

ELECTRICAL ENGINEERING (CAPITAL)

Learning Outcomes

1. **KNOW.** Graduates will be able to demonstrate broad mastery of core principles in electrical engineering as well as in-depth mastery in selected electrical engineering topics.
2. **CRITICAL THINKING.** Graduates will be able to critically and creatively conceptualize, evaluate and formulate electrical engineering problems, as well as perform the analyses required for problem definition.
3. **PROBLEM SOLVING.** Graduates will be able to apply advanced knowledge, techniques, skills and state of the practice tools to solve electrical 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. **ETHICS AND PROFESSIONALISM.** Graduates will be able to demonstrate an understanding of professional and ethical responsibility and conduct themselves accordingly.