



## FIRE-214 – Fire Inspector 2

### Technology

**Effective Term & Year:** Fall 2022

**Course Outline Review Date:** 2026-03-01

**Program Area:** Fire Services

#### Description:

This course is based on NFPA 1031: Standard for Professional Qualifications for Fire Inspector and Plan Examiner. This course delves deeper into the interpretation of applicable codes and standards, covers the procedure involved in various types of inspections and prepares the inspector for the plans review process. It is an advanced level course which covers a wide range of topics some of which are: Inspection Procedure, Building Construction, Occupancy Classification and Means of Egress, Fire Protection, Water Supply Systems, Plans Review, and the Storage of Hazardous Materials.

#### Program Information:

This course can be delivered as a stand-alone course or as part of a specialized contract training program.

**Delivery Methods:** Hybrid – On-campus (Face-to-Face) and Online

**Credit Type:** College of the Rockies Credits

**Credits:** 2

#### Instructional Activity and Hours:

Activity	Hours
Classroom, Directed Studies or Online Instruction	32
Seminar/Tutorials	

Laboratory/Studio	
Practicum/Field Experience	
Co-op/Work Experience	
Other	8
Total	40

### Course Requisites:

- ProBoard or IFSAC 1031 Fire Inspector 1 (Chapter 4) Certification

### Flexible Assessment: No

### Course Transfer Credit:

For information about receiving transfer credit for courses taken at either British Columbia or Alberta institutions, please see <https://www.bctransferguide.ca/> or <https://transferalberta.alberta.ca> . For more transfer credit information, please visit <https://www.cotr.bc.ca/Transfer>

All requests for course transfer credit from institutions in British Columbia or elsewhere should go to the College of the Rockies Enrolment Services office.

### Textbook Resources:

Textbook selection varies by instructor and may change from year to year. At the Course Outline Effective Date the following textbooks were in use:

Jones & Bartlett: Principles and Practice, Revised Enhanced 1st Edition

Fire Inspector 2 Student Manual (Optional)

### Learning Outcomes:

- process a permit application;
- process a plan review application;
- investigate complex complaints;
- recommend modifications to codes and standards of the jurisdiction;
- recommend policies and procedures for the delivery of inspection services;
- compute the maximum allowable occupant load of a multi-use building;

- identify the occupancy classifications of a mixed-use building;
- determine the building's area, height, occupancy classification, and construction type;
- evaluate fire protection systems and equipment provided for the protection of life safety, building, or a facility;
- analyze the egress elements of a building or portion of a building;
- evaluate hazardous conditions involving equipment, processes, and operations;
- evaluate emergency planning and preparedness procedures;
- verify code compliance for storage, handling, and use of flammable and combustible liquids and gasses;
- evaluate code compliance for the storage, handling, and use of hazardous materials;
- determine fire growth potential in a building or space;
- inspect emergency access for a site;
- verify compliance with construction documents;
- classify the occupancy type;
- compute the maximum allowable occupant load;
- review the proposed installation of fire protection systems; and
- verify that mean of egress elements are provided.

### Course Topics:

- Inspection Procedures
- Building Construction
- Occupancy Classification
- Means of Egress
- Fire Protection
- Water Supply Systems
- Plans Review
- Storage of Hazardous Materials

## Evaluation and Assessments

### Assessment Type: On-Campus (face-to-face) and Online, or Hybrid

Assessment Type	% of Total Grade
Projects and practical assessments	50%
Final Exam	50%
Total	100%

## Grade Scheme

COM	NCG
Completed to the defined standard – 70% and higher	No credit granted – less than 70%

**Evaluation Notes Comments:**

Successful completion requires that the candidate perform to a minimum 70% competency on the examination, and successfully complete a skills/project evaluation to a minimum of 70% competency and successful completion of all critical points. Evaluators will test at least 25% of the skills for each. Skill sheets to be tested will be randomly selected by College of the Rockies Fire Program Administrator for the practical examination.

To be issued certification, the candidate will: provide documentation of prerequisites, complete required training hours including skills training, successfully complete the cognitive written exam, and successfully complete the practical exam.

**Exam Attendance:**

Students must attend all scheduled exams at the appointed time and place. Instructors may approve an alternate exam to accommodate an illness or personal crisis. Department heads will consider other written requests. Any student who misses a scheduled exam without prior approval will receive a "0" on the exam.

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**Academic Policies:**

College of the Rockies policies related to courses can be found at <https://cotr.bc.ca/about-us/college-policies/> and include the following:

- Policy 2.4.3 Students with Documented Disabilities
- Policy 2.4.4 Student Conduct (plagiarism, other cheating, behavioral misconduct)
- Policy 2.5.8 Academic Performance
- Policy 2.5.3 Grade Appeal
- Policy 2.4.9 Student Concerns Re Faculty

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**Course Changes:**

The College of the Rockies updates course outlines regularly to meet changing educational, employment and marketing needs. The instructor will notify students in writing of any updates to this outline during the semester. The instructor reserves the right to revise, add or delete material while meeting the learning outcomes of this course outline.