SCOTTSDALE COMMUNITY COLLEGE
A MARICOPA COMMUNITY COLLEGE

Course Information

Semester & Year:	Spring 2024
Course Title:	Digital Visualization for Design
Course Prefix & Number:	INT 122
Section Number:	16208
Credit Hours:	3.0
Start Date:	January 22, 2024
End Date:	May 10, 2024
Room Number:	AP 294
Meeting Days:	Monday
Meeting Times:	12:00PM – 2:30PM

Course Format

This class is a Hybrid course, which means we meet roughly 50% of the time in class, and 50% of the time you will be prepping outside of classroom meeting time. You will still be required to submit assignments and projects for weekly deadlines. All lessons, tutorials, and projects are video enhanced with captioning.

Instructor Information

Instructor:	Cherise Robb; call me “CJ”
Email:	contact through Canvas Inbox
Phone:	Office: 480-423-6441 or text only: 480-251-5792
Office Location:	AP244
Office hours:	See next page for details.

Office Hours: Monday 2:30 PM – 3:30 PM, directly after class in AP 294

Tuesday 11:00 AM – 12:00 PM, AP 244 (Cj's office)

Wednesday 2:30 – 3:30 PM, AP 244 or AP 294

All tutoring requests should be made through the Canvas Inbox. All tutoring appointments are conducted through Zoom, and students must have the Zoom app installed prior to the tutoring meeting. I will not conduct tutoring in person or on Zoom without the application. Students may not meet by holding a cell phone up to the computer monitor.

Course Description

Introduction to raster-based rendering techniques utilizing interior design and landscape drawings. Comparison of raster-based rendering to vector-based rendering and presentation techniques utilizing leading industry software such as Adobe Photoshop and Adobe Illustrator.

To participate in this class, you will need to have access to Adobe Photoshop, Illustrator, and Acrobat. These titles can be accessed through one of the following options: MySCC (Citrix), AP 294 classroom computer, the CAD Lab, or a personal Adobe Creative Cloud subscription.

Important Note: if you are working from home, Adobe software cannot be installed on a Chromebook.

Prerequisites

None.

Course Competencies

1. Demonstrate knowledge of various file types for different purposes: working file, print, and web. (I)
2. Transfer Computer-Aided Design (CAD) drawings into raster-based software program, like Adobe Photoshop, while maintaining drawing scale. (I,II)
3. Create two-dimensional renderings of CAD drawings in a raster-based software program. (II, III)

4. Create professional interior design or landscape design presentations utilizing vector-based software such as Adobe Illustrator. (III, IV, VI)
5. Produce “quick” renderings using vector-based software. (I, III, IV, V)
6. Apply problem solving skills to develop a digital portfolio for print and web. (VI)

Texts and Course Materials

There is no book required for this course. However you will need to subscribe to the Adobe Creative Suite to download Adobe Photoshop and Adobe Illustrator software applications.

Course Technologies

View the Accessibility Statements & Privacy Policies of technologies used in this course.

Maricopa Systems

This course uses key Maricopa systems for course management and communication.

- Canvas Learning Management System
- Student Maricopa Gmail Account
- Maricopa Open Educational Resource Learning System (MOER)

Synchronous Communication Tools

This course implements the use of web conferencing and/or other synchronous course tools.

- Webex
- Google Meet

Streaming Media/Audio/Video Tools

This course uses webcasting, lecture capture systems, YouTube, and/or other streaming media services.

- YouTube
- Instructor-owned videos

Student Assignment Tools

This course requires students to participate in or submit assignments using desktop or cloud-based applications.

- Google Products
- Microsoft Office 365
- Screencast-O-Matic
- Adobe Creative Cloud

Course Policies

The following are policies specific to this course. Students are also responsible for the college policies included on the Student Regulations page of the Maricopa Community College District website.

Course of Study:

The course content is defined through the creation of video demonstrations, and activities designed to increase the student's knowledge and skills design production. As a professional designer with more than fifteen years of experience I believe that the best tools to arm design students with is an ability to think critically. An employee's most marketable skill in an ever-changing workforce is the ability to think and adapt to the world around you. Little more than thirty years ago interior designers and architects could not have imagined drawing on a computer. Now, proficiency in CAD, and all CAD-related software programs is the industry standard for entry-level designers. Acquisition of knowledge is a life-long process. However, it is not necessarily the most knowledgeable designers that are the most sought; it is more often the most skilled. Drawing, drafting, working on the computer, and following a technical workflow are highly sought skills in the workplace.

The intent of studio time is to provide students the opportunity to "learn by doing." Process is much more highly valued in this class than the end-product. It doesn't matter if your project isn't as "beautiful" or "pleasing" as a classmate's project. You will be graded on your ability to directly decipher technical instructions and meet deadlines. Work hard and enjoy the benefits for many years.

Grade Evaluation:

All projects, in-class assignments, homework, and final course requirements are listed in full on Canvas, the official learning management system of the Maricopa Colleges. The schedule is intended to help you budget your time so that you can complete the work for this course

in a timely manner. We make every effort to adhere to the posted schedule. However, it may become necessary to adjust the schedule if the class progresses more quickly or slowly than anticipated. I appreciate your cooperation to present the best class in the allotted time available to us.

Evaluation:

Categories:

1. MG: Meet & Greet, Team Building **5%** of overall grade
2. SPA: Studio Preparation Assignments **25%** of the overall grade
3. PP: Projects, worth **60%** of the overall grade
4. FP - Final Assignments & Projectst, worth **10%** of the overall grade
5. CE - Course evaluation, worth **0%** of the overall grade

TOTAL: 100%

A grade of A, B, C, D, or F will be awarded if a student completes all the work for the course, including the final project. Withdrawal of "W" will be awarded if a student stops attending class each week and FORMALLY requests withdrawal in writing, and only on the grounds that the student's work was of acceptable and passing at the time of the withdrawal. When formally requesting withdrawal from the course, the student must include contact information for the instructor to contact them to acknowledge receipt of the request. Email through Canvas is the recommended method of communication.

A grade of "Y" will be administered if the student's work is not acceptable, i.e., if the student is failing the course at the time of the requested withdrawal. The instructor will indicate date of last attendance for all withdrawals. This information is communicated to federal financial aid agencies.

An incomplete grade is granted only at the discretion of the instructor, and only in extreme circumstances.

SPA's: Studio Preparation Assignments:

SPA's are the single most efficient strategy for learning in this course. Before each face-to-face, Hybrid, or LIVE class meeting you will be required to view a video on the topic to be covered during the following studio meeting. Each video demonstrates a particular technique that will be highlighted in the next class. To demonstrate that you have watched the video, a classroom preparation assignment, SPA, must be completed and submitted to Canvas. Partially completed SPA's will be accepted, and the **2 lowest scores will be dropped.** SPA's will be graded based on a point value. ***SPAs cannot be resubmitted at a later date for a higher grade; only projects that meet the original due date may be resubmitted for a higher grade during the semester.*** ***These cannot be made up past the deadline.***

Grading Standards & Practices

Grade Scale

Letter Grade	Points Range
A	90 – 100%
B	80 – 89%
C	70 – 79%
D	60 – 69%
F	0 – 59%

Response Time

Students can expect a response time of 24 hours or less weekdays for the instructor to respond to messages sent via the Canvas Learning Management System or email. Students can expect assignments to be graded within 24-48 hours of the assignment's due date.

Attendance Policy

Hybrid and/or Live Online attendance is optional. However, all deadlines must be met.

Instructional Contact Hours (Seat Time)

This is a three (3) credit-hour course. Plan to spend at least three hours on course content or seat time (direct instruction) and six hours on homework weekly. Accelerated courses will require additional time per week.

Online Tutoring

SCC's tutors are available online to help with your courses. You may work with an SCC tutor remotely using Google Meet, your phone, or email. Visit the SCC Tutoring & Learning Centers page for detailed information on the five learning center's hours and procedures.

As much as possible, it is highly recommended that you utilize SCC tutors since they are more familiar with SCC coursework, instructor expectations, and assignments; however, if you need to work with a tutor outside regular hours, online and hybrid students now have access to a 24/7 online tutoring service called Brainfuse. Brainfuse provides online tutoring in a variety of academic subjects. Each student may utilize up to 6 hours of online tutoring through Brainfuse per semester, and has the option of requesting additional time if needed.

To access Brainfuse and begin working with a tutor:

1. Visit the SCC Online Tutoring Services Through Brainfuse page (https://www.scottsdalecc.edu/students/tutoring/online-tutoring)
2. Click the **Visit a tutor online** button
3. Enter your MEID and password
4. Choose your topic and subject
5. Click the **Connect** button

Please use your time effectively and be prepared with your questions before you connect to a tutor. Tutors and students communicate in real-time so whatever you type, draw, or share on the screen, the tutor sees, and vice versa. You may also want to have screenshots ready if applicable. All Brainfuse sessions are recorded for review later.

Generative Artificial Intelligence (AI) Policy

Opening Statement Regarding Generative Artificial Intelligence (AI)

The World Economic Forum defines generative AI as "a category of artificial intelligence (AI) algorithms that generate new outputs based on the data they have been trained on. Unlike traditional AI systems that are designed to recognize patterns and make

predictions, generative AI creates new content in the form of images, text, audio, and more."

Some examples of generative AI tools include but are not limited to: ChatGPT, Google Bard, Microsoft Copilot, Stable Diffusion, GrammarlyGo, and Adobe Firefly.

No Generative Artificial Intelligence (AI) Allowed

In this class, all work submitted must be your own. The use of generative AI tools will be considered academic misconduct (see Administrative Regulation 2.3.11 1.B(b)) and will be treated as such. If you are unsure if the tool or website you are using is a generative AI tool, please contact the instructor for further clarification before using the tool or website.

Learning Tools and Your Privacy and Security

SCC utilizes a variety of software applications and web-based tools operated by third party vendors to support student learning. To allow student access to the application, site or tool, certain identifiable information may be required to establish a user name or password, and submit work and/or download information from these tools. Inherent with all internet-based tools, there is a risk that individuals assume when electing to use these tools, as they may place information at risk of disclosure.

To use learning tools responsibly, please observe all laws and the Maricopa Community College District Student Conduct Code, such as copyright infringement, plagiarism, harassment or interference with the underlying technical code of the software. As a student using a learning tool, you have certain rights. Any original work that you produce belongs to you as a matter of copyright law. You also have a right to the privacy of your educational records. Your contributions to learning tools constitute an educational record. By using the tool, and not taking other options available to you in this course equivalent to this assignment that would not be posted publicly on the internet, you consent to the collaborative use of this material as well as to the disclosure of it in this course and potentially for the use of future courses.

Students are responsible for the information contained in this syllabus, the Syllabus page in your Canvas course and the **College Policies & Student Services** page found in the First Steps module of your Canvas course. Students will be notified by the instructor of any changes in course requirements or policies.