

MAKR M910: ADOBE ILLUSTRATOR FOR THE MAKERSPACE I

Originator

csadnik

College

Moorpark College

Discipline (CB01A)

MAKR - MakerSpace

Course Number (CB01B)

M910

Course Title (CB02)

Adobe Illustrator for the MakerSpace I

Banner/Short Title

Illustrator for the MakrSpce I

Credit Type

Noncredit

Start Term

Fall 2021

Catalog Course Description

Introduces students to Adobe Illustrator in relation to entry-level design and MakerSpace equipment. Teaches how to create Illustrator documents for laser cutting, vinyl cutting, vinyl printing, and screen printing.

Taxonomy of Programs (TOP) Code (CB03)

1030.00 - *Graphic Art and Design

Course Credit Status (CB04)

N (Noncredit)

Course Transfer Status (CB05) (select one only)

C (Not transferable)

Course Basic Skills Status (CB08)

N - The Course is Not a Basic Skills Course

SAM Priority Code (CB09)

C - Clearly Occupational

Course Cooperative Work Experience Education Status (CB10)

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

Course Classification Status (CB11)

J - Workforce Preparation Enhanced Funding

Educational Assistance Class Instruction (Approved Special Class) (CB13)

N - The Course is Not an Approved Special Class

Course Prior to Transfer Level (CB21)

Y - Not Applicable

Course Noncredit Category (CB22)

I - Short-Term Vocational

Funding Agency Category (CB23)

A - Primarily Developed Using Economic Development Funds

Course Program Status (CB24)

1 - Program Applicable

General Education Status (CB25)

Y - Not Applicable

Support Course Status (CB26)

N - Course is not a support course

Field trips

Will not be required

Grading method

Pass/No Pass Grading

Does this course require an instructional materials fee?

No

Repeatable for Credit

Yes

Number of times a student may enroll in this course

Unlimited

Units and Hours

Carnegie Unit Override

No

Total in-Class (full semester or term)

Total Minimum Contact/In-Class Hours (for full semester or term; not weekly)

8

Total Maximum Contact/In-Class Hours (for full semester or term; not weekly)

8

Total Student Learning

Total Student Learning

Total Minimum Student Learning Hours

8

Total Maximum Student Learning Hours

8

Student Learning Outcomes (CSLOs)

Upon satisfactory completion of the course, students will be able to:

- 1 create and edit Illustrator documents
- 2 use tools to create, edit, and manipulate designs
- 3 demonstrate ability to use and adjust software functions

Course Objectives

Upon satisfactory completion of the course, students will be able to:

- 1 create a document and adjust the size and number of artboards within a document
- 2 demonstrate ability to save a document in a variety of formats and export assets

3	adjust document color mode and apply modes as appropriate
4	demonstrate ability to use the copy and paste functions
5	create, manipulate, and adjust guides for a document
6	create, manipulate, and adjust layers in a document
7	recognize what the embed image option does and apply its use as appropriate
8	use image trace to convert raster images to vector artwork and manipulate image trace controls to get a variety of results
9	differentiate between the direct selection and the selection tool and apply their use as appropriate
10	use the type tool to create text and demonstrate the ability to set font family, change the font style and size, and convert type to outlines
11	demonstrate the ability to use the shape tool to create and manipulate rectangles, ellipses, polygons, and stars
12	demonstrate the ability to use the pen tool to create custom shapes and manipulate anchor points
13	demonstrate the ability to add and change the color of strokes and fills on both type and shapes
14	demonstrate the ability to use the shape builder tool and pathfinder tool to create custom shapes
15	demonstrate the ability to scale, move and rotate shapes and type

Course Content

Lecture/Course Content

1. (10%) Creating and setting up a document
 - a. art boards
 - b. guides
 - c. document color mode
 - d. layers
2. (70%) Creating designs through effective use of tools
 - a. shape tool
 - b. type tool
 - c. section and direct selection tool
 - d. shape builder and pathfinder
 - e. pen tool
 - f. color adjustment tool
 - g. eyedropper
3. (15%) Placing Images
 - a. image trace
 - b. embedding images
 - c. linking images
4. (5%) Utilizing keyboard commands for commonly used functions

Methods of Evaluation

Which of these methods will students use to demonstrate proficiency in the subject matter of this course? (Check all that apply):

Problem solving exercises
Skills demonstrations

Methods of Evaluation may include, but are not limited to, the following typical classroom assessment techniques/required assignments (check as many as are deemed appropriate):

Graphic/architectural designs
Individual projects
Quizzes
Skills demonstrations

Instructional Methodology

Specify the methods of instruction that may be employed in this course

Computer-aided presentations
Class activities
Distance Education

Demonstrations
 Instructor-guided use of technology
 Lecture

Describe specific examples of the methods the instructor will use:

- The instructor will use a projector to demonstrate how use set-up a document and use tools to create designs.
- Instructor will use guided document templates for students to design on top of to focus student's practice for each tool.

Representative Course Assignments

Writing Assignments

1. Take Notes on Adobe Illustrator tools and note what each tool is used to do
2. Explain the difference between vector and raster artwork and why one type would be used over the other

Critical Thinking Assignments

1. Correctly identify tools in Illustrator and explain what they do.
2. Create a design through an effective use and variety of tools according to a prompt.

Reading Assignments

1. Read and comprehend definitions of key terminology in the packet provided by the instructor.
2. Read from the instructor provided packet about the differences between vector and raster artwork and why one type of artwork would be beneficial over the other.

Skills Demonstrations

1. Demonstrate ability to create a document and to set artboard size and color mode according to a set of specifications.
2. Demonstrate ability to image trace by finding a raster image, placing it into a document, and turning it into a vector.
3. Demonstrate the ability to create unique shapes through the use of the pen tool, shape tools, shape builder, and pathfinder.

Outside Assignments

Articulation

Equivalent Courses at other CCCs

College	Course ID	Course Title	Units
no noncredit course found			

Textbooks and Lab Manuals

Resource Type

Textbook

Description

Wood, Brian. *Adobe Illustrator Classroom in a Book*. Adobe Press, 2020.

Resource Type

Other Instructional Materials

Description

Instructor-generated Adobe Illustrator for the MakerSpace Packet containing worksheets, guided activities, key terms, and keyboard commands.

Library Resources

Assignments requiring library resources

Research using the Library's print and online resources.

Example of Assignments Requiring Library Resources

Use the library to locate reference items for graphic design principles and elements.

Distance Education Addendum

Definitions

Distance Education Modalities

Hybrid (51%–99% online)
Hybrid (1%–50% online)
100% online

Faculty Certifications

Faculty assigned to teach Hybrid or Fully Online sections of this course will receive training in how to satisfy the Federal and state regulations governing regular effective/substantive contact for distance education. The training will include common elements in the district-supported learning management system (LMS), online teaching methods, regular effective/substantive contact, and best practices.

Yes

Faculty assigned to teach Hybrid or Fully Online sections of this course will meet with the EAC Alternate Media Specialist to ensure that the course content meets the required Federal and state accessibility standards for access by students with disabilities. Common areas for discussion include accessibility of PDF files, images, captioning of videos, Power Point presentations, math and scientific notation, and ensuring the use of style mark-up in Word documents.

Yes

Regular Effective/Substantive Contact

Hybrid (1%–50% online) Modality:

Method of Instruction	Document typical activities or assignments for each method of instruction
Other DE (e.g., recorded lectures)	Recorded lectures, Narrated Slides, Screencasts, Instructor created content, Discussions, 3rd Party (Publisher) Tools, Websites and Blogs, Multimedia (YouTube, Films on Demand, 3CMedia, Khan Academy, etc.)
Asynchronous Dialog (e.g., discussion board)	Regular Asynchronous discussion boards will be used to encourage discussion among students where they can compare and contrast/ discuss /identify and analyze elements of course outcomes. Other discussion boards will also be used for Q&A, and general class discussion by students and the instructor to facilitate student learning outcomes.
Synchronous Dialog (e.g., online chat) E-mail	Communication, Online office hours, Online group discussions. Email, class announcements and tools such as “Message Students Who” and “Assignment Comments” in Canvas will be used to regularly communicate with all students to clarify class content, remind of upcoming assignments, and provide immediate feedback to students on coursework to facilitate student learning outcomes. Students will be given multiple ways to email instructor through Canvas inbox and faculty provided email account through their own canvas email and school email.

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100% online Modality:**Method of Instruction****Document typical activities or assignments for each method of instruction**

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Examinations**Hybrid (1%–50% online) Modality**

Online

Hybrid (51%–99% online) Modality

Online

Primary Minimum Qualification

GRAPHIC ARTS

Review and Approval Dates**Department Chair**

11/17/2020

Dean

11/20/2020

Technical Review

12/03/2020

Curriculum Committee

01/19/2021

DTRW-I

02/11/2021

Curriculum Committee

MM/DD/YYYY

Board

03/09/2021

CCCCO

MM/DD/YYYY

DOE/accreditation approval date

MM/DD/YYYY