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CMPT 1707: SketchUp Advanced

EFFECTIVE DATE

September 2020

DEPARTMENT

Computers - City Centre

DESCRIPTION

In this course, you will explore tools and techniques for SketchUp Pro, such as dynamic components, dimensional and construction drawings, and presentation tools using Layout. You will also learn about the process to import and export models. This course is well suited for those in architecture, construction, engineering, commercial interiors, light construction, landscape architecture, kitchen & bath design, urban planning, game design, film & stage, woodworking, and similar fields.

CREDITS

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YEAR OF STUDY

Continuing Professional Development

PREREQUISITES

Recommended: SketchUp Level 2 (CMPT 1704), or equivalent knowledge/experience.

COREQUISITES

None

COURSE LEARNING OUTCOMES

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

- Model the interior space in three-dimensions
- Create scenes, layers and styles
- Use cabinet components for Kitchen & BathDesigners
- Incorporate textures, materials, and patterns into your SketchUp model
- Work with shadows, lighting and views
- Set up elevations, perspectives, and presentations
- Create dynamic presentation drawings of floorplans, elevations and perspectives

- Create presentation drawings, concept drawings, and dimensioned construction drawings in Layout

PRIOR LEARNING ASSESSMENT & RECOGNITION (PLAR)

None

HOURS

Lecture: 6

Lab: 6

Practicum: 0

Self-paced: 0

INSTRUCTIONAL STRATEGIES

GRADING SYSTEM

Satisfactory/Unsatisfactory

PASSING GRADE

"S" based on minimum 80% attendance

EVALUATION PLAN

None

COURSE TOPICS

- Scenes
 - Layers
 - Styles
 - Cabinet components
 - Textures
 - Materials
 - Patterns
 - Shadows
 - Lighting
 - Views
 - Elevations, perspectives, and presentations
 - Import/Export drawings
 - Layout
 - Output drawings

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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Generated at: 3:08 pm on Apr. 11, 2021