



# Board/Authority Authorised Course Commercial Driver Training Program – Level 3B

School District/Independent School Authority Name	Kamloops/Thompson
School District/Independent School Authority Number	#73
Developed by	Ken Rife
Date Developed	December 2013
School Name	NorKam Secondary
Principal's Name (District)	Sheryl Lindquist
Superintendent Approval Date (for School Districts only)	
Superintendent Signature (for School Districts only)	
Board/Authority Approval Date	
Board/Authority Chair Signature	
Course Name	Commercial Driver Training Program – Level 3B
Grade Level of Course	11
Number of Course Credits	4
Number of Hours of Instruction	120
Prerequisite(s)	Level 1



## Special Training

Facilities or Equipment Required:

- Truck simulator
- Training aids
- Air brakes training aids
- Shop
- Work gloves
- Safety vests
- Hard hats
- Safety glasses
- Applicable tools: wrenches, pressure gauges, rubber mallets

## Synopsis

Students will learn the basics of the operation, safety, driving techniques, and other related components of the professional driver occupation. Students will also learn about the profession and how to obtain a professional class license. This course will promote independent thinking and problem solving.

## Rationale

Not only is being a professional truck driver a great profession but there is a massive demand for this highly skilled occupation. A 2013 Conference Board of Canada report concludes that the age of the average truck drivers has increased more rapidly than the age of the average worker due to fewer young workers entering the industry. At the same time, demand for trucking services is projected to increase. By 2020, the gap between supply and demand of drivers is projected to be between 25,000 and 30,000 nationwide. In BC, the gap is anticipated to be between 2,200 and 4,500 depending on the strength of the economy. Because trucking plays an integral service role for so many industries, insufficient supply of truck drivers could have significant negative economic implications for the Canadian economy.

Unit/Topic	Title	Time
Unit 1	Basic Driving Skills	60 Hours
Unit 2	Trip Planning	40 Hours
Unit 3	Hours of Service Requirement	10 Hours
Unit 4	Obtaining a Class 1 B.C. Driver's License	10 Hours
	Total Hours	120



## Unit 1 – Basic Driving Skills

**Objective:** Review all driving skills that the students have learned in this course.

### Curriculum Organizer:

It is expected that students will:

- Review all previous driving skills
- How to practice skills to meet BC Standards

## Prescribed Learning Outcomes

It is expected students will:

1. Demonstrate all skills learned in Levels 1 and Level 2
2. Exhibit personal safety while driving including:
  - Knowing the sign of carbon monoxide poisoning
  - Wearing seatbelts
  - The use of cellphones and other devices
  - Getting proper rest
  - Keeping emotions in check
3. Learn the consequences for impairment including:
  - Criminal code penalties
  - Associated costs of impaired driving
  - Vehicle impoundment
  - Prescribed and over-the-counter drugs
4. Be able to use fire extinguishers

## Unit 2 – Trip Planning

**Objective:** Students will learn trip planning skills such as using road maps, time calculations and itinerary.

### Curriculum Organizer:

It is expected that students will:

- Plan a trip according to the instructional
- Use road maps both paper and electronic
- Calculate loads per axle and gross vehicle weight
- Calculate required time
- Calculate fuel consumption
- Create itinerary

## Prescribed Learning Outcomes

It is expected students will:

1. Demonstrate how to plan a trip using:
  - Dispatching



- Transportation documents including bill of lading and shipping label
  - Vehicle load and size limits guide
  - Fuel consumption charts
2. Demonstrate how to use both paper and electronic format maps
  3. Demonstrate how to calculate:
    - Load per axle
    - Gross vehicle weight
    - Required time using distances, road topography and weather conditions
  4. Fuel consumption
  5. Itinerary with route, restrictions, refuelling, meals, sleep and inspections

### **Unit 3 – Hours of Service Requirement**

**Objective:** Students will learn the rules and regulations governing how many hours drivers may work, when drivers must have rest periods, and the records drivers must keep tracking their hours of work and rest.

#### **Curriculum Organizer:**

It is expected that students will learn:

- The difference between off-duty and on-duty time
- How long you can drive before you must take a break
- Requirement for filling out a logbook
- Describe the hours of service requirements in other jurisdictions

### **Prescribed Learning Outcomes**

It is expected students will:

- Learn the National Safety Code.
- Learn the regulations of hours of service
- Demonstrate examples of on-duty time and off-duty time
- Demonstrate how to fill out a logbook properly
- Learn the requirements in other jurisdictions

### **Unit 4 – Obtaining a Class 1 BC Driver’s License**

**Objective:** Students will learn the specific details on how to obtain a Class 1 Driver’s License in British Columbia.

#### **Curriculum Organizer:**

It is expected that students will learn:

- The steps to get a commercial driver’s license, an air brake endorsement, or a heavy trailer endorsement.



## Prescribed Learning Outcomes

It is expected Students will:

1. Demonstrate how to obtain a Class 1 driver's license
2. Demonstrate how to apply for a Class 1 license
3. Demonstrate knowledge of a pre-trip inspection, road test, and acceptable road test vehicles

## Instructional Component

- Direct instructions
- Group instructions
- Group work
- Modeling
- inquiry
- Guest speakers
- Field work
- Collaborative learning
- Practical training
- Analysis

## Assessment Component

The assessment component will be based on performance standards from each unit. The emphasis will be on formative assessment with summative assessment to be weighted less.

Basic Driving Skills - 50%

Trip Planning - 30%

Hours of service - 10%

Obtaining a Class 1 License - 10%

## Assessment Tools

- Quizzes
- Tests
- Self-assessment and evaluation
- Checklists
- Peer assessment and evaluation
- Projects
- Practical evaluations
- Teacher anecdotal records

## Learning Resources:

1. Quebec Transportation Association (QTA)-Commercial Transport Curriculum
2. QTA Vocational Training Program-Trucking
3. QTA Practice Portfolio 2013-2014-Trucking
4. Canadian Trucking Human Resources Council (CTHRC) National Occupational Standards- Professional Driver (2003)
5. ICBC Driving Commercial Vehicles –A guide for professional drivers-
6. Canadian Trucking Human Resources Council (CTHRC) Professional Driver Occupational Standards-Entry level professional driver
7. Industry Training Authority (ITA)/BCTA Professional Truck Driver Program Outline
8. HRSDC Truck Driver Essential Skill profile description



9. Trucking in BC: An illustrated History by Daniel Francis
10. Get your career on the road-DVD
11. The BC Trucking Industry: Proudly Serving BC...and You-BCTA
12. Curbing Distracted Driving-Teens and Trucks DVD
13. Defeating Distracted Driving DVD
14. Third Choice-DVD produced by the BC Business Council (BCBC)-Book and interactive 4-hour DVD that examines non-university careers. Provides information on more than 100 occupations. Include information on the Transportation industry and specifically about the trucking industry.
15. Incident Investigations by The Trucking Safety Council of BC
16. Websites
  - <http://www.truckingcareers.ca/en>
  - <http://www.transpocity.ca/>
  - <http://www.getyourcareerontheroad.com/>
  - <http://www.workbc.ca/Careers/Career-Profiles-Results.aspx?repeatSearch=true>