COLLEGE OF
THE ROCKIES

FIRE-106 – Emergency Vehicle Operation

Technology

Effective Term & Year: Fall 2022
Course Outline Review Date: 2026-04-01

Program Area: Fire Services

Description:

This course develops driver skills through knowledge of both physical and vehicle dynamics in relation to vehicle operations. Through a progressive series of driving exercises, students experience conditions often experienced while driving at higher speeds and under emergency conditions. They also learn to respond safely and efficiently to a variety of driving conditions. Both mental and physical driving skills are emphasized.

Program Information:

This course is a required course for the Fire Training Certification program. It may also be delivered as a standalone course or as a part of a specialized contract training program. Successful completion of this course earns a certificate from the International Academy of Professional drivers (IAPD).

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

Credit Type: College of the Rockies Credits

Credits: 1

Instructional Activity and Hours:

Activity	Hours
Classroom, Directed Studies or Online Instruction	8
Seminar/Tutorials	

Laboratory/Studio	
Practicum/Field Experience	8
Co-op/Work Experience	
Other	
Total	16

Course Requisites:

None

Flexible Assessment: Yes

In some cases students may be able to apply for recognition of prior learning outside the classroom. This flexible assessment process provides equivalent course credit. It is a rigorous process that may include external evaluation, worksite assessment, demonstration, standardized test, self-assessment, interview, products/portfolio, and challenge exam, or other measures as appropriate. Tuition fees apply. Contact an education advisor for more information.

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 Columba 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:

International Academy for Professional Driving student manual (or)

International Academy for Professional Driving eLearning program

Learning Outcomes:

- perform driver skills in various simulations that require both vehicle and driver efficiency;
- identify physical and mental aspects of driving with a focus on accident prevention; and
- examine the mechanics and physics of operating large vehicles in emergency and non-emergency situations.

Course Topics:

- Routine Safety Checks
- Offensive and Defensive Driving
- Emergency Runs
- Driving Techniques
- Cornering Techniques
- Applied Steering
- Strategic Driving
- Collision Avoidance and Recovery
- Module Comprehension and Knowledge Testing
- Standards Competency Testing

See instructor syllabus for the detailed outline of weekly readings, activities and assignments.

Evaluation and Assessments

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

Assessment Type	% of Total Grade
Written test with min. score 80% and practical evaluation assessed on a pass/fail basis.	

Grade Scheme

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

Evaluation Notes Comments:

A passing grade is required in both theory and practical skills components in order to be certified by IAPD.

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.

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

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.