## ENGINEERING MECHANICS, M.S.

## **LEARNING OUTCOMES**

- 1. Demonstrate a strong understanding of mathematical, scientific, and engineering principles in the field.
- 2. Demonstrate an ability to formulate, analyze, and independently solve advanced engineering problems.
- 3. Apply the relevant scientific and technological advancements, techniques, and engineering tools to address these problems.
- 4. Recognize and apply principles of ethical and professional conduct.