

**Fond du Lac Tribal and Community College
COURSE OUTLINE FORM**

Updated 11/25/14

Please return this form to the college vice president of academic affairs and the chairperson of the Academic Affairs and Standards Council (AASC)

1. Prepared by: _____

2. Date submitted: _____

3. Date approved: 11/16/07 Date revised 10/28/14, 12/9/14, 02/25/15

4. Department/discipline: Computer Science

5. Department(s) endorsement(s): _____

(Signatures of the person(s) providing the endorsement are required.)

6. Course Title: Introduction to Digital Graphics

Abbreviated course title (25 characters or less): _____

7. Course Designator: CSCI/ART 8. Course Level: 1097

9. Number of Credits: Lecture 1 Lab 2

10. Control Number (on site) 20 Control Number (online) _____

11. Catalog/Course description:

This course will introduce students to computer technologies that apply specifically to graphic design and the production of digital art works. Use of computer software for design layout and creation of two dimensional, digital imagery will be emphasized. (Meets MnTC goal area 6)

12. Course prerequisite(s) or co-requisite(s): Accuplacer scores/ Other courses

Prerequisite(s):

Co-requisite:

13. **Course Materials** (Recommended course materials and resources. List all that apply, e.g. textbooks, workbooks, study guides, lab manuals, videos, guest lecturers).

Computer
Adobe Photoshop Elements
Quark Software

14. **Course Content** (Provide an outline of major topics covered in course)

- Introduction to Computer Graphics and Software (Adobe Suite)
- Digital Image Making Using Software, Cameras, Scanners and Printers.
- Layout and Design
- Illustration
- Typography
- Commercial Applications Including: Spreadsheets and Advertising Design.
- Fine Arts Applications Including: Drawing, Painting and 2D Design.
- Digital Color Theory and Practice, i.e. Color Editing Options and Adjustments.

15. Learning Goals, Outcomes, and Assessment

At FDLTCC we have 4 Competencies Across the Curriculum (CAC) areas. They are as follows:

- A. Information Literacy (the ability to use print and/or non-print tools effectively for the discovery, acquisition, and evaluation of information)
- B. Ability to Communicate (the ability to listen, read, comprehend, and/or deliver information in a variety of formats.)
- C. Problem Solving (the ability to conceptualize, apply, analyze, synthesize, and/or evaluate information to formulate and solve problems.)
- D. Culture (knowledge of Anishinaabe traditions and culture, knowledge of one's own traditions and culture, knowledge of others' traditions and cultures, culture of work, culture of academic disciplines and/or respect for global diversity.)

Course Learning Outcomes will fulfill the identified competencies.

Course Learning Outcomes.

Upon completion of this course, the student will be able to:

- 1. develop content information through research, sketches and surveys. (A, B)
- 2. produce printed materials, i.e. posters, flyers, booklets, etc. using digital graphic software to disseminate cultural information pertinent to their communities. (D)
- 3. employ usability studies and group discussions to determine a path for compelling, inventive material. (B)
- 4. determine timelines and production schedules to create final projects, solving design computer and comprehension problems in the process. (C)
- 5. use print and internet tools to effectively acquire and evaluate information. (A)
- 6. employ core computer tools/skills to manipulate and present information. (A)
- 7. determine timelines and production schedules for final projects, solving design, computer and comprehension problems in the process. (A, C)

16. **Minnesota Transfer Curriculum (MnTC):** If this course fulfills an MnTC goal area, state the goal area and list the goals and outcomes below:

See www.mntransfer.org

Goal Area(s): 6

Goal and Outcomes:

Goal 6: Humanities & Fine Arts