MECHANICAL ENGINEERING (CAPITAL)

Learning Outcomes

1. KNOW - Graduates will be able to demonstrate broad mastery of core principles in mechanical engineering as well as in-depth mastery in selected mechanical engineering topics.

2. CRITICAL THINKING - Graduates will be able to critically and creatively conceptualize, evaluate and formulate mechanical engineering problems, as well as perform the analyses required for problem definition.

3. APPLY/CREATE - Graduates will be able to apply advanced knowledge, techniques, skills and state of the practice tools to solve mechanical engineering problems.

4. COMMUNICATE - Graduates will be able to effectively communicate, both orally and in writing, project outcomes, such as ideas, requirements, designs, analyses, findings, and justification for decisions.

5. PROFESSIONAL PRACTICE - Graduates will be able to demonstrate an understanding of professional and ethical responsibility and conduct themselves accordingly.