

MECH 6992 - Graduate Projects

Fall 2026 Syllabus, Section 02, CRN 44034,

Credit hours: 3

Instructor

Constantin Solomon

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Public Instructor Information

Instructor Title: Professor

Instructor Professional Qualifications:

Post-doctoral, Arizona State University, 2002-2007

Ph. D., Materials Science and Engineering, Kumamoto University, 2002

BS/MS, Mechanical Engineering, Gh. Asachi Technical University of Iasi, 1990

Instructor Office Location: Moser Hall, Room 2500

Instructor Office Phone: 330-941-1730

Course Description

6992. Graduate Projects. Analysis, design, research, or other independent investigation on projects selected with the advice and approval of the student's graduate committee. 3 s.h.

Course Readings

Group	Title	Author	ISBN
Required	Journal papers, technical reports, books, master's theses, doctoral dissertations, patents	OhioLink	
Optional	College of Graduate Studies Academic Policy Book	YSU	

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

Week of	Proposed Topic	Due/To Prepare for Class
8/24	Graduate Project research work (topic selection, literature review, design, experimental work, computational modeling, data analysis, weekly meeting with the research advisor, attending and research presentation at the Mechanical Engineering Seminar, final report preparation).	
12/7	Submission of the Graduate Project final report.	

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.