

COURSE DESCRIPTION

The aim of this course is to improve the communication skills and specialist language knowledge of engineering students, enabling them to work more effectively and confidently in Science and Engineering courses. The course includes topics common to all fields of science and engineering with an emphasis on reading, vocabulary, listening and speaking.

COURSE OBJECTIVES

Specifically, students are expected to

- ❖ Learn basic vocabulary / terms necessary for math, physics and chemistry
- ❖ Recognize engineering related situations and talk about them
- ❖ Describe engineering related processes / problems
- ❖ Use functional English for engineering
- ❖ Understand engineering contexts by reading and listening
- ❖ Communicate in engineering contexts

COURSE OUTCOMES

At the end of the course, students will be able to

- ❖ Understand and use terminology for basic math, physics and chemistry
- ❖ Read and comprehend technical texts in the field of engineering
- ❖ Understand conversations related to engineering contexts
- ❖ Explain engineering related terms / processes / problems
- ❖ Discuss issues in engineering contexts
- ❖ Deliver clear and professional oral presentations on a range of science or engineering topics