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## CMPT 1952: AutoCAD Level 2

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### EFFECTIVE DATE

September 2020

### DEPARTMENT

Computers - City Centre

### DESCRIPTION

This course provides, to intermediate users of AutoCAD, advanced skills needed to create professional drawings in 2D and 3D. You will learn about working with splines and curved polylines; blocks, attributes, and external referenced drawing files; text styles, dimension styles and multileader styles; storing, presenting, creating annotative objects and attributed blocks; tables; setting up paperspace and viewports for printing, creating a custom template and plot style table, navigating and modeling in 3D; and presentation (rendering) and documentation of 3D designs. Students will engage in learning through industry-relevant hands-on exercises and assignments.

### CREDITS

0.0

### YEAR OF STUDY

Continuing Professional Development

### PREREQUISITES

AutoCAD Level 1 (CMPT 1951), or equivalent knowledge/experience in using AutoCAD.

### COREQUISITES

None

### COURSE LEARNING OUTCOMES

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

- Define Styles and create annotations
- Create dimension floor plans according to industry standards
- Define Linetypes
- Setup layout views and multiple viewports for plotting
- Create and edit blocks
- Define Multileaders

## **PRIOR LEARNING ASSESSMENT & RECOGNITION (PLAR)**

None

## **HOURS**

Lecture: 0

Lab: 15

Practicum: 0

Self-paced: 0

## **INSTRUCTIONAL STRATEGIES**

### **GRADING SYSTEM**

Satisfactory/Unsatisfactory

### **PASSING GRADE**

'S' based on minimum 80% attendance

## **EVALUATION PLAN**

None

## **COURSE TOPICS**

- Splines and curved polylines
- Blocks, attributes, and drawing files
- Text styles, dimension styles, and multileader styles
- Annotative objects and attributed blocks
- Tables
- Paperspace and viewports

## **LEARNING RESOURCES**

None

Notes:

- Course contents and descriptions, offerings and schedules are subject to change without notice.
- Students are required to follow all College policies including ones that govern their educational experience at VCC. Policies are available on the VCC website 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>.

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**Downtown campus**

250 West Pender Street  
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**Annacis Island campus**

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