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CMPT 1810: 3D Studio Max Level 1

EFFECTIVE DATE

March 2021

DEPARTMENT

Computers - City Centre

DESCRIPTION

This course introduces students to the basic concepts of 3D modeling using AutoDesk's 3ds Max (formally 3D Studio MAX) software. 3ds Max is popular among architects, game developers, and television and film studios to create realistic environments and characters. Students will explore and create architectural 3D models and accessories. Students will also learn to apply basic materials and render exterior scenes.

CREDITS

0.0

YEAR OF STUDY

Continuing Professional Development

PREREQUISITES

None

COREQUISITES

None

COURSE LEARNING OUTCOMES

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

- Create simple 3D models in 3DS Max
- Apply modifiers to manipulate objects
- Model basic furniture and accessories
- Import CAD drawing to model an architectural project
- Apply materials to objects
- Render exterior scenes

PRIOR LEARNING ASSESSMENT & RECOGNITION (PLAR)

None

HOURS

Lecture: 18

Lab: 0

Other: 0

INSTRUCTIONAL STRATEGIES

GRADING SYSTEM

Satisfactory/Unsatisfactory

PASSING GRADE

'S' based on minimum 80% attendance

EVALUATION PLAN

None

COURSE TOPICS

- Introduction to 3DS MAX environment, working with primitives
Using modifiers, editing tools, modeling furniture and accessories
Importing CAD drawings, modeling a house baesd on a CAD drawing
Adding Doors, Windows, Stairs and Railings
Introduction to materials
Introduction to Rendering

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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