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CMPT 1256: Revit Level 2

EFFECTIVE DATE

September 2020

DEPARTMENT

Computers - City Centre

DESCRIPTION

In this instructor-led training, you will learn about advanced tools and techniques in Revit Architecture. Revit is a popular BIM (Building Information Modeling) application in the architectural industry. You will gain an understanding on topics, such as customizing stairs and railings, creating walls based on 3D forms (mass), creating parametric family types, modeling sites, and rendering techniques. You will also be able to apply the acquired skills to complete a small commercial 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 1 (CMPT 1255), or equivalent knowledge/experience.

COREQUISITES

None

COURSE LEARNING OUTCOMES

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

- Create and Edit Families
- Customize stairs and railings
- Create custom walls and curtain wall systems
- Create site plans
- Produce Interior and exterior 3D renderings

PRIOR LEARNING ASSESSMENT & RECOGNITION (PLAR)

None

HOURS

Lecture: 0

Lab: 18

Other: 0

INSTRUCTIONAL STRATEGIES

GRADING SYSTEM

Satisfactory/Unsatisfactory

PASSING GRADE

'S' based on minimum 80% attendance

EVALUATION PLAN

None

COURSE TOPICS

- Customizing Stairs and Railings
Creating 3D mass forms and Wall by Face
Creating and editing Family types
Detailing in Revit
Creating Site plans and rendering 3D scenes

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

1155 East Broadway
Vancouver, B.C. Canada
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Downtown campus

250 West Pender Street
Vancouver, B.C. Canada
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Annacis Island campus

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