

MET 245 - FALL 2026 - DESIGN WITH SOLIDWORKS I	
2 CREDIT HOURS	

INSTRUCTOR	NIC ZUMBERGER
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CLASS TIME	EACH TUESDAY FROM AUG25 THRU DEC 8
	EAST HALL - ROOM 441 / 0530PM - 0815PM

CLASS SCHEDULE & ACTIVITIES ARE SUBJECT TO CHANGE

SUGGESTED SUPPLIES	USB FLASH DRIVE - SOLIDWORKS 2024
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CLASS SCHEDULE

ALL HOMEWORK ASSIGNMENTS ARE DUE BEFORE THE NEXT CLASS
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WEEK	DATE	ASSIGNMENTS & HOMEWORK
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1	8/25/2026	CHAPTER 1 : INTRODUCTION TO SOLIDWORKS 2024
		CHAPTER 2 : SKETCHING, DIMENSIONING, BASE FEATURES & DRAWINGS
HOMEWORK		CHAPTER 2 : EXERCISES 1 THRU 4

2	9/1/2026	CHAPTER 3 : EDITING & MODIFYING SKETCHES
HOMEWORK		CHAPTER 3 : EXERCISES 1, 4, & 5

3	9/8/2026	CHAPTER 4 : ADDING RELATIONS & DIMENSIONS TO SKETCHES
HOMEWORK		CHAPTER 4 : EXERCISES 1 & 2

4	9/15/2026	CHAPTER 5 : ADVANCED DIMENSIONING & BASE FEATURE OPTIONS
HOMEWORK		CHAPTER 5 : EXERCISES 1 THRU 3

5	9/22/2026	CHAPTER 6 : CREATING REFERENCE GEOMETRIES
HOMEWORK		CHAPTER 6 : EXERCISE 2

6	9/29/2026	CHAPTER 7 : ADVANCED MODELING TOOLS-1
HOMEWORK		CHAPTER 7 : EXERCISES 2 & 3

7	10/6/2026	CHAPTER 8 : ADVANCED MODLING TOOLS-2
HOMEWORK		CHAPTER 8 : EXERCISES 2 & 3

8	10/13/2026	CHAPTER 9 : EDITING FEATURES
HOMEWORK		CHAPTER 9 : EXERCISES 1 & 2

9	10/20/2026	CHAPTER 10 : ADVANCED MODELING TOOLS-3
HOMEWORK		CHAPTER 10 : EXERCISE 1

10	10/27/2026	PART MODELING MID-TERM TEST
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11	11/3/2026	CHAPTER 11 : ASSEMBLY MODELING-1
HOMEWORK		CHAPTER 11 : TUTORIAL 1 & EXERCISE 2

12	11/10/2026	CHAPTER 12 : ASSEMBLY MODELING-2
HOMEWORK		CHAPTER 12 : DRAW RADIAL ENGINE PARTS

13	11/17/2026	CHAPTER 13 : WORKING WITH DRAWING VIEWS-1
HOMEWORK		CHAPTER 13 : DETAIL RADIAL ENGINE PARTS

14	11/24/2026	CHAPTER 14 : WORKING WITH DRAWING VIEWS-2
HOMEWORK		CHAPTER 14 : DETAIL RADIAL ASSEMBLY

15	12/1/2026	FINAL EXAM
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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 the instructor or 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 done during the missed class. 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 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. If you require reasonable accommodations because of a physical, mental, or learning disability, please notify me immediately.

EVALUATION METHOD

Tests and the Final Examination represent 50% of your final grade. All homework & in-class exercises represent the remaining 50% of your grade. Homework not turned in on time will result in a ZERO.

TESTING YOUR FAITH ACT POLICY

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/services-support/registration-records>, located in "Forms" 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 <https://www.edisonohio.edu/services-support/student-resources>.

GRADE DISTRIBUTION

POINTS	GRADE
90 - 100	A
80 - 89	B
70 - 79	C
60 - 69	D
59 & BELOW	F