SYSTEMS ENGINEERING

Learning Outcomes

1. **KNOW.** Develop heterogeneous engineered solutions to complex problems using contemporary methods, processes, and tools.
2. **CRITICAL THINKING.** Understand system interdependencies to analyze the associated tradespaces these generate to identify optimal solution alternatives.
3. **PROBLEM SOLVING.** Use integrated models and simulations for multi-level system analysis and practices.
4. **APPLY**. Manage the budgets and schedules of large-scale projects and programs while delivering.
5. **TEAMWORK.** Work effectively and collaboratively within interdisciplinary teams.