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CMPT 1703: Sketchup Level 1

EFFECTIVE DATE

September 2020

DEPARTMENT

Computers - City Centre

DESCRIPTION

This introduction to SketchUp Make teaches students to integrate 2D and 3D design and explores draw and modify tools and functions, add textures and materials, components, and the 3D warehouse. Textbook (optional) is available at Downtown Campus Bookstore.

CREDITS

0.0

YEAR OF STUDY

General Interest

PREREQUISITES

Ability to comfortably use computers.

COREQUISITES

None

COURSE LEARNING OUTCOMES

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

- Create basic shapes with drawing tools
- Generate 3D forms and view model in 3D
- Learn and understand the 5 core concepts
- Demonstrate stickiness of geometry, group objects
- Manipulate geometry using move, copy, rotate, offset, follow-me, push-pull tools
- Maintain coplanar geometry, restore/heal a surface
- Draw with precision using inference engine
- Alter model with built-in styles
- Select and apply materials
- Import content from the 3D warehouse

PRIOR LEARNING ASSESSMENT & RECOGNITION (PLAR)

None

HOURS

Lecture: 3

Lab: 3

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 tools
- 3D forms
- Geometry
- Group objects
- Geometric tools
- Inference Engine
- Built-in styles
- Importing content

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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