	3
BLD158	Construction Materials and Blueprints	2
BLD292	International Residential Code (Structural).....	3
CIS101	Introduction to Microcomputer Applications.....	3
MTH052	Introduction to Algebra and Geometry+ (or higher).....	3
Term 2		
BLD152	Building Codes 2.....	3
BLD161	Structural Inspection 1.....	3
BLD181	Mechanical Codes 1.....	4
FE205B	Resumes and Job Search Correspondence	1
MTH053	Introduction to Trigonometry with Geometry (or higher).....	3



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Term 3	
BLD153	Building Codes 3..... 3
BLD163	Structural Inspection 2..... 3
BLD170	ADA Accessibility Code 3
BLD182	Mechanical Codes 2..... 4
BLD193A	Building Inspection Lab..... 2
Term 4	
BLD280L	Cooperative Work Experience (summer term) 12
Term 5	
BLD268	Foundations, Excavation, and Grading 3
BLD269	Engineering for Code Professionals 1 4
PSY104	Workplace Psychology 4
WR088	Introduction to Technical Writing 1+ 3
	or
WR121	The College Essay+ (or higher) 4
Term 6	
BLD155	Building Department Administration 1+ 4
BLD266	Structural Plan Review 3
BLD270	Engineering for Code Professionals 2 4
FRP172	International Fire Codes..... 3
Term 7	
BLD255	Building Department Administration 2 4
BLD260	Fire Protection for Buildings..... 4
BLD267	Non-Structural Plan Review 3
WR089	Introduction to Technical Writing 2 3
	or
WR227	Technical Writing 4

+Meets related instruction requirement, see page 50. For subject areas, see page 56.