

Civil & Environmental Engineering Department  
CEE 250 CAD/BIM/3D Visualization  
Spring Semester Sample Syllabus  
Course Lecture: TBD, POST 208

**Instructor:** Jason Huynh  
*jasonbh@hawaii.edu*  
*If you send me an email, please include "CEE250:" in the beginning of the subject line.*

**Office Location:** Virtual

**Office Hours:** By appointment, via Google Chat

**Course Description:** This course starts students off learning the basics of computer-aided drafting tools using AutoCAD and Revit. As the course progresses, students will apply CAD drafting to real-world engineering applications.

The primary objective of this course is to ensure that by the end of the course, students can demonstrate a proficiency in AutoCAD and a basic knowledge of Revit that they can utilize and expand in their future engineering curriculum and career. The secondary objective of this course is to provide students with a basic exposure to multidiscipline engineering principles applied in the construction design industry.

**Required Materials:** Access to AutoCAD and Revit is required during class instruction. Personal computer and mouse with AutoCAD and Revit is highly recommended.

**Prerequisites:** Department Approval

**Grading:**

Assignments	60%
Project	40%

**Exam:** No exams for this course.

**Assignments:** CAD assignments will be assigned to regularly track student participation and progress. Classwork and homework assignments will be given periodically, typically on a weekly basis.

Assignments must be uploaded to Laulima by the due date given by the instructor. Assignments must be submitted in PDF format with the plot settings as instructed by the instructor. No exceptions will be made for assignments submitted in any other format (.dwg, .jpeg, .png, etc.) or submitted via email. In the event where a student is not able to attend a

class, the student will be responsible for the missing classwork. Late work will not be accepted unless an extension is granted in advance.

Collaboration is permitted and encouraged on assignments, but plagiarism is not allowed. It is in the student's best interest to practice and learn the software.

**Course Materials:** AutoCAD (.dwg), Revit (.rvt), and PDF files will be uploaded to Laulima. Download prior to class.

**Spring Semester Tentative Course Schedule (subject to change)**

Week	Class Description
1	Class Introduction, AutoCAD Basics
2	AutoCAD Basics
3	AutoCAD Building Basics
4	AutoCAD Building Basics
5	AutoCAD Building Basics
6	AutoCAD Applications: Project
7	AutoCAD Applications: Project
8	AutoCAD Applications: Project
9	AutoCAD Applications: Project
10	Revit Basics
11	Spring Recess, No Class
12	Revit Basics
13	Revit Basics
14	Revit Applications: Project
15	Revit Applications: Project <b><i>AutoCAD Project Submittal Due at 11:55 PM</i></b>
16	Revit Applications: Project
17	Revit Applications: Project
18 (Finals)	<b><i>Revit Project Submittal Due at 11:55 PM</i></b>

**Course Information, Policies, and Resources:**

**Attendance policy:** Students who are enrolled in this course, but never attend will be flagged by the course instructor for non-participation before the last day to add/drop (for 100% tuition refund) deadline. Flagged students will be administratively dropped by the Office of the Registrar. Any changes to a student's enrollment status may affect financial aid eligibility and can result in the return of some of all of federal student financial aid.

**Use of Internet, Mobile Devices, Social Media:** The use of the Internet is allowed for course purposes only. The use of Mobile Devices and Social Media are not permitted.

**Statement on Disability: KOKUA Program** If you have a disability and related access needs, please contact the KOKUA Program (Office for Students with Disabilities) at 956-7511, KOKUA@hawaii.edu, or go to Room 013 in the Queen Lili'uokalani Center for Student Services. Please know that I will work with you and KOKUA to meet your access needs based on disability documentation. Kokuia's services are confidential and offered free of charge.

**Academic Integrity and Ethical Behavior: Office of Student Conduct** Cheating, plagiarism, or other forms of academic dishonesty are not permitted within this course and are prohibited within the System-wide Student Conduct Code (EP 7.208). Examples include: fabrication, facilitation, cheating, plagiarism, and use of improper materials. Any incident of suspected academic dishonesty will be reported to the Office of Student Conduct for review and possible adjudication. Additionally, the instructor may take action in regards to the grade for the deliverable or course as they see fit.

**Office of Title IX:** (808) 956-2299 / t9uhm@hawaii.edu / <https://manoa.hawaii.edu/titleix/>

**Department of Public Safety:** (808)956-6911 (Emergency) / (808)956-8211 (Non-Emergency)  
<http://manoa.hawaii.edu/dps/>

**UH System Basic Needs** include food and housing, childcare, mental health, financial resources and transportation, among others. Student basic needs security is critical for ensuring strong academic performance, persistence and graduation and overall student well being.