

ENGR 4300 – Mechanism Design II

Spring, TR 2 – 3:15 pm (Room 316)

Instructor:

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Texts:

Machine Design: An Integrated Approach, 2nd Edition. By “*Robert L. Norton*”, Prentice Hall.
Supplements will be provided by the instructor.

Homework:

CAE: Using MathCad, Matlab, Mathematica, Maple or TKSolver.

Homework assignments will be given and graded periodically.

Late assignments will incur a 10% per day penalty. Assignments are due during class.

Term Project:

Students will work to complete a design project. The output will include a presentation, a written report and a poster describing the results of the project. Further details will be provided.

Attendance Policy: Attendance of classes is mandatory. Students who are regularly absent from class will not be included in any adjustment (curving) of the final grades. If a student has a valid excuse for missing a class, they must inform the instructor beforehand.

Cellular phones must be turned OFF during class/lab. Repeated disruptions will count as absences.

Prerequisites:

ENGR 3300: Mechanism Design I

Grading:

Note: Students who are regularly absent from class will not be included in any adjustment (curving) of the final grades.

Semester grades will be computed as follows:

Homework	20%
Design projects	20%
Exam 1	20%
Exam 2	20%
Final	20%
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Total	100%

ACADEMIC HONESTY

The University of Georgia seeks to promote and ensure academic honesty and personal integrity among students and other members of the University Community. A policy on academic honesty has been developed to serve these goals. All members of the academic community are responsible for knowing the policy and procedures on academic honesty. The document for academic honesty may be found at the web site for The University of Georgia Office of Senior Vice President for Academic Affairs and Provost.

ENGINEERING PROFESSIONALISM POLICY

Engineers make great contributions to society. Engineering is a very satisfying profession that provides many rewards but is demanding and requires hard work. The engineering profession is governed by a code of ethics. Engineering faculty at UGA expect students to act in a professional manner at all times and develop the work ethics required for a successful engineering career. Engineering students at UGA are responsible for maintaining the highest standards of professionalism and professional practice.

DEPARTMENTAL GRADING POLICY REGARDING COMMUNICATION SKILLS

Thirty percent of the grade on all written assignments (lab reports and papers) and oral presentations will be based on quality of communication. Spelling, grammar, punctuation, and clarity of writing are evidence of written communication quality. Enunciation, voice projection, clarity and logical order of the presentation and effective use of visual aids are evidence of oral communication quality.

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