Print Reading and Sketching - EGR 110S Syllabus Fall 2026 Edison State Community College

Week	Date	Chapter	Topic	Assignment due on this date !
1 Tuesday	8/25/2026	Ch 1 Prints: Language of industry / overview syllabus / why specs		INTRO to class
		Looking at what Print in Industry purpose is - 3D print		Example of a bad design
2 Tuesday	9/1/2026	App B Measurement tools	Steel rule / decimal / micrometer / conver	Ch 1 - pg 11,12 / **Patent search open**
		Ch 2 Line types	Convention of line types and what used for	**Patent search - Tesla**
3 Tuesday	9/8/2026	App C Tech sketching	sketching techniques / visualization	Ch. 2 pg 23,24,25 / **be creative assign**
		Ch 4 Geometric construction	Understanding constructed shapes / views	**Sketch 1 home object**
4 Tuesday	9/15/2026	Ch 5 Multiview drawings	Front side top views - orientation	Ch 4 - Multiview (best 3 view drawing)
		Ch 5 3 view drawings	All 6 views and practice	Multiview practice CH 5
5 Tuesday	9/22/2026	TEST 1	TEST 1	Multiview practice 2 / TEST 1
		Ch 6 Section Views	Proper use of section views / understand	**Sketch 2 from ISO**
6 Tuesday	9/29/2026	Ch 7 Auxilary views	Other views common	Ch 6 sect views BB / page 115,116,117,122
		Ch 8 Threads and fasteners	Metric / English thread understanding	**Segway report / sketch 2**
7 Tuesday	10/6/2026	Ch 9 Dimensioning	Proper dimensioning techniques / why	**Ch 8 - p166,168 - thread research HW**
		Ch 10 Tolerancing	Examples and calculations of fits etc.	Ch 9 - p192,194
8 Tuesday	10/13/2026	Ch 11 and 12 Machine spec	surface quality and processes	Ch 10 - pg 210,212 **Tolerance project**
		TEST 2	TEST 2	Ch 11 pg 227,228 Ch 12 pg 247,248 TEST 2
9 Tuesday	10/20/2026	Ch 13 Geometric Dimensioning and tolerancing - understanding		
		Ch 14 Drawing revision	Company systems used	Ch 13 - pg 279,280 / History of GDT
10 Tuesday	10/27/2026	Ch 15 Detail drawings	Company contracts / patents etc	Ch 14 - pg 297,298 **Sketch 3 actual object**
		Ch 16 Assembly drawings	Types used and why	Ch 15 - pg 315,316
11 Tuesday	11/3/2026	Ch 3 Title block / list	Materials list etc.	**Assembly draw printout /** Ch 16 pg 334
		Ch 17,18,19 Springs, gears, cams - real world examples		**Sketch of title block**
12 Tuesday	11/10/2026	Ch 20 Plastics	examples and processes	Ch 17 - pg 353,354 Ch 18 - 367,368
		Ch 21 Precision sheet metal	Sheet metal processes / LAB	**Plastic research assignment**
13 Tuesday	11/17/2026	Ch 22 Welding prints	Weld processes real world	Ch 21 - pg 413,414
		Ch 23 Instrumentation / control	prints and symbols / real world	Ch 22 - pg 429,430
14 Tuesday	11/24/2026	TEST 3	TEST 3	Ch 23 - pg 443,444 Real instrument print
		PROJECT WORK		TEST 3
15 Tuesday	12/1/2026	PROJECT DUE (PART 1 and 2)		PROJECT 1 DUE
		REVIEW FOR FINAL		PROJECT 2 DUE

content may change as semester progresses and ONLINE details emerge (will post updates)

FINAL EXAM Tuesday Dec 8th

Thomas L Looker
Associate Professor
Mechanical Design

Subject to change as needed as semester progresses (lab/ hand's on added to lecture when possible)

EGR 110S
Print Reading and Sketching
Edison State Community College
Fall 2026

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Grading

Homework	30%
Exams (total of approx. 3)	30%
Final (comprehensive)	20%
Quiz's and lab project	10%
Participation / attendance	10%
total	100%

Grading Scale

90-100	A
80-89	B
70-79	C
60-69	D
59 and below	F

Homework

On time (no late will be accepted without prior approval)
Name and date and problem numbers clearly visible
Partial credit will be given for correct steps even without correct answer
Copying from one another will result in grade of 0%
PAGES SCANNED OR PIC OR WORD OR GOOGLE DOC- NEAT
NEATNESS IS GRADED

Dates to remember

9/7/2026 Labor day - no class

11/11/2026 Veterans Day no class

11/27-28/2026 Thanksgiving no class

12/8/26 Last day of classes
12/8/26 FINAL EXAM

Textbook Print Reading for Industry - 12th edition Brown GW publisher
Chapters 1 -23 Main text
3 tests at roughly 7-8 chapters each

Edison State Fall 2026 EGR 110S Policy Statements

Regular attendance is extremely important in order that students may benefit from supplementary material presented in class and from class discussions. Further, those who miss class or do not attend, typically are those needing the most help during the classes that they do attend. This situation will not be acceptable to me or to those students who attend every lecture. If a student must miss a class, the student is responsible for checking with a classmate in order to determine what material was covered in his or her absence. The instructor will provide any handouts that were missed, but do not expect the missed class to be reviewed. Students who miss class are responsible for doing the exercises that were completed during the missed class/classes.

Students who miss examinations are responsible for contacting the instructor to schedule the make up examination. Make up examinations must be completed before the next class meeting. I subscribe to the philosophy that education is a two-way street. It's not just my responsibility to teach, but it is also your responsibility to learn. Therefore, I expect that you will do the reading assignments prior to class and come to class prepared to do class exercises, ask questions and enter into discussions. Academic dishonesty in any form will not be tolerated. Copying homework from other individuals will result in receiving no credit for the assignment. Any additional violation will result in a failing grade for the course.

Edison State Community College is committed to providing an environment respectful of students' beliefs. Students are permitted to be absent for up to 3 days each semester based on their faith, religion, or spiritual belief system with no academic penalty. Students must complete the Testing Your Faith Act Accommodations Form, https://www.edisonohio.edu/Registration-and-Records/ and provide a copy to their individual faculty within 14 days from the start of the course. The entire policy can be found in the student handbook at http://stage.edisonohio.edu/digipub/StudentHandbook/index.html.

Student Wellness Center
College is stressful! Feeling burnt out, anxious, frustrated? When challenges arise, it's helpful to have someone to talk to. We have partnerships established with many local mental health providers and can connect you with area resources.
The Student Wellness Center helps students navigate obstacles which might cause issues or create a sense of distress during your school year. Edison State has built a network of health professionals to support students. With these partnerships, the Student Wellness Center can assist students who need support in areas such as:
o Recovery and Counseling referral
o Housing
o Food
o Physical well-being
Information and education are also provided on the topics of:
o Alcohol and drug abuse and prevention
o Sexual assault prevention and awareness
o Building healthy relationships
o Inclusion and belonging
o Survivor support
o Self-care
o Anti-Hazing
If you are struggling and need to speak with someone in person, please reach out to Velina Bogart, Coordinator of Student Wellness, at vbogart@edisonohio.edu, 937-778-7854, Room 193 (next door to the Security Office).
Walk in hours on campus are Tuesday, Wednesday, Thursday, 8am-5pm. Hours may vary according to the college schedule or events. You may schedule an appointment by clicking here.
If this is a medical emergency, please call 911. If this is a mental health emergency, please call 988.
Please note that the Charger Station Food Pantry has been relocated to Room 060 (next to the cafeteria).