

Dakota County Technical College

IDES 1101: Design Fundamentals

A. COURSE DESCRIPTION

Credits: 4

Lecture Hours/Week: 3

Lab Hours/Week: 1

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course covers the elements and principles of design: line, shape and form, space, texture, color and balance, proportion and scale, unity and harmony, and emphasis, in two-dimensional and three-dimensional formats. Color will be a focus, include the study of hue, saturation, and intensity, and how color affects people and interior space.

B. COURSE EFFECTIVE DATES: 08/27/2012 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

D. LEARNING OUTCOMES (General)

1. Create value and intensity scales
2. Define the concept of shape and form
3. Demonstrate an understanding of balance
4. Demonstrate an understanding of unity and harmony
5. Demonstrate the character and expressive qualities of line to communicate an idea
6. Demonstrate the dynamic contrast of hues in the design object
7. Demonstrate the dynamic contrast of size and shape
8. Describe the structure of positive and negative space
9. Develop language of design
10. Identify the elements and principles of design
11. Illustrate the use of proportion in the design scheme
12. Introduce color theories
13. Prepare presentation of model to class and instructor, using the language of design
14. Understand the principle of emphasis
15. Understand the use of texture
16. Understanding color mixing
17. Use rhythm to create a design object
18. Utilize design process and creative problem solving techniques
19. Utilize values to define surfaces of planes

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted