

Spring 2026

DT-71 Architectural Drafting Fundamentals



Course Information

Semester & Year: Spring 2026

Course ID & Section #: DT-71 (E0807)

Instructor's name: Douglas Hartling

Day/Time of required meetings: Mon/Wed 6:05pm to 8:35pm

Location: HU206

Number of proctored exams: 2

Course units: 3



Instructor Contact Information

Office location: HU206

Office hours: By Appointment



Phone number: (707) 499-8313

Email address: Douglas-Hartling@Redwoods.edu



CR Email is the most efficient method of communication for this course.



Required Material

Tools that students need to bring: Pencil, notebook, a way to save files (USB or Cloud).



Catalog Description



Course Student Learning Outcomes

- Demonstrate knowledge of architecture and architectural drafting techniques.
- Use CAD software to create 3D building information models (BIM) with consideration for common building practices, applicable codes, and CAD standards.
- Research, document, and present various aspects of architecture.



Course Calendar

Week	Monday/Tuesday	Wednesd.
01	MLK Holiday	Intro 01-intro
02	Site 02-learning-from-the-site	Property 03-property
03	Wall Construction 04-wall-construction	Walls 05-walls



Week	Monday/Tuesday	Wednesd.
04	<u>Door Construction</u> (https://redwoods.instructure.com/courses/21512/pages/day-06-doors)	<u>Doors</u> (https://redwoods.instructure.com/courses/21512/pages/day-07-doors)
05	PRESIDENTS' DAY	<u>Window</u> (https://redwoods.instructure.com/courses/21512/pages/day-08-window)
06	<u>Windows/Schedules In Revit</u> (https://redwoods.instructure.com/courses/21512/pages/day-09-windows-in-revit)	<u>Floors &</u> (https://redwoods.instructure.com/courses/21512/pages/day-10-floor-c)
07	<u>Fixtures</u> (https://redwoods.instructure.com/courses/21512/pages/day-12-fixtures)	<u>Fixture</u> (https://redwoods.instructure.com/courses/21512/pages/day-13-fixtu)
08	<u>Midterm Preview</u> (https://redwoods.instructure.com/courses/21512/pages/day-14-midterm-preview)	<u>Mi</u> (https://redwoods.instructure.com/courses/21512/pages/day-15-mid)
09	SPRING BREAK	SPRING BREAK
10	<u>Power & Lighting</u> (https://redwoods.instructure.com/courses/21512/pages/day-16-power-and-lighting)	<u>Reflected</u> (https://redwoods.instructure.com/courses/21512/pages/day-17-reflecte)
11	<u>Roofs In Revit</u> (https://redwoods.instructure.com/courses/21512/pages/day-19-roofs)	<u>Elevatic</u> (https://redwoods.instructure.com/courses/21512/pages/day-20-el)
12	Free Night	<u>Creatin</u> (https://redwoods.instructure.com/courses/21512/pages/day-21-f)
13	<u>Sections In Revit</u> (https://redwoods.instructure.com/courses/21512/pages/day-22-sections)	<u>Detail</u> (https://redwoods.instructure.com/courses/21512/pages/day-23-d)
14	<u>Site Plan</u> (https://redwoods.instructure.com/courses/21512/pages/day-24-site-plan)	<u>Cove</u> (https://redwoods.instructure.com/courses/21512/pages/day-27-co)
15	<u>Presentations</u> (https://redwoods.instructure.com/courses/21512/pages/day-25-presentations)	<u>Prese</u> (https://redwoods.instructure.com/courses/21512/pages/day-26-pres)



Week	Monday/Tuesday	Wednesd.
16	Plan Set . (https://redwoods.instructure.com/courses/21512/pages/day-28-plan-set)	Final
17	Final Exam Mon, May 11, from 5:30-7:30	



Evaluation & Grading Policy

Methods of Evaluation: The final grade you receive will be based on the following criteria:

60% Assignments	Grade Scale: 100% - 90%	A
10% Participation	89% - 80%	B
10% Midterm	79% - 70%	C
10% Final	69% - 60%	D
10% Presentation	59% - 0%	F

*Late work, for any reason, is penalized 20% and will not be accepted for credit more than 2 weeks after it is due.

*Per CR policy, students with 4 absences prior to the end of the 10th week will be dropped from the course.

Grading Methods:

Each assignment is graded separately for each student, meaning there is no curve. For each incorrect portion of the drawing, 1/2 a point will be deducted from the drawing's grade. can be changed depending on the severity of the mistake by the instructor.



Participation is based on taking a quiz on Canvas at the beginning of each class. Students will have 10 minutes total for the quiz; 5 minutes prior to the start of class and 5 minutes after the beginning of class. Students will get 2 points on each quiz regardless of answering questions correctly or not. If a student leaves early, they will lose 1 point. At the end of the semester, the instructor may add or subtract points depending on class participation and attitude.

Assignments are weighted by group:

Group	Weight
Assignments	60%
Participation	10%
Midterm Exam	10%
Final Exam	10%
Presentation	10%
Total	100%



Prerequisites / Co-requisites / Recommended Preparation

DT23 OR ENGR23





Educational Accessibility & Support

College of the Redwoods is committed to providing reasonable accommodations for qualified students who could benefit from additional educational support and services. You may qualify if you have a physical, mental, sensory, or intellectual condition which causes you to struggle academically, including but not limited to:



- Mental health conditions such as depression, anxiety, PTSD, or bipolar disorder
- Common ailments such as arthritis, asthma, diabetes, autoimmune disorders and diseases
- Temporary impairments such as a broken bone, recovery from significant surgery, or a pregnancy-related disability
- Neurodevelopmental disorders such as a learning disability, intellectual disability, autism, acquired brain injury, or ADHD
- Vision, hearing, or mobility conditions

Available services include extended test time, quiet testing environments, academic assistance and tutoring through the [LIGHT Center](#) 

(<https://www.redwoods.edu/services/sass/light.php>), counseling and advising, alternate formats of course materials (e.g. audio books or E-texts), assistive technology, learning disability assessments, approval for personal attendants, interpreters, priority registration, on-campus transportation, adaptive physical education and living skills courses, and more. If you believe you might benefit from disability- or health-related services and accommodations, please contact [Student Accessibility Support Services \(SASS\)](#)  (<https://www.redwoods.edu/services/sass/index.php>).

If you are unsure whether you qualify, please contact SASS for a consultation: SASS@redwoods.edu (<mailto:SASS@redwoods.edu>).

SASS office locations and phone numbers

Eureka campus

- Phone: 707-476-4280,
- Locations: Student Services building, first floor SS113

Del Norte campus



- Phone: 707-465-2353
- Location: Main building, near the Library

Klamath-Trinity campus

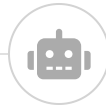
- 707-476-4280



Academic Integrity

 academic community, the high value placed on truth implies a corresponding intolerance of scholastic dishonesty. In cases involving academic integrity, 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 a lack of academic integrity, 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 2024-2025 College Catalog and CR Board and Administrative Policies.



AI Use Class Policy

Generative AI tools, such as ChatGPT and Google's Bard, are likely to be widely used in the workplace moving forward. It's important for you to understand how to use them ethically and effectively. For that reason, in this class, you will sometimes be invited to use such a tool in the completion of an assignment. In this class, using generative AI tools is not cheating if the outputs are screened by you for accuracy, bias, appropriateness, and fidelity to your perspective.

