

DART-130: INTRODUCTION TO DIGITAL IMAGING

Effective Term

Fall 2025

CC Approval

01/21/2025

AS Approval

02/13/2025

BOT Approval

02/20/2025

COCI Approval

04/30/2025

SECTION A - Course Data Elements**CB04 Credit Status**

Credit - Degree Applicable

Discipline

Minimum Qualifications	And/Or
Art (Master's Degree)	Or
Graphic Arts (Desktop publishing) (Any Degree and Professional Experience)	

Subject Code

DART - Digital Art

Course Number

130

Department

Digital Art (DART)

Division

Arts and Humanities (ARAH)

Full Course Title

Introduction to Digital Imaging

Short Title

Intro to Digital Imaging

CB03 TOP Code

1030.00 - *Graphic Art and Design

CB08 Basic Skills Status

NBS - Not Basic Skills

CB09 SAM Code

C - Clearly Occupational

Rationale

non substantive re: organize content update text book

SECTION B - Course Description

Catalog Course Description

This course focuses on the creation and editing of digital images using industry standard software. Students in this course will learn to fuse traditional artistic concepts with contemporary digital tools to create original art works. For example, in this class you will create digital paintings, digital photographs, and, or digital collages.

SECTION C - Conditions on Enrollment

Open Entry/Open Exit

No

Repeatability

Not Repeatable

Grading Options

Letter Grade or Pass/No Pass

Allow Audit

Yes

Requisites

Advisory Prerequisite(s)

Completion of DART-101 or DART-120 with a minimum grade of C.

SECTION D - Course Standards

Is this course variable unit?

No

Units

3.00

Lecture Hours

36.00

Lab Hours

54.00

Outside of Class Hours

72

Total Contact Hours

90

Total Student Hours

162

Distance Education Approval

Is this course offered through Distance Education?

Yes

Online Delivery Methods

DE Modalities	Permanent or Emergency Only?
Hybrid	Permanent
Entirely Online	Permanent

SECTION E - Course Content

Student Learning Outcomes

Upon satisfactory completion of the course, students will be able to:	
1.	Produce and present raster-based art and design work, integrating core design concepts in finished products.
2.	Critique artwork and express design concepts and intents in written and oral formats.

Course Objectives

Upon satisfactory completion of the course, students will be able to:	
1.	Perform appropriate document set up and select proper file formats.
2.	Consider and utilize the appropriate tools to accomplish these tasks: selecting, painting and drawing, recreating history, photo retouching, erasing, filtering effects, cropping, lighting effects.
3.	Create photo collages using layering techniques: layer masks, layer effects, blending modes.
4.	Formulate an informed color scheme, determine a suitable color mode for desired result, manage color output, formulate image adjustments.
5.	Assemble source material through scanning photographs and original art and web searches.
6.	Evaluate, understand and select appropriate typography.
7.	Critique artwork and express design concepts and intents in written and oral formats.
8.	Produce and present a portfolio of finished artwork generated in Photoshop.

Course Content

1. Interface: document set up, file formats, and workspace.
2. Tools: brushes, type, lighting, retouching.
3. Layers: layer masks, layer effects, photo collage techniques, introduction to blending modes.
4. Filters: filter effects, filter exercises, advanced filter techniques.
5. Color: additive v. subtractive color, image modes, color swatches and palettes, gradients, improving scanned images, managing color output, image adjustment basics.
6. Source Material: finding your own images, managing file size, transferring files,
7. Composition, elements of design, typography, visual presentation, career possibilities for graphic designers, copyright issues and successful critiquing will be included and integrated throughout the course.

Methods of Instruction

Methods of Instruction

Types	Examples of learning activities
Lecture	In-class lectures demonstrating techniques, tools, concepts while analyzing student and or professionally produced digital images.
Lab	Instructor supported lab / studio time where students will apply the concepts and techniques from lectures and demonstrations to produce creative solutions to course assignments. This will include individual time on task with instructor supervision.
Group Work	Small group exercises to familiarize students with collaborative work skills. Individual time on group task with instructor supervision.
Critique	Oral and written critiques - class critiques, peer review, self evaluations and one-on-one with student and instructor.

Instructor-Initiated Online Contact Types

Announcements/Bulletin Boards
 Chat Rooms
 Discussion Boards
 E-mail Communication
 Telephone Conversations
 Video or Teleconferencing

Student-Initiated Online Contact Types

Chat Rooms
 Discussions

Group Work

Course design is accessible

Yes

Methods of Evaluation

Methods of Evaluation

Types	Examples of classroom assessments
Portfolios	Portfolios will be assessed based on successful completion of each major assignment. The particular parameters of each assignment will be applied in the assessment.
Class Participation	During group and individual critiques in oral formats students will be assessed on their participation, use of appropriate terminology and their ability to provide and accept meaningful feedback.
Exams/Tests	Written assignments, which may include quizzes, essays, exams, or reports.

Assignments

Reading Assignments

Selected readings from textbook, periodicals or library collection.

For example:

1. Read the assigned pages in the textbook, focusing on the use and parameters of the lasso and magic wand tools.
2. Read the assigned pages in the textbook on use of layers.

Writing Assignments

Write a visual analysis, and, or critique of an original digital image.

For example:

1. Write a one page analysis of a class mates digital painting using appropriate visual language.
2. Write a one page analysis of a professional digital image using appropriate visual language.
3. Write a self evaluation, or critique of your own digital image.

Other Assignments

Creation of a digital portfolio of student work.

For example:

1. Beginning with a widely recognized master painting, saved as a high resolution, TIFF file, create a piece that alters the original's color scheme. The new color scheme should use magic wand, bucket, and airbrush tools and use web safe colors. Multiple layers will be required including at least one layer that utilizes the digital drawing pads.
2. Create a digital collage self-portrait utilizing only images generated from the digital drawing pads. Fill colors and patterns can be taken from any source, including web and print sources.
3. After a lecture on creating computer image color schemes according to basic principles of color theory, students will design images that demonstrate an apprehension of suitable color modes for both traditional print and web applications. Student work will be evaluated for completeness, accuracy in color selections, and demonstration of basic color theory.

SECTION F - Textbooks and Instructional Materials

Material Type

Textbook

Author

Conrad Chavez

Title

Adobe Photoshop Classroom in a Book

Publisher

Adobe Press

Year

2024

Material Type

Other required materials/supplies

Description

Portable storage device such as, Jump, USB, or Portable Drive

Course Codes (Admin Only)**ASSIST Update**

No

CB00 State ID

CCC000502863

CB10 Cooperative Work Experience Status

N - Is Not Part of a Cooperative Work Experience Education Program

CB11 Course Classification Status

Y - Credit Course

CB13 Special Class Status

N - The Course is Not an Approved Special Class

CB23 Funding Agency Category

Y - Not Applicable (Funding Not Used)

CB24 Program Course Status

Program Applicable

Allow Pass/No Pass

Yes

Only Pass/No Pass

No