

UNIVERSITY OF NORTH TEXAS
ENGR 2302 Dynamics
Summer 2026. 3 Credit hours

Instructor: Dr. Mark Wasikowski

Office Hours: DP F101L; Office Hours: MW noon - 1.50 pm. or zoom, by appointment

Email Address: mark.wasikowski@unt.edu (DO NOT use CANVAS email)

Lecture: MW 10-11.50 am, NTDP 183, in-person format only

Description: Basic theory of engineering mechanics, using calculus, involving motion of particles, rigid bodies, systems of particles; Newton's Laws; work and energy relationships; principles of impulse and momentum; application of kinetics and kinematics to the solution of engineering problems.

Prerequisites: NOT be pre-engineering major. Pass with C or better:

1. ENGR 2301 Statics
2. MATH 1720 Calculus

Required Text: Hibbeler; "Dynamics", 15th, Pearson, Mastering LMS, ISBN: 9780134819570

GRADING RUBRIC: standard 90/80/70/60 scale. No curve. Perceived effort is not considered.

Assessment Items	% Of Final Grade
<i>20x Attendance</i>	<i>15%</i>
<i>8x HomeWorks – weekly, due every Tuesday evening. Solutions posted Wednesday mornings. Reviewed in class on Wednesday's</i>	<i>25%</i>
<i>7x Quizzes – weekly, every Monday. Lowest quiz dropped.</i>	<i>30%</i>
<i>Midterm Exam – 1 July</i>	<i>15%</i>
<i>Final Exam – 25 July</i>	<i>15%</i>
Total	100%

1. Student's responsibility to attend class, check CANVAS announcements, assignments, etc. stay current.
2. Attendance called via roll in class. Must be present for credit. NO credit for arriving late.
3. All assignments posted on Canvas. Students are responsible for checking on a routine basis.
4. No late homework because solutions are immediately available after the due date / time.
5. Regrades requested < 1 week from returning assignment – otherwise grade is final.
6. No extra credit for individual students. Do not request, at semester end, extra credit to boost grade.
7. Cheating results in automatic failing course grade & reporting to UNT Office of Academic Honesty
8. Any absence for which accommodation is requested must be documented.
9. UNT policies followed. Instructor reserves the right to make administrative syllabus changes.