



Course Syllabus (rev. 3/16/06)

Course #: DMT 2020 Course Name: Digital Creation & Editing

Division: Engineering and Industrial Technologies

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Class Days: TBD

Class Time: TBA

Location: Classroom: B307

Laboratory: B307

Credit Hours: 3

Contact Hours:

Lab Hours: 2

Lecture Hours: 2

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Instructor: Mark Grine

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Full-time Contact Person: Jayne Bowersox

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Course Description:

Coursework includes developing the vocabulary necessary to form constructs and then creating imagery using the computer and several software packages by studying various computer imaging techniques. Compositional approaches will include abstraction, fragmentation, and synthesis. Also a study of digital illustration which includes text effects, fill patterns, drawing Bezier curves, information graphics, technical illustrations, and cartography which can be used for print, creating images or for publishing on the World Wide Web.

Prerequisite(s): DMT 1010

Corequisite(s): None

Entry Level Skills and Knowledge: Basic Computer Skills

Required Texts, Supplies and Equipment:

Textbooks: Adobe Photoshop CS2 Revealed by Reding, Thomson Course Technology  
Adobe Illustrator CS2 Revealed by Botello, Thomson Course Technology

Materials: Flash Drive or CD-RW for recording lab work  
(available in book store)  
An email account, either from Terra, or a personal one

Grading:

- 93-100 = A
- 85 – 92 = B
- 78 – 84 = C
- 70 – 78 = D
- Below = F

## **Learning Outcomes:**

### General Education

1. **Communicate effectively**
2. **Evaluate arguments in a logical fashion**—Competence in analysis and logical argument are explicit learning goals for most general education programs, although these skills go by a variety of names (e.g., critical thinking, analysis, logical thinking, etc.). **Students will be able to demonstrate competence in problem solving in communication, mathematics, and in team settings.**
3. **Demonstrate an understanding of cultural differences and the knowledge of how to work effectively in a global and diverse culture and society.**
4. **Employ the methods of inquiry characteristic of natural sciences, social sciences, mathematics, and the arts and humanities;** general education introduces students to methods of inquiry in several fields of study and thereby prepares students to integrate information from different disciplines.
5. **Engage in our democratic society**—one of the overarching goals of general education is to prepare students to be active and informed citizens; the development of a disposition to participate in and contribute to our democracy is of equal importance to the goal of having the skills to do so intelligently.

**Learning Outcomes 1-3 will be measured for all students** through the CAAP assessment (Writing, Mathematics, and Critical Thinking) and through the e-portfolio (Writing and Cultural Diversity). Outcomes 1 and 2 will also be assessed through course and program assessment for applied degree programs.

**Learning Outcomes 1-5 will be assessed in specific courses included in the Transfer Module.**

### **Upon completion of the course the student should be able to:**

- Gain a working knowledge digital image manipulation.
- Demonstrate successful use of basic and advanced skills in both PhotoShop and Illustrator.
- Demonstrate successful use of software to create a complex projects.
- Understand the terminology associated with digital image manipulation and electronic art.
- Demonstrate the basic concepts of digital manipulation, how it's produced, hardware and software requirements, and its effect in the workplace, online processes, and on the World Wide Web.

## **Assessment of Student Learning:**

Assessment Project and Measurement in course:

Illustrator Projects - Demonstrating ability to use drawing tools to create art for print, online documentation and web pages through various assigned projects.

PhotoShop Projects – Demonstrate the ability to manipulate digital imagery in conjunction with photography and original art for use in print and for the web through various assigned projects.

Plan of Work:

<b>Week</b>	<b>Reading/Lecture</b>	<b>Demonstration/Lab</b>
1	PhotoShop Getting Started & Working With Layers	Lessons 1 & 2
2	Making Selections Incorporating Color Techniques	Lessons 3 & 4
3	Test Sections 1- 4 Placing Type in an Image Using Painting Tools	Lessons 5 & 6
4	Creating Special Effects Working with Layer Functions	Lessons 7 & 8
5	Test Sections 4- 8 Enhancing Selections Adjusting Colors	Lessons 9 & 10
6	Using Clipping Mask Transforming Type Liquifying an Image	Lessons 11 & 12 & 13
7	Test Sections 8 - 12 PhotoShop Final Project	PhotoShop Final Project
8	Illustrator Getting Started & Creating Text and Gradients	Lessons 1 & 2
9	Drawing and Composing Transforming and Distorting	Lessons 3 & 4
10	Test Sections 1- 4 Working with Layers Patterns and Brushes	Lessons 5 & 6
11	Filters, Meshes and Blends Transparency and Graphic Styles	Lessons 7 & 8

12	Test Sections 4- 8 Creating Graphs Drawing with Symbols	Lessons 9 & 10
13	Creating 3D Objects Preparing for Prepress Preparing Web Graphics	Lessons 11 & 12 &13
14	Test Sections 8 - 12 Illustrator Final Project	Assign Final Project
15	Open Lab	Final Projects Due

### **Course Requirements:**

The lab projects and final project *must be completed with a passing grade* to receive credit for the course. There will be **NO make up tests** unless previously arranged before the test date.

6 Tests	30%
Lab Assignments	35%
Final Projects	25%
Instructor Evaluation	10%

### **Policies**

**Cell Phones, beepers, pagers:** Electronic communication devices must be turned off when entering class to avoid distraction to other students. Exceptions are made in case of public service officials (firefighters etc.) or in the case of a family emergency. In such cases the devices should be kept on vibrate if possible. This must also be cleared with the instructor before the beginning of class each day. Failure to comply will result in reduction in grade for lab that day or on an ensuing quiz or test.

**Course Withdrawing:** If for any reason you need to withdraw from this course, be certain that you do so according to College procedure. It is your responsibility to know and follow this procedure. If you simply stop coming to class, without officially withdrawing from the course, your grade is an automatic “F.” Please follow official College procedure for withdrawing from this or any course.

*College Academic Policies are located in the College Catalog. A copy of the current catalog may be picked up in any of the division offices or admissions. The list of college policies is also available online at <https://www.terra.edu/register/Collegecat/policies.asp>.*

**Support Services:** The College offers a number of support services to assist in your success in this course and all courses. Among these services are the Writing & Math Center in B105, the Office of Learning Support Services, which coordinates the campus disability services and tutoring programs, the computer labs, and the computers in the atriums.

Any student who feels he/she may need an accommodation based on the documentation of a disability should contact the Office of Learning Support Services privately to discuss his/her specific issues. Please contact the OLSS at (419) 334-8400 X 208 or visit 100 Roy Klay Hall (Building A) to coordinate reasonable accommodations.

***If you have a documented disability and are receiving academic accommodations through the Office of Learning Support Services, please schedule a meeting with your instructor in a timely manner so that we may discuss how these services will be arranged.***

Tutoring services are available to students beginning the second week of every quarter. Students requesting tutoring services should obtain a tutor request form from the OLSS in 100 Roy Klay Hall (Building A) or online at the Terra website. Please note that instructor verification and acceptance of the Student Learner Agreement is necessary for all tutoring requests. All requests should be submitted to 100 Roy Klay Hall (Building A).