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CMPT 1257: Revit Level 3

EFFECTIVE DATE

September 2020

DEPARTMENT

Computers - City Centre

DESCRIPTION

In this advanced course, you will create complete architectural plans of a building. You will work in groups and learn to collaborate and link project files. You will also develop custom families as needed for your project. For online learning, having a second monitor is very useful but not essential. You will learn through hands-on demonstrations while interacting with a subject matter expert.

CREDITS

0.0

YEAR OF STUDY

Continuing Professional Development

PREREQUISITES

Either Revit Level 2 (CMPT 1256), or equivalent knowledge/experience.

COREQUISITES

None

COURSE LEARNING OUTCOMES

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

- Create compound walls.
- Modify existing materials and import external textures.
- Produce sheet sets and create custom title blocks with labels.
- Define worksets and shared project parameters for working in a team.
- Apply the skills acquired in Revit Level 1 and Level 2 to create plans and models for a small architectural project.

PRIOR LEARNING ASSESSMENT & RECOGNITION (PLAR)

None

HOURS

Lecture: 9

Lab: 9

INSTRUCTIONAL STRATEGIES

GRADING SYSTEM

Satisfactory/Unsatisfactory

PASSING GRADE

'S' based on minimum 80% attendance

EVALUATION PLAN

None

COURSE TOPICS

- Creating compound walls
- Applying and customizing materials
- Creating sheet sets
- Linking Revit files
- Managing collaboration
- Creating a Solar Study

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: 7:52 am on Apr. 10, 2021