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CMPT 1951: AutoCAD Level 1

EFFECTIVE DATE

September 2020

DEPARTMENT

Computers - City Centre

DESCRIPTION

Designed for those pursuing careers in design-related disciplines, such as interior design, real estate, architecture, and artistry, this course teaches new users how to create professional 2D drawings using Autodesk AutoCAD. Starting with a thorough overview of AutoCAD's basic commands and features, this Level 1 hands-on training covers drawing basic objects, such as lines, circles, arcs, polygons, modifying and changing properties of objects, working with layers, hatching, text, proper scaling and creating blocks.

CREDITS

0.0

YEAR OF STUDY

General Interest

PREREQUISITES

Knowledge of drafting fundamentals and geometry is recommended.

COREQUISITES

None

COURSE LEARNING OUTCOMES

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

- Set up drawings and establish initial drawing settings
- Create 2-D drawings using the Draw commands
- Edit drawings with the Modify commands.
- Use effective CAD construction techniques to ensure data accuracy and integrity.
- Use layers effectively to manage object properties.
- Draw simple Floor Plans

PRIOR LEARNING ASSESSMENT & RECOGNITION (PLAR)

None

HOURS

Lecture: 0

Lab: 18

Practicum: 0

Self-paced: 0

INSTRUCTIONAL STRATEGIES

GRADING SYSTEM

Satisfactory/Unsatisfactory

PASSING GRADE

'S' based on minimum 80% attendance

EVALUATION PLAN

None

COURSE TOPICS

- Drawing settings
 - Draw commands
 - Modify commands
 - Data accuracy and integrity
 - Object properties
 - Floor plans

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>.

Broadway campus

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Downtown campus

250 West Pender Street
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Annacis Island campus

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