

ME 309-2 Mechanical Analysis and Design
Fall 2013

INSTRUCTOR: Dr. Tsuchin Philip Chu, E016, (618)453-7003, tchu@siu.edu

OFFICE HOURS: 10-12am MTW or by appointment

TEACHING ASSISTANTS:

Mr. Caleb MaGee, B123, (618) 453-7049, caleb.mcgee@siu.edu, Office Hours: TBA

Mr. Albortz Niknam, E044, alborz_niknam@yahoo.com, Office Hours: TBA

TEXTBOOK: “Machines & Mechanisms: Applied Kinematic Analysis,” 4t edition, David H Myszka, 2012, Prentice Hall, ISBN-13: 978-0-13-215780-3, www.pearsonhighered.com

CLASS SCHEDULE: Lectures 2:00-2:50 pm TH; Recitation 4:00-4:50 pm F, A219

GRADE DISTRIBUTION:

Homework Assignments & Quizzes: 20%	90 & above	A
Tests (2-3): 50%	80 to 89.9	B
Final Exam: 30%	70 to 79.9	C
	60 to 69.9	D
	below 60	F

OUTLINE:

1. Introduction to Mechanism
2. Displacement Analysis
3. Velocity Analysis
4. Acceleration Analysis
5. Dynamics of Mechanism
6. Cam and Gear

Emergency Procedures. Southern Illinois University Carbondale is committed to providing a safe and healthy environment for study and work. Because some health and safety circumstances are beyond our control, we ask that you become familiar with the SIUC Emergency Response Plan and Building Emergency Response Team (BERT) program. Emergency response information is available on posters in buildings on campus, available on BERT’s website at www.bert.siu.edu, Department of Safety’s website www.dps.siu.edu (disaster drop down) and in Emergency Response Guideline pamphlet. Know how to respond to each type of emergency. Instructors will provide guidance and direction to students in the classroom in the event of an emergency affecting your location. **It is important that you follow these instructions and stay with your instructor during an evacuation or sheltering emergency.** The Building Emergency Response Team will provide assistance to your instructor in evacuating the building or sheltering within the facility.