

Syllabus for 3D Design

Course Information

Semester & Year: Spring 2022

Course ID & Section #: Art 11, Section 2611

Instructor's name: David Zdrazil

Location: CA 135. 2:50-6 pm Monday and Wednesday

Course units:3

Instructor Contact Information

Office location and hours: Please make an appointment.

Email address: Please contact me through the e-mail feature in Canvas, or at dave-zdrazil@redwoods.edu

Catalog Description

A course that lays the foundation for all 3-D art forms. Using basic inexpensive materials students will be introduced to the elements and principles of 3-D design and construction.

Course Student Learning Outcomes (from course outline of record)

- 1. Design and create objects that respond to historical, contemporary, and multicultural materials, concepts, and approaches to artmaking.
- 2. Explain in oral and written formats the role of artists and 3-D art-forms in society.
- 3. Demonstrate fluency with the formal elements of three-dimensional design such as balance, harmony, texture, composition, mass, volume, color, value contrast.

Recommended Text

Textbook Title: **Design Basics 3D**

Author: Richard Roth and Stephen Pentak

ISBN: 978-0-495-91578-2

Other requirements / materials:

You will be notified of materials required before each project. Some materials and tools will be provided by CR, some things you'll need to provide include: Sketchbook, Pencils & pens, Scissors, Exacto / Utility knife, Masking Tape, Glue, Metal Ruler, Needle nose pliers (with cutter), hand towel (for wiping your hands when we work with clay, etc.), safety glasses, tool box. You may need to acquire more supplies than are listed here. We will also be using various technology, and exploring the use of smartphones and apps in some projects.

Prerequisites/co-requisites/ recommended preparation

Necessary Computer Skills Online courses require adequate computer skills. You must be able to navigate websites, open and download files, and submit files to Canvas. It is the student's responsibility to meet the technological demands of the course. The instructors are here to provide course content while technical assistance can be obtained through links at the CR homepage under Academic Support Services or Online Classes.

Technology Requirements (computer, other hardware, and software). Most computers and internet providers are adequate. Software you will need includes a word processing program, video and audio software (free versions these are available for most computers) and speakers for sound. I would recommend broadband services such as cable, DSL, or satellite providers. You need to have reliable access to the internet at least twice a week for 17 weeks

Technology Support. The instructor can only provide limited technical support. Please refer to the Canvas "Help" for help or when necessary contact Tech. Support at CR. Before contacting Technical Support please visit the <u>Online Support Page</u>. For password issues with Canvas, Web Advisor or your mycr.redwoods.edu email, contact <u>Technical Support or call 707-476-4160</u> or 800-641-0400 ext. 4160 between 8:00 A.M. and 4:00 P.M., Monday through Friday.

Accessibility

Students will have access to online course materials that comply with the Americans with Disabilities Act of 1990 (ADA), Section 508 of the Rehabilitation Act of 1973, and College of the Redwoods policies. Students who discover access issues with this class should contact the instructor.

College of the Redwoods is also committed to making reasonable accommodations for qualified students with disabilities. If you have a disability or believe you might benefit from disability-related services and accommodations, please contact your instructor or <u>Disability Services and Programs for Students</u> (DSPS). Students may make requests for alternative media by contacting DSPS based on their campus location:

- Eureka: 707-476-4280, student services building, 1st floor
- Del Norte: 707-465-2324, main building near library
- Klamath-Trinity: 530-625-4821 Ext 103

During COVID19, approved accommodations for distance education classes will be emailed to the instructor by DSPS. In the case of face to face instruction, please present your written accommodation request to your instructor at least one week before the first test so that necessary arrangements can be made. Last-minute arrangements or post-test adjustments cannot usually be accommodated.

Support for online learners during COVID-19

In response to COVID-19, College of the Redwoods moved the majority of its courses online to protect health and safety. As the faculty and students adjust to this change, clear communication about student needs will help everyone be successful. Please let me know about any specific challenges or technology limitations that might affect your participation in class. I want every student to thrive.

Evaluation & Grading Policy

A=93% and above, A-=90-92%, B+=88-89%, B=83-87, B-=80-82%, C+=78-79%, C=65-77%, D=60-64%, F=59% and below

Your final grade will be determined by adding the three following components:

1) Projects & In Class Activities: (400 pts.): There will be 4 main studio projects, each worth 100 points. Specific information pertaining to assignment descriptions will be made available well in advance of the due-date. Work will be graded on content, composition, craftsmanship, presentation (critique), and on achieving objectives using a 100-pt grading system.

Projects submitted late are lowered one letter grade for each day they are late. Projects are not accepted if they are more than three days late. If you are late to a 'Critique', your project is late too! If you are absent for unexcused reasons you should turn in your project early or have a friend bring it to class for you. If you are unable to get to school, you could also email me with attached photographs of your finished project before class-time. Make sure the photo quality is good enough that all the detail is clearly visible.

2) Sketchbook assignments (120 pts.) There will be at least 4 sketchbook assignments, usually preparatory sketches for the studio projects.

- 3) Quizzes: (50 pts.) There will be 4 quizzes total. Quizzes will be multiple choice and focus on material we cover in class and from the book Design Basics 3D.
- 4) 3D Printing project: (50 pts)- There will be an introductory project focusing on the capabilities of 3D printing an or 3D scanner. This project is due at the end of the semester in order to provide enough time for students to work individually with the equipment. Learning 3D modeling software is not a major component in this class.

3D Design Schedule Fall 2022

The following schedule is only a partial listing, there may be more activities and assignments added. If the schedule is changed, students will be made aware of changes via announcements and/or class e-mail in a timely manner.

Week: Monday Wednesday

Week 1: January 19	No Class (MLK Birthday)	Introduction, Lecture, Discussion
Week 2: January 24, 26	Project 1 Intro. Demonstration	Sketches Due, Lecture, studio time
Week 3: Jan 31, Feb 2	Lecture, studio time	Lecture, Ch. 2 The Vessel, Process, Series, Concept. Studio time
Week 4: February 7, 9	Studio Time, Ch. 2 Sketching, Prototypes	Project 1 Due, CRITIQUE Intro. Project 2
Week 5: February 14, 16	Sketchbook Assignment Due Ch. 2 Sources, Worldview Lecture, studio time	Quiz #1: Chapters 1&2, Ch. 3 Design Elements Lecture, studio time
Week 6: February 21, 23	No Class, President's Day	Studio time
Week 7: Feb 28, March 2	Project 2 Due, CRITIQUE, Intro. Project 3 & 3D Printing Project	Sketchbook Assignment Due, Ch. 3 Lecture, studio time
Week 8: March 7, 9	Studio time	Introduce Project 4 Ch. 4 Design Principles
Week 9: March 14, 16	Spring Break!	
Week 10: March 21,23	Lecture, studio time	
Week 11: March 28 ,30	Quiz #2: Chapters 3&4, Lecture, studio time	Project 3 Due, CRITIQUE, Lecture, studio time
Week 12: April 4, 6	Ch. 5 Material. Lecture	Lecture, Studio time
Week 13: April 11, 13	Sketchbook Assignment Due	Studio time.
Week 14: April 18, 20	Ch. 6 Structure. Lecture, studio time	Quiz #3: Chapters 5&6
Week 15: April 25, 27	Sketchbook Assignment Due, Demonstration, Ch.7 Function Lecture, studio time	Ch. 8 Figuration. Lecture, studio time
Week 16: May 2, 4	Ch. 9 Forming and Fabrication. Lecture, studio time	Project 4 Due, CRITIQUE, Clean out studio
Week 17: Monday May 9	FINAL: 3:15-5:15pm, Quiz# 4: Chapters 7,8,9 Last Day to submit 3D Print Project.	

^{**}This syllabus and schedule may be altered as unforeseen situations arise; students will be made aware of changes via announcements and/or class e-mail in a timely manner.

Students who have experienced extenuating circumstances can complete & submit the *Excused Withdrawal Petition* to request an Excused Withdrawal (EW) grade instead of the current Withdrawal (W) or non-passing (D, F & NP) grades. The EW Petition is available from the Admissions and Records Forms Webpage. Supporting documentation is required.

Academic dishonesty

In the academic community, the high value placed on truth implies a corresponding intolerance of scholastic dishonesty. In cases involving academic dishonesty, determination of the grade and of the student's status in the course is left primarily to the discretion of the faculty member. In such cases, where the instructor determines that a student has demonstrated academic dishonesty, the student may receive a failing grade for the assignment and/or exam and may be reported to the Chief Student Services Officer or designee. The Student Code of Conduct (AP 5500) is available on the College of the Redwoods website. Additional information about the rights and responsibilities of students, Board policies, and administrative procedures is located in the College Catalog and on the College of the Redwoods website.

Disruptive behavior

Student behavior or speech that disrupts the instructional setting will not be tolerated. Disruptive conduct may include, but is not limited to: unwarranted interruptions; failure to adhere to instructor's directions; vulgar or obscene language; slurs or other forms of intimidation; and physically or verbally abusive behavior. In such cases where the instructor determines that a student has disrupted the educational process, a disruptive student may be temporarily removed from class. In addition, the student may be reported to the Chief Student Services Officer or designee. The Student Code of Conduct (AP 5500) is available on the College of the Redwoods website. Additional information about the rights and responsibilities of students, Board policies, and administrative procedures is located in the College Catalog and on the College of the Redwoods website.

Inclusive Language in the Classroom

College of the Redwoods aspires to create a learning environment in which all people feel comfortable in contributing their perspectives to classroom discussions. It therefore encourages instructors and students to use language that is inclusive and respectful.

Setting Your Preferred Name in Canvas

Students have the ability to have an alternate first name and pronouns to appear in Canvas. Contact Admissions & Records to request a change to your preferred first name and pronoun. Your Preferred Name will only be listed in Canvas. It does not change your legal name in our records. See the Student Information Update form.

Canvas Information

If using Canvas, include navigation instructions, tech support information, what Canvas is used for, and your expectation for how regularly students should check Canvas for your class.

Log into Canvas at https://redwoods.instructure.com

Password is your 8 digit birth date

For tech help, email its@redwoods.edu or call 707-476-4160

Canvas Help for students: https://www.redwoods.edu/online/Help-Student

Canvas online orientation workshop: https://www.redwoods.edu/online/Home/Student-Resources/Canvas-Resources

Community College Student Health and Wellness

Resources, tools, and trainings regarding health, mental health, wellness, basic needs and more designed for California community college students, faculty and staff are available on the California Community Colleges Health & Wellness website. Wellness Central is a free online health and wellness resource that is available 24/7 in your space at your pace. Students seeking to request a counseling appointment for academic advising or general counseling can email counseling@redwoods.edu.

Emergency procedures / Everbridge

College of the Redwoods has implemented an emergency alert system called Everbridge. In the event of an emergency on campus you will receive an alert through your personal email and/or phones. Registration is not necessary in order to receive emergency alerts. Check to make sure your contact information is up-to-date by logging into WebAdvisor https://webadvisor.redwoods.edu and selecting 'Students' then 'Academic Profile' then 'Current Information Update.'

Please contact Public Safety at 707-476-4112 or security@redwoods.edu if you have any questions. For more information see the Redwoods Public Safety Page.

In an emergency that requires an evacuation of the building anywhere in the District:

- Be aware of all marked exits from your area and building
- Once outside, move to the nearest evacuation point outside your building
- Keep streets and walkways clear for emergency vehicles and personnel

Do not leave campus, unless it has been deemed safe by the campus authorities.

Student Support Services

The following online resources are available to support your success as a student:

- CR-Online (Comprehensive information for online students)
- Library Articles & Databases
- Canvas help and tutorials
- Online Student Handbook

Counseling offers assistance to students in need of professional counseling services such as crisis counseling.

Learning Resource Center includes the following resources for students

- <u>Academic Support Center</u> for instructional support, tutoring, learning resources, and proctored exams. Includes the Math Lab & Drop-in Writing Center
- <u>Library Services</u> to promote information literacy and provide organized information resources.
- Multicultural & Diversity Center

Special programs are also available for eligible students include

- <u>Extended Opportunity Programs & Services (EOPS)</u> provides financial assistance, support and encouragement for eligible income disadvantaged students at all CR locations.
- The TRiO Student Success Program provides eligible students with a variety of services including trips to 4year universities, career assessments, and peer mentoring. Students can apply for the program in <u>Eureka</u> or in <u>Del Norte</u>
- The <u>Veteran's Resource Center</u> supports and facilitates academic success for Active Duty Military, Veterans and Dependents attending CR through relational advising, mentorship, transitional assistance, and coordination of military and Veteran-specific resources.
- Klamath-Trinity students can contact the CR KT Office for specific information about student support services at 530-625-4821