

SAMPLE COURSE OUTLINE

Course Code, Number, and Title:

WMDD 4805: Introduction to Raster Graphics

Course Format:

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

Lecture 2 h + Seminar 0 h + Lab 1 h

Credits: 1.5

Transfer credit: For information, visit bctransferguide.ca

Course Description, Prerequisites, Corequisites:

Introduces the tools and techniques to create raster graphics for online delivery. Students will examine correcting colour, making selections, determining resolution requirements and optimizing graphics as part of an integrated workflow.

Prerequisites: Admission into the Web and Mobile App Design and Development program or with assessment and permission from the coordinator.

Registration restricted to students admitted to the PDD in Web and Mobile App Design and Development program

Learning Outcomes:

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

- distinguish between raster and vector graphics and their application
- determine the resolution requirements for online raster graphics
- analyze and correct images for optimum reproduction on-screen
- apply masking techniques to create transparency
- evaluate and utilize the best-suited file format for a particular application

Instructor(s): TBA

Office: TBA

Phone: 604 323 XXXX

Email: TBA

Office Hours: TBA

Textbook and Course Materials:

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

Dayley, L.D; Dayley, B. "Photoshop CC Bible". Indianapolis. 2013.

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:

Final Exam 20%

Other Assessments %

(An example of other assessments might be:) %

Midterm: 10%

Quizzes/Tests: 10%

Assignments: 60%

Proportion of individual and group work:

Individual: 100%

Grading System: Letter grade

Specific grading schemes will be detailed in each course section outline.

Passing grade: C

Topics Covered:

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

- Raster vs. vector graphics
- Resolution requirements for online display
- Colour management - monitor profiling, RGB workspaces and colour specification using RGB and Hex systems
- File formats
- Image optimization - compression, blurring, matte colour, dithering, transparency, file size considerations
- Colour correction of images
- Selections - tools, techniques, saving and loading
- Layer Masks - creating, refining

This generic outline is for planning purposes only.

- Retouching - cloning and healing to remove or add elements to an existing image

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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