

Mission ME: Crack the Code, Claim the Motto!

A fun and engaging activity for students to learn about Mechanical Engineering (ME) at UNM while working as a team!

Objective:

Teams of 4-5 students will race to claim containers, answer Mechanical Engineering-related questions, or complete specific actions. Once approved by an advisor, they receive a letter. The goal is to collect all letters to spell out the ME motto: **“It’s all about ME!”**

Setup:

- **Materials Needed:**
 - Containers (one for each question/action, placed around the activity area).
 - Papers with questions or actions taped to the bottom of each container.
 - Envelopes inside each container with a letter corresponding to the motto.
 - Access to computers or mobile devices for research-based questions.
 - A designated advisor to verify answers and approve letter retrieval.
 - Student’s Red Folder supplied hard copy and uploaded on LoboAchieve. Red Folder contains: Recommended Course Sheet, Advising Syllabus, Glossary, Math Track, Gen Ed Info Sheet, Curriculum Sheet, SOE Resource Sheet.
- **Location:**
 - Indoor or outdoor area with sufficient space for running and searching.
 - Stations placed at different points to encourage movement and exploration.
 - Board or wall space to assemble letters into ME motto.

Gameplay:

1. **Start Signal:** All teams begin at a central point. When the facilitator signals "GO!", teams rush to find a container.
2. **Claiming a Container:** Only one team can claim a container at a time. Once claimed, they must complete the task.
3. **Answering the Question/Performing the Action:**
 - Teams read the prompt on the bottom of the container and collaborate to find the correct answer or complete the action.
 - Once they believe they have the right response, they take it to an advisor for approval.
 - If incorrect, they must correct their answer before proceeding.
4. **Receiving the Letter:** Once approved, they open the container and retrieve the letter inside.
5. **Repeating the Process:** Teams must collect all letters to spell out **“It’s all about ME!”**
6. **Winning the Game:** The first team to correctly spell out the motto and present it to the facilitator wins!

Sample Questions/Actions:

Each question/action is designed to familiarize students with ME resources, policies, and academic expectations. Answers are found as a group except where it indicates that all team members must answer. All answers can be found in their Red Folder or on specific UNM websites.

1. **Research ME website:** Name a type of research a Mechanical Engineer does and one faculty member in that field (check the ME website).
2. **Know Your Catalog:** Go to unm.catalog.edu and look up the ME program. What are the two ME tracks?
3. **Pre-Major Meaning:** What does being a pre-major mean?
4. **Pre-Admission Requirements:** List 3 of the Pre-Admission courses.
5. **Understanding Pre-Requisites:** What is a pre-requisite? What is the pre-requisite for ME 160L (use catalog.unm.edu)?
6. **UNM Email Check:** Open your UNM email and answer the question JJ sent you.
7. **ME Student Responsibilities:** On your Advising Syllabus, what is one of your responsibilities as an advisee?
8. **Registrar's Website:** What is the last day to add a 16-week class for Fall 2025.
9. **Advising Requirement:** Who is your (each member of the team) advisor for ME, and why do you need to check in every semester? [There will be "My Advisor Is..." nametags at this station that each team member will fill in and put on.]
10. **General Education:** Name at least **two** Gen Ed areas where ME requires specific classes.
11. **Math Course Progression:** If you are in MATH 1220 in Fall 2025, what math class will you take in Spring 2026?
12. **Recommended Courses:** What is one of the Gen Ed classes listed on your recommended course sheet (each team member must provide an answer)
13. **Know Where We Are:** Find the ME building on the campus map.
14. **Sign-in:** Go to my.unm.edu and log in with your NetID and password.

Rules & Guidelines:

- Teams must work **together** and **only one member** can retrieve a container at a time.
- **All team members** must contribute to answering questions or completing tasks.
- **No phones** (except for tasks requiring online searches if we aren't in a lab).
- **Answers must be approved** before opening the container.
- **Sportsmanship is key!** Encouraging competition with a positive attitude.

Winning & Prizes:

- **Winning Criteria:** The first team to correctly spell "**It's all about ME!**" and present it wins!
- **Prizes:** ME-themed swag (stickers, water bottles, notebooks) or small incentives. [Need to see what we can budget.]