



vcc.ca

Course Name:

Shop Simulation 3

Effective Date:

May 2019

School/Centre:

Trades, Technology & Design

Department:

Heavy Mechanical Technology Diploma International(4305)

Banner Course Name:

Shop Simulation 3

Subject Code:

HMTD - Heavy Mechanical Technician

Course Number

2214

Year of Study

2nd Year Post-secondary

Credits:

1

Course Description:

This course allows students to work in a simulated work environment.

Course Pre-Requisites (if applicable):

Admission to the Heavy Mechanical Technology program.

Course Co-requisites (if applicable):

PLAR (Prior Learning Assessment & Recognition)

No

Course Learning Outcomes (CLO):

Upon successful completion of this course, students will be able to:

CLO #1	Populate and prioritize real-time work orders and job time expectations.
CLO #2	Clock in and out on jobs and breaks.
CLO #3	Perform pre-lunch and end of shift cleanup.
CLO #4	Use parts order process.
CLO #5	Prepare parts requisitions.
CLO #6	Complete mechanics "work performed descriptions" on work orders.
CLO #7	Apply business profit and costs of work order for complete week (business overhead, labour cost, charge-out rate, and cost of "come-backs").

Instructional Strategies:

Instructional strategies include classroom lectures, demonstrations, group discussions, computer lab and hands-on practical work.

Evaluation and Grading

Grading System:

Percentages

Passing grade:

70%

Evaluation Plan:

Type Percentage	Brief description of assessment activity
Other 30	Theory- includes formative assessments, assignments, and a summative assessment.
Other 70	Practical- includes shop tasks, active participation and teamwork, workplace behavior, use of tools and equipment.

Hours by Learning Environment Type

Lecture, Seminar, Online

7.5

Lab, Clinical, Shop, Kitchen, Studio, Simulation

17.5

Practicum

Self Paced / Individual Learning

Course Topics

Course Topics:

1. Real-time work orders and job time expectations.
2. Clocking in and out on jobs and breaks.
3. Pre-lunch and end of shift cleanup.
4. Parts order process.
5. Parts requisitions.
6. "Work performed descriptions" on work orders.
7. Business profit and costs of work order for complete week (business overhead, labour cost, charge-out rate, and cost of "come-backs").

Program and course contents and descriptions, offerings and schedules are subject to change without notice.

Resource Material(s):

Resources are items in addition to tuition that the student is responsible for purchasing. Course resource information will be supplied by the department/instructor.

VCC Education and Education Support Policies

There are a number of **Education** and **Education Support** policies that govern your educational experience at VCC, please familiarize yourself with them.

The policies are located on the VCC web site at <https://www.vcc.ca/about/governance--policies/policies>.

To find out how this course transfers, visit the BC Transfer Guide at <https://www.bctransferguide.ca>.

Broadway campus

1155 East Broadway, Vancouver, B.C., Canada V5T 4V5 ■ Tel 604.871.7000

Downtown campus

250 West Pender Street, Vancouver, B.C., Canada V6B 1S9 ■ Tel 604.443.8300