

COURSE OUTLINE

Course Name: Presentation Drawings

Department Head/Coordinator: Maurice Della-Savia

Effective Date: September 2012

School or Centre:		Department:	
Centre for Design		Drafting	
Course History:		Year of Study:	
Revised Course		1st Year Post-secondary	
Name of Replacing Course (if applicable):	3D CAD	Course Number:	DRFT 1252
		Number of Credits:	2.0

Course Pre-requisites (if applicable):

Level 1: DRFT 1101, DRFT 1102

Course Co-requisites (if applicable):

None

PLAR (Prior Learning Assessment & Recognition)

No Yes (details below):

Course Description:

This course introduces the student to presentation drawings using 2 point perspectives and 3D modeling principles. Using 2D and 3D CAD, the student incorporates the addition of entourage and lighting features producing visually accurate drawing renderings.

Instructional Strategies:

Course Learning Outcomes:

- Identify presentation drawing types
- Use 2D drawings and apply 2 point perspective techniques to create a realistic graphical representation of a structure
- Construct a model using 3D CAD software
- Produce a realistic render of a model using 3D CAD software
- Store documents applying the appropriate filing procedures

Program Learning Outcomes:

- Describe concepts, and use drawing techniques to complete projects in orthographic projection, sectioning, dimensioning, auxiliary views and machine detailing.
- Use concepts of residential building construction and technology to plan and detail residential and commercial structures in accordance with local by-laws and the BC Building Code.
- Demonstrate effective use of Computer Aided Drafting (CAD) as a drafting technology tool.
- Use Computer Aided Drafting (CAD) software to produce assigned drawings.
- Prepare Architectural drawings of structures, which incorporate concrete, steel and wood.
- Apply terminology and conventions used in drafting, their school and work place.
- Develop a satisfactory level of comprehension of drafting and related trade skills and knowledge.
- Prepare resume, letter of applications and other related job search skills.

Evaluation/Grading System

Grading System	Specify if 'Other':	Specify Passing Grade:
Letter Grades		60% C

Components and Weighting of the Assessment/Evaluation Plan:

Type	Percentage	Evaluation Plan (provide a brief explanation for each component especially if value exceeds 35%):
Assignments	40	1 Assignment of a building in 2 point perspective at 20% 1 Assignment of 3D building model at 20%
Project	60	1 Project of 2 point perspective render of a building at 30% 1 Project of 3D render of a building at 30%
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	Total	100

Learning Environment/Type

Instruction Type	Hours Per Instruction Type	Comments
L - Classroom	10	
B - Lab (Computer, Chemistry...)	25	
S - Self-paced	25	
Enter Total Hours	60	

Resource Material(s):

Resources are items in addition to tuition that the student is responsible for purchasing. Course resource information will be supplied by the department/instructor.

Course Topics and Sequence Covered:

- Presentation Drawings
- Introduction to Perspective Drawings
- Basics of 3D CAD
- 3D model assemblies
- Rendering drawings

VCC Education and Education Support Policies

There are a number of **Education** and **Education Support** policies that govern your educational experience at VCC, please familiarize yourself with them.

The policies are located on the VCC web site at:

<http://www.vcc.ca/about-vcc/policies/index.cfm>

To find out how this course transfers, visit the BC Transfer Guide at www.bctransferguide.ca.

FOR COMMITTEE USE ONLY

Date Approved by Education Council:		Date Approved by VCC Board (if applicable):	
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