

IMAGE EDITING 2
COURSE CODE: 5341

COURSE DESCRIPTION:

This course is designed to provide the student with advanced and in-depth knowledge and skills necessary for utilizing digital imaging software to edit and design images, web graphics, animation, and video. Successful completion of this course will prepare the student to take industry certification test(s).

OBJECTIVE:

Given the necessary equipment, supplies, and facilities, the student will be able to successfully complete all of the core standards.

COURSE CREDIT: 1 Carnegie unit

PREREQUISITE: Image Editing 1

RECOMMENDED GRADE LEVEL: 10-12

COMPUTER REQUIREMENT: One computer per student; Internet access

SOFTWARE REQUIREMENT: Adobe® Photoshop

RESOURCES

www.mysctextbooks.com

INDUSTRY CREDENTIALS/CERTIFICATIONS AVAILABLE:

Adobe Certified Associate (ACA) Visual Communication Using Adobe Photoshop

A. SAFETY

1. Review school safety policies and procedures.
2. Review classroom safety rules and procedures.
3. Review safety procedures for using equipment in the classroom.
4. Identify major causes of work-related accidents in office environments.
5. Demonstrate safety skills in an office/work environment.

B. STUDENT ORGANIZATIONS

1. Identify the purpose and goals of a Career and Technology Student Organization (CTSO).
2. Explain how CTSOs are integral parts of specific clusters, majors, and/or courses.
3. Explain the benefits and responsibilities of being a member of a CTSO.

4. List leadership opportunities that are available to students through participation in CTSO conferences, competitions, community service, philanthropy, and other activities.
5. Explain how participation in CTSOs can promote lifelong benefits in other professional and civic organizations.

C. TECHNOLOGY KNOWLEDGE

1. Demonstrate proficiency and skills associated with the use of technologies that are common to a specific occupation.
2. Identify proper netiquette when using e-mail, social media, and other technologies for communication purposes.
3. Identify potential abuse and unethical uses of laptops, tablets, computers, and/or networks.
4. Explain the consequences of social, illegal, and unethical uses of technology (e.g., piracy; illegal downloading; licensing infringement; inappropriate uses of software, hardware, and mobile devices in the work environment).
5. Discuss legal issues and the terms of use related to copyright laws, fair use laws, and ethics pertaining to downloading of images, photographs, documents, video, sounds, music, trademarks, and other elements for personal use.
6. Describe ethical and legal practices of safeguarding the confidentiality of business-related information.
7. Describe possible threats to a laptop, tablet, computer, and/or network and methods of avoiding attacks.

D. PERSONAL QUALITIES AND EMPLOYABILITY SKILLS

1. Demonstrate punctuality.
2. Demonstrate self-representation.
3. Demonstrate work ethic.
4. Demonstrate respect.
5. Demonstrate time management.
6. Demonstrate integrity.
7. Demonstrate leadership.
8. Demonstrate teamwork and collaboration.
9. Demonstrate conflict resolution.
10. Demonstrate perseverance.
11. Demonstrate commitment.
12. Demonstrate a healthy view of competition.
13. Demonstrate a global perspective.
14. Demonstrate health and fitness.
15. Demonstrate self-direction.
16. Demonstrate lifelong learning.

E. PROFESSIONAL KNOWLEDGE

1. Demonstrate effective speaking and listening skills.
2. Demonstrate effective reading and writing skills.
3. Demonstrate mathematical reasoning.
4. Demonstrate job-specific mathematics skills.
5. Demonstrate critical-thinking and problem-solving skills.
6. Demonstrate creativity and resourcefulness.
7. Demonstrate an understanding of business ethics.
8. Demonstrate confidentiality.
9. Demonstrate an understanding of workplace structures, organizations, systems, and climates.
10. Demonstrate diversity awareness.
11. Demonstrate job acquisition and advancement skills.
12. Demonstrate task management skills.
13. Demonstrate customer-service skills.

F. ADVANCED TOOLS AND TECHNIQUES

1. Customize and save palettes, workspaces, and tool settings.
2. Utilize advanced features of tools and adjustment layers.
3. Utilize the following features of the brushes panel: brush tip, shape dynamics, scattering, texture, color dynamics, wet edges, and smoothing.
4. Batch process images.
5. Utilize advanced features and settings of filter effects.

G. IMAGE RESTORATION

1. Correct exposure errors to improve color, contrast, and tone.
2. Restore images, correct damage, and reconstruct missing image information.
3. Retouch photos to modify skin, makeup, and hair.

H. WORKING WITH VECTOR GRAPHICS

1. Create and edit vector paths.
2. Mask images with paths.
3. Modify shapes using the Direct Selection Tool.

I. WORKING WITH CAMERA RAW

1. Identify the differences between Camera RAW and interpolated images.
2. Manipulate images in Camera RAW.

J. CREATING 3D GRAPHICS

1. Extrude 3D text and objects.
2. Rotate 3D objects.
3. Adjust settings for 3D objects.

K. WORKING WITH ACTIONS

1. Identify the advantages and disadvantages of utilizing actions.
2. Play, create, record, test, and save actions.

L. CREATING WEB GRAPHICS

1. Identify file formats utilized for web graphics.
2. Create and slice a website mockup.
3. Optimize and save sliced graphics.

M. CREATING ANIMATIONS AND VIDEO (OPTIONAL)

1. Identify file formats utilized for animations and videos.
2. Utilize the timeline to create animations and videos.
3. Incorporate audio into animations and videos.
4. Utilize adjustment layers with video smart objects.
5. Create an animated GIF.
6. Use advanced layer features to create animations and video effects.
7. Apply transitions to videos.
8. Animate position, opacity, and style in animations and videos.

N. PRODUCING DOCUMENT-READY IMAGES

1. Specify color management settings.
2. Preview an image.
3. Adjust an image.
4. Select various printer options (i.e., orientation, duplex, number of copies).
5. Print an image.

O. PORTFOLIO

1. Explain the purpose of portfolios and how to select the pieces to include in the portfolio.
2. Create a resumé to include in the portfolio.
3. Assemble a career portfolio of a variety of documents produced in the course.