SAMPLE COURSE OUTLINE

Course Code, Number, and Title:

DGMD 1175: Design Toolkit: Raster and Vector

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

Lecture 1.0 h + Seminar 1.0 h + Laboratory Hours 2.0 h

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

Course Description, Prerequisites, Corequisites:

 Design software is essential for visual communication professionals. Students learn to use the digital tools integral to the generation and manipulation of images, illustrations, typography, and brand assets. Through hands-on projects, they apply advanced techniques, including file management, non-destructive editing workflows, and export and optimization methods. Students acquire the technical foundation needed to execute their creative vision effectively while meeting current industry demands.

Corequisites: Student must currently take DGMD 1155.

Learning Outcomes:

Upon successful completion of this course, students will be able to…
1. Explain the advantages and disadvantages of raster and vector images
2. Effectively use the appropriate software for a design-specific need
3. Apply digital design tools strategically to solve visual communication problems, demonstrating proficiency in image manipulation, vector illustration, and typography across multiple software platforms.
4. Evaluate and implement accepted digital file management practices, including organizing assets, understanding file formats, and preparing files for various output methods.
5. Apply colour theory application within digital environments, including working with different colour spaces, creating and saving colour palettes, and colour optimization.
6. Execute advanced selection techniques and layer management strategies to create complex compositions, including masking, blending modes, adjustment layers, and non-destructive editing workflows.
7. Create and modify vector graphics and typography, demonstrating understanding of paths, anchor points, bezier curves, and type manipulation.
8. Analyze and troubleshoot common technical issues in digital design workflows, including resolution problems, colour mode conflicts, and file compatibility challenges across different platforms and software versions.

Instructor(s): TBA

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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

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 80%
[An example of other assessments might be:]

Assignments: 40%
Lab work: 30%
Participation: 10%

This course has been approved by Education Council for Prior Learning Assessment (PLAR).

PLAR eligibility requirements/criteria:
1. To be determined (See Department)

If you meet the eligibility criteria and are enrolled in a program, please contact the department chair for more information. For information on policy, visit E2004: Prior Learning Assessment & Recognition.

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

Topics Covered:
[Topics covered may vary by instructor. An example of topics covered might be:]
1.Raster vs. Vector:
Illustrator/Photoshop

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2.Illustrator:
-Creating New Documents
-Colour Modes: Digital/Print
-Interface (Work Area)
-Pen Tool
-Shapes and Path
-Working Images (Importing and managing)
-Typographic Tools
-Artboards
-Layers
-Grids and Guides
-Gradients
-Brushes
-Bleed and Crop Marks
-Effects and Artificial Intelligence
-Exporting and sharing

3.Photoshop:
-Creating New Documents (Colour Modes and Resolution)
-Work Area

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:

Information unavailable, please consult Department for details.

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