

COMMON COURSE OUTLINE: Course discipline/number/title: ART 1130: Computer Graphics I

A. CATALOG DESCRIPTION

1. Credits: 3
2. Hours/Week: 6
3. Prerequisites (Course discipline/number): None
4. Co-requisites (Course discipline/number): None
5. MnTC Goals (if any): CT, HA

This introductory studio art course covers the basic ideas, methods, and materials of painting and drawing using the computer as an art medium. A survey approach, teaching skills needed for drawing and painting, will explore basic problems of color, form and space on a two dimensional surface. Work will be placed in historical and philosophical context using vocabulary appropriate to Art. Aesthetic judgments are developed in a format of regular critical analysis.

B. DATE LAST REVISED (Month, year): April, 2007

C. OUTLINE OF MAJOR CONTENT AREAS:

1. Identify and use the formal elements of design in the creative process
2. Using visual information to render a scene
3. Presentation of Visual Explanations: Drawing, Painting and Color Theory on the computer
4. Understand the Creative Process for Project and Portfolio Development:
 - a) Creative ideas and problem solving
 - b) Original solutions in historical and social context
 - c) Translation of traditional art materials to digital form
 - d) Exploration of creative digital solutions using both traditional and new media
 - e) Critical analysis
 - f) Portfolio development

D. LEARNING OUTCOMES (GENERAL): The student will be able to:

1. Demonstrate the ability to identify and use the basic visual elements of art in the creation of original art using the computer as media.
2. Demonstrate the ability to render form from observation onto the two-dimensional surface by working through a variety of painting and drawing assignments.
3. Utilize basic Art principles of visual organization to create effective compositions.
4. Creatively solve visual problems while demonstrating an awareness of historical and cultural precedent.
5. Strive for individual, creative expression while developing their ability with the media.
6. Critically evaluate work throughout the creative process, using the vocabulary of Art.
7. Articulate an informed personal reaction during group critiques and through writing on art.

E. LEARNING OUTCOMES (MNTC): Competencies from the Minnesota Transfer Curriculum (MNTC)

Goal 2: Critical Thinking (CT): Students will be able to:

1. Imagine and seek out a variety of possible goals, assumptions, interpretations, or perspectives, which can give alternative meanings or solutions to given situations or problems.
2. Recognize and articulate the value assumptions, which underlie and affect decisions, interpretations, analyses, and evaluations made by ourselves and others.

Goal 6: The Humanities and Fine Arts (HA): Students will be able to:

1. Demonstrate awareness of the scope and variety of works in the arts and humanities.
2. Understand those works as expressions of individual and human values within an historical and social context.
3. Respond critically to works in the arts and humanities.
4. Engage in the creative process or interpretive performance.
5. Articulate an informed personal reaction to works in the arts and humanities.

F. METHODS FOR EVALUATION OF STUDENT LEARNING:

1. Portfolio based grades
2. Exams
3. Writing Assignments as determined by instructor



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- G. **SPECIAL INFORMATION (if any):**
Lab Fee