

# **Engineering Sciences Program**

## **Course Content**

- Engineering Mathematics Basics
- Physics for Engineering Applications
- Technical Drawing Fundamentals
- Introduction to Engineering Systems
- Safety & Professional Standards

## **Course Outline**

- Introduction to Engineering Fields
- Applied Mathematics
- Basics of Engineering Physics
- Technical Drawing & Design Concepts
- Engineering Ethics & Safety
- Practical Exercises & Final Project

## **Learning Outcomes**

Learners will be able to:

- Understand core engineering concepts
- Apply analytical thinking to technical problems
- Interpret basic technical drawings
- Prepare for specialized engineering tracks