

1201 Learning Outcomes

At the end of this course, you will be able to:

1. Demonstrate a basic understanding of the engineering design process by successfully designing, constructing, and testing a solution that meets specific requirements and performance specifications.
2. Apply knowledge of basic engineering mathematics to the problem-solving and design processes.
3. Productively contribute as a member of a multidisciplinary team to successfully accomplish project goals.
4. Demonstrate the ability to effectively communicate within the engineering profession using a variety of technical writing formats and presentations.
5. Exhibit the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context.