

College of San Mateo
Official Course Outline

1. **COURSE ID:** DGME 105 **TITLE:** Introduction to Digital Media
Units: 3.0 units **Hours/Semester:** 40.0-45.0 Lecture hours; 24.0-27.0 Lab hours; and 80.0-90.0 Homework hours

Method of Grading: Grade Option (Letter Grade or Pass/No Pass)

Recommended Preparation:

Eligibility for ENGL 838 or ENGL 848 or ESL 400.

2. **COURSE DESIGNATION:**

Degree Credit

Transfer credit: CSU

3. **COURSE DESCRIPTIONS:**

Catalog Description:

Introduction to the tools and techniques of Digital Media. Includes basic computer skills, digital image capture, image manipulation, illustration, layout, time based media, 3D, and emerging technologies.

4. **STUDENT LEARNING OUTCOME(S) (SLO'S):**

Upon successful completion of this course, a student will meet the following outcomes:

1. Discuss current tools, trends and career opportunities in Digital Media.
2. Identify, create, edit, and display different types of digital files in text, graphics, animation, video, and/or audio.
3. Create a digital media presentation using painting, drawing, animation, video and/or web authoring programs.

5. **SPECIFIC INSTRUCTIONAL OBJECTIVES:**

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

1. Describe different tools and their appropriate usage.
2. Create and manipulate different types of digital files.
3. Create digital media presentation using different digital media tools.

6. **COURSE CONTENT:**

Lecture Content:

1. Digital Image Content Creation and Manipulation
 - A. Web
 - B. Mobile
 - C. Hybrid
2. Illustration
 - A. Traditional
 - B. Digital
3. Layout
 - A. Analog
 - B. Digital
4. Interaction Design
 - A. UI/UX
 - B. Web
 - C. Game
 - D. Mobile
5. Time-based Media
 - A. Audio
 - B. Video
 - C. Frame-by-frame
6. 3D Fundamentals
 - A. Model
 - B. Texture
 - C. Articulate
 - D. Animate

- E. Render
- F. Real-time

Lab Content:

Students use lab time to complete projects and textbook assignments under the guidance of the instructor. Students will complete lab exercises and assignments that reinforce the lecture material along with strengthening their skills utilizing the appropriate software.

7. REPRESENTATIVE METHODS OF INSTRUCTION:

Typical methods of instruction may include:

- A. Lecture
- B. Lab
- C. Activity
- D. Critique
- E. Discussion
- F. Guest Speakers
- G. Observation and Demonstration
- H. Other (Specify): A. Lecture/Discussion -Encompassing in-class demonstrations and explanations on course topics. B. Lab -Students will demonstrate examples of course topics C. Reading Assignments -Students will be given reading assignments from class textbook to become familiar with the material presented in corresponding lecture, lab or quiz. D. Project Assignments - Students will be given project assignments to demonstrate their knowledge of theory and software.

8. REPRESENTATIVE ASSIGNMENTS

Representative assignments in this course may include, but are not limited to the following:

Writing Assignments:

- Weekly assignments/projects
- Student self-assessment assignment
- Midterm
- Final Exam

Reading Assignments:

- Textbook-Required reading
- Online Resources
- Instructor Resources

9. REPRESENTATIVE METHODS OF EVALUATION

Representative methods of evaluation may include:

- A. Class Participation
- B. Class Performance
- C. Class Work
- D. Exams/Tests
- E. Group Projects
- F. Homework
- G. Lab Activities
- H. Oral Presentation
- I. Papers
- J. Portfolios
- K. Projects
- L. Quizzes
- M. Written examination
- N. A. Projects - Students will be assigned projects to execute to specifications. Students will be graded on performance of these projects. B. Quizzes/Midterm/Final Exam - Students will be tested on their retention of important principles. C. In-Class Demonstrations -Students will make presentations and demonstrate course topics.

10. REPRESENTATIVE TEXT(S):

Possible textbooks include:

- A. Diamond, Jeffrey Mark. *Introduction to Digital Media*, 2 ed. CreateSpace Independent Publishing Platform, 2016

Curriculum Committee Approval Date: January 2019

Effective Term: Fall 2019

Course Originator: Diana Bennett