

MECH 4808L - Mechanical Systems Design Laboratory

Fall 2026 Syllabus, Section 05, CRN 43981,

Credit hours: 1

Instructor

Stefan Moldovan

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Public Instructor Information

Instructor Title: Assistant Professor

Instructor Professional Qualifications: Doctor of Philosophy in Mechanical Engineering, The University of Akron

Instructor Office Location: Moser 2535

Instructor Office Phone: 330-941-1733

Course Description

4808L. Mechanical Systems Design Laboratory. Supplemental activities related to MECH 4808, such as discussion and seminars on industry practices and standards, computer software applications, experimental verification, etc. Three hours laboratory per week. Must be taken concurrently with MECH 4808. 1 s.h.

Course Readings

Group	Title	Author	ISBN
Optional	Engineering Design, 6th Edition	Dieter	978-1260113297

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

Schedule of Topics and Assignments

Day	Date	Proposed Topic	Due/To Prepare for Class
Fri	8/28	Design Update	
Fri	9/4	Design Update	Notebook Check
Fri	9/11	Design Update	
Fri	9/18	Design Update	Notebook Check
Fri	9/25	Design Update	
Fri	10/2	Design Update	Notebook Check
Fri	10/9	Design Update	Project Management Presentation
Fri	10/16	Design Update	Notebook Check
Fri	10/23	Design Update	
Fri	10/30	Design Update	Notebook Check
Fri	11/6	Design Update	
Fri	11/13	Design Update	Notebook Check
Fri	11/20	Design Update	
Fri	12/4	Design Update	Project Concept Presentation
Fri	12/11	Design Update	Technical Presentation

The course schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances, by mutual agreement, and/or to ensure better learning.