

## Mechanical Engineering 200: Graphics II

### Course Syllabus – Fall 2023

<b>INSTRUCTOR:</b>	Matthew Mione Campus Office: O’Connell 418 Campus Phone: 530-898-5374 Campus Email: <a href="mailto:mmione@csuchico.edu">mmione@csuchico.edu</a> Office Hours: See schedule outside my door or at the following link: <a href="https://www.csuchico.edu/mmem/assets/documents/faculty-schedules/schedule-mione-matthew.pdf">https://www.csuchico.edu/mmem/assets/documents/faculty-schedules/schedule-mione-matthew.pdf</a>
<b>CLASS</b>	Lecture: Section 01 – Monday: 1:00 – 1:50 PM Lab: Section 02 – Tuesday: 2:00 – 4:50 PM Section 03 – Friday: 2:00 – 4:50 PM
<b>PREREQUISITES:</b>	MECH 100 and MECH 100L

### Course Description:

A study of advanced topics in Engineering Graphics. Concepts include drawing standards, geometric dimensioning and tolerancing, working drawings, model-based definition, intermediate to advanced solid modeling, advanced assemblies, renderings, animations, equations, and design considerations. Preparation for advanced certifications in Engineering Graphics

### Course Usage of Canvas Learn

Copies of the course syllabus and major assignments may be found on Canvas. You are responsible for regularly checking the online resources, which is accessed through the Chico State Portal at <http://portal.csuchico.edu>. Support materials for the course will be provided via the portal and it is expected that you will either have hardcopies or electronic access to the materials during in-class activities.

### Textbook:

Lecture: <b>Recommended</b>	Interpretation of Geometric Dimensioning and Tolerancing 3rd Edition, Daniel E. Puncochar & Ken Evans, 2011, ISBN: 978-0831134211
Lab: <b>Recommended</b>	Shop Reference for Students & Apprentices, 2nd Edition, Christopher McCauley, 2000, Industrial Press Inc. ISBN: 978-0831130794

### Communication

If you need to meet or contact me, please attend office hours or email. Please use my contact information listed on the first page to communicate, and do not go through the Canvas channels. Email is by far the best way to get a hold of me.

In the event that I need to contact the class (schedule, assignment, etc.), it will be done via your university email account linked to the Portal. University policy requires students to monitor campus email accounts and it is suggested that you set up email forwarding if you have another preferred email account.

### **Dropping and Adding**

You are responsible for understanding the policies and procedures about add/drops, academic renewal, etc. found <http://www.csuchico.edu/catalog/>. You should be aware of the deadlines and penalties for adding and dropping classes. I do not handle adding into the course, you need to see or email our MMEM Administrative Support Coordinator, Martha Layne ([mlayne@csuchico.edu](mailto:mlayne@csuchico.edu)), to do so. You are the only one responsible for dropping the class.

### **Classroom Protocol**

It is expected that students are in-class, prior to each class, as the class will start promptly at the scheduled time. Any homework class assignments are due at the start of the class and must be submitted in person at the turn in file that will be located at the front of the classroom.

### **Grading:**

Weekly Lecture Assignments: 30%  
In-Class Lab Assignments: 20%  
Midterm Project: 20%  
Final Project: 30%

Grade	A	A-	B+	B	B-	C+	C	C-	D+	D	F
	93.33	90.00	86.67	83.33	80.00	76.67	73.33	70.00	65.00	60.00	0.00

### **Weekly Lecture Assignments**

Assignments made during each week’s lecture. Due at beginning of following week’s lecture. Some work time is available during lab meetings.

### **In-Class Lab Assignments**

Brief assignments made at beginning of lab period. Due the following Monday at midnight. Graded pass/fail. No show is no grade; no exceptions.

### **Project Work**

Two major projects are required in the course. The midterm project is a reverse engineering assignment resulting in a complete set of Working Drawings. The end-of semester project requires modeling, rendering, animation, and presentation of a complex moving assembly

### **Hardcopy Assignment Submission**

For hardcopy submission, your name and lab section number (03, 04, or 05) must be indicated on at least the first page. Multiple pages should always be stapled together. Assignments cannot be submitted in stages (the initial submission is all that is accepted). Failure to follow these simple instructions will result in a grade reduction on the assignment.

## Electronic Assignment Submission

Electronic submission will be handled via Canvas. Students are strongly encouraged to verify submissions made through Canvas. It is the student's responsibility to ensure the correct file has been submitted for the assignment. **No accommodations are made for incorrect submissions.** I do not accept assignments via email.

## Late Work

Weekly assignments are due at the beginning of the next lecture period. If you are late to class, your work is late. Assignments will be accepted late the same day with a one letter grade deduction. Assignments will not be accepted after their due date. In-class lab assignments will not be accepted from students that are more than a few minutes late for their scheduled lab meeting, even if the assignment is completed. In class assignments must be submitted in person. There is no late work policy for the midterm project. No project at the deadline = zero grade.

## COVID-19 Information

Effective April 6, 2023, **COVID-19 vaccinations are strongly encouraged, but no longer required** for students and employees. The California State University (CSU) has revised its systemwide [COVID-19 Vaccinations and Other Safety Measures](https://www.csuchico.edu/coronavirus/) policy. For additional information please visit <https://www.csuchico.edu/coronavirus/>.

Chico State may at any time require the use of an approved face covering which covers the nose and mouth in all indoor campus spaces and in order to participate in this course when in person. When face coverings are optional, they are always welcome on campus. You will be notified if face coverings are required.

Policies and requirements regarding COVID-19 are subject to change pursuant to campus, local, state and/or federal guidelines. Please note that dishonesty relating to the vaccination policy and/or your failure to comply with any COVID-19 related safety policy or mandate may result in disciplinary action against you through the office of Student Conduct, Rights and Responsibilities, which can include suspension or expulsion from the California State University system.

If you test positive for COVID-19 should now report their case via [our new online reporting form](#). More information about Self-Reporting can be found at: <https://www.csuchico.edu/coronavirus/stories/02-20-23-new-self-reporting-form.shtml>

## University Policies and Campus Resources

### Academic integrity

Students are expected to be familiar with the University's Academic Integrity Policy. Your own commitment to learning, as evidenced by your enrollment at California State University, Chico, and the University's Academic Integrity Policy requires you to be honest in all your academic course work. Faculty members are required to report all infractions to the Office of Student Judicial Affairs. The policy on academic integrity and other resources related to student conduct can be found at: <http://www.csuchico.edu/sid/integrity.shtml>.

### Campus Policy in Compliance with the American Disabilities Act

If you need course adaptations or accommodations because of a disability, or if you need to make special arrangements in case the building must be evacuated, please make an appointment with me as soon as possible, or see me during office hours. Students with disabilities requesting accommodations must register with the DSS Office (Disability Support Services) to establish a record of their disability.

Special accommodations for exams require ample notice to the testing office and must be submitted to the instructor well in advance of the exam date.

**IT Support Services (<http://www.csuchico.edu/itss>)**

The CAD lab with SolidWorks installed is located in OCNL 438. Other (non-CAD) computer labs for student use are located on the first and fourth floor of the Meriam Library, Room 116 and 450, Tehama Hall Room 131, and the Bell Memorial Union (BMU) basement.

**Student Services (<http://www.csuchico.edu/current-students>)**

Student services are designed to assist students in the development of their full academic potential and to motivate them to become self-directed learners. Students can find support for services such as skills assessment, individual or group tutorials, subject advising, learning assistance, summer academic preparation and basic skills development.

**Americans with Disabilities Act (<http://www.csuchico.edu/arc>)**

If you need course adaptations or accommodations because of a disability or chronic illness, or if you need to make special arrangements in case the building must be evacuated, please make an appointment with me as soon as possible, or see me during office hours. Please also contact Accessibility Resource Center (ARC) as they are the designated department responsible for approving and coordinating reasonable accommodations and services for students with disabilities. ARC will help you understand your rights and responsibilities under the Americans with Disabilities Act and provide you further assistance with requesting and arranging accommodations.

**Accessibility Resource Center**

530-898-5959

Student Services Center 170

[arcdept@csuchico.edu](mailto:arcdept@csuchico.edu)

**Student Learning Center (<http://www.csuchico.edu/slc>)**

The mission of the Student Learning Center (SLC) is to provide services that will assist CSU, Chico students to become independent learners. The SLC prepares and supports students in their college course work by offering a variety of programs and resources to meet student needs. The SLC facilitates the academic transition and retention of students from high schools and community colleges by providing study strategy information, content subject tutoring, and supplemental instruction. The University Writing Center has been combined with the Student Learning Center.