Creation date: Dec 2020
Revision date: January 2023

SAMPLE COURSE OUTLINE

Course Code, Number, and Title:

THEA 1150: CAD for Theatre Production

Course Format:
[Course format may vary by instructor. The typical course format would be:]

Lecture 3.0 h + Seminar 0.0 h + Lab. 1.0 h

Credits: 3.0   **Transfer Credit:** For information, visit bctransferguide.ca

Course Description, Prerequisites, Corequisites:

In this hands-on course, students are introduced to Computer Aided Drafting (CAD) using VECTORWORKS software. Through exercises and projects, students learn effective techniques and applications of 2D drafting and 3D digital modeling, including drawing and modeling tools, file management and organization, workflow, and conventions as they relate to drafting and orthographic projection views, to make plans and documentation packages.

Prerequisites: Reserved for Theatre Arts Production Students
Corequisites: none

Learning Outcomes:

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

- Draw using 2D tools and applications.
- Model using 3D tools and applications.
- Manage their files through organizational tools.
- Generate and organize orthographic multi view drawings.
- Communicate through plans and drafting documentation packages.
- Follow and apply drafting conventions.

Instructor(s): TBA
Office: TBA   **Phone: (604) 323-XXXX**
Office Hours: TBA   **Email: TBA**

Textbook and Course Materials:
[Textbook selection may vary by instructor. An example of texts and course materials for this course might be:]

For textbook information, visit https://mycampusstore.langara.bc.ca/buy_courselisting.asp?selTerm=3|8

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Note: *This course may use an electronic (online) instructional resource that is located outside of Canada for mandatory graded class work. You may be required to enter personal information, such as your name and email address, to log in to this resource. This means that your personal information could be stored on servers located outside of Canada and may be accessed by U.S. authorities, subject to federal laws. Where possible, you may log in with an email pseudonym as long as you provide the pseudonym to me so I can identify you when reviewing your class work.*

Assessments and Weighting:

Lab Work 30%
Midterm Exam: 20%
Assignments: 40%
Participation: 10%

Grading System: Letter Grade
Specific grading schemes will be detailed in each course section outline.

Passing Grade: C
Final Exam: Yes

Topics Covered:
[Topics covered may vary by instructor. An example of topics covered might be:]

- 2D drawing tools and application.
- File organization: classes, viewports and layers.
- Creative Workflow.
- 3D modeling tools and application.
- Drafting conventions.
- Orthographic projections system.
- Plans and documentation.

As a student at Langara, you are responsible for familiarizing yourself and complying with the following policies:

College Policies:

E1003 - Student Code of Conduct
F1004 - Code of Academic Conduct
E2008 - Academic Standing - Academic Probation and Academic Suspension
E2006 - Appeal of Final Grade
F1002 - Concerns about Instruction
E2011 - Withdrawal from Courses

Departmental/Course Policies:

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Information unavailable, please consult Department for details.

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