

MET 247S – Fall 2026 Design with Autodesk Inventor 1

2 Credit Hours

Instructor: Mike Rowe AAS MET Edison State BS OMP Bluffton MBA Bluffton

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Class Time: Th 5:30 PM - 8:15 PM 8/24/2026 - 12/12/2026

Suggested Supplies: USB Memory Stick, Autodesk Inventor 2023

Class Schedule/Activities: TBD (Subject to Change)

Aug 27, 2026

Chapter 1: Introduction to Autodesk Inventor 2026

Chapter 2: Drawing Sketches for Solid Model

Homework, Due the following Thursday: Chapter 2, Exercises 1 & 3

Sep 3, 2026

Chapter 3: Adding Constraints and Dimensions to Sketches

Homework, Due the following Thursday: Chapter 3, Exercises 1 & 3

Sep 10, 2026

Chapter 4: Editing, Extruding and Revolving Sketches

Homework, Due the following Thursday: Chapter 4, Exercises 1 & 2

Sep 17, 2026

Chapter 5: Other Sketching and Modeling Options

Homework, Due the following Thursday: Chapter 5, Exercises 3 & 4

Sep 24, 2026

Chapter 6: Advanced Modeling Tools-I

Homework, Due the following Thursday: Chapter 6, Exercises 1&2

Oct 1, 2026

Review Chapters 2-6 Quiz

Chapter 7: Editing Features and Adding Automatic Dimensions to Sketches

Homework, Due the following Thursday: Chapter 67 Exercises 1&3

Oct 8, 2026

Chapter 8: Advanced Modeling Tools-II

Homework, Due the following Thursday: Chapter 8, Exercises 1&2

Oct 15, 2026

Part Modeling Mid-Term Test

Oct 22, 2026

Review Part Modeling

Chapter 9: Assembly Modeling

Homework, Due the following Thursday: Chapter 9, Exercises 1

Oct 29, 2026

Chapter 10: Assembly Modeling-II

Homework, Due the following Thursday: Chapter 10, Exercises 1

Nov 5, 2026

Review Chapter 7-10 Quiz

Chapter 11: Working with Drawing Views-1

Homework, Due the following Thursday: Chapter 11, Tutorial 2

Nov 12, 2026

Chapter 12: Working with Drawing Views-II

Homework, Due the following Thursday: Chapter 12, Tutorial 3, Exercises 1

Nov 19, 2026

Chapter 14: Sheet Metal Components

Homework, Due the following Thursday: Chapter 14, Exercises 1

Nov 26, 2026

Chapter 14: Sheet Metal Components review / Weldments (Ch. 16)

Dec 3, 2026

Missing Assignments / make-up time / Review for Final Exam

Dec 10, 2026

Final Exam

Policy Statements

Regular attendance is important in order that students may benefit from supplementary material presented in class and from class discussions. If a class is missed, the student is responsible for material covered in the student's absence. The instructor will provide any handouts that were missed, but the missed class will not be reviewed by the instructor with student. Students who miss class are responsible for doing the exercises completed during the missed class. Any missed test, quizzes or examinations must be completed before the next class meeting unless other exceptions have been made.

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.

Evaluation Method

Quizzes, tests and the Final Exam represent 60% of final grade. All homework and in-class exercises represent 40% of final grade. Homework not submitted will result in a loss of one letter grade for each class day that homework is late.

	% of Grade
Chapter Questions	20
Exercises	20
Quizzes	20
Tests	20
Final Exam	20
Total	100

Grade Distribution (Exams, Homework and Final Grade)

Points	Grade
90-100	A
80-89	B
70-79	C
60-69	D
<59	F