

Module – Number	912		obligatory
Name of Module	Technical English I (Foreign Language Module I)		
Person Responsible	Gabriele Marx-Tilp, M.A.		
Title of the Course	Technical English I		
Trial Identification	Technical English I		
Semester	Qualification semester		
Form of Course	Language	Language Course	English
SWS/ ECTS/ Workload	4	5	150
Formal Conditions	for graduates holding a Bachelor of Engineering degree		

1. Contents and Qualification Objectives

Topics in Technical English I include materials engineering and properties, tools and equipment, general chemistry as well as mechanics. Language skills encompass selected chapters of grammar for language correctness, reading comprehension and writing skills (reports and instructions).

With the acquired skills, students can follow presentations and understand written texts on scientific issues as well as describe technical processes. In doing so, they use appropriate terminology from the fields of engineering as well as adequate grammatical structures. They understand manuals and can give instructions in written form.

2. Forms of Teaching

Interactive Language Course

3. Prerequisites for Participating

None

Bibliographical References: For preparation and follow-up the following text books are recommended:

David: Technical English, Pearson 2011

Ibbotson, Mark: Cambridge English for Engineering, Cambridge 2008

Murphy, Raymond: English Grammar in Use, Cambridge 2019

A literature list for further reading and practice will be handed out in class.

4. Usability of the Module

This module is an obligatory module in the qualification for the Master *Environmental and Recycling Technology*, *Computer Engineering for IoT Systems* as well as *Renewable Energy Systems*.

5. Requirements for the Award of Credits

Students need to pass the module examination, which encompasses all contents of the language course.

Types of examination: written examination (60 min.) and oral examination (15 min.). Alternative types of examination are possible.

6. Credits and Grades

Modules are assessed by a module examination, which is credited by 5 credit points according to the ECTS (European Credit Transfer and Accumulation System).

7. Frequency of the Module

The module is scheduled for the qualification semester prior to the Master's Programme.

8. Work Load

Participation in the course = 50 h

Preparation and follow-up (of the lecture) = 55 h

Preparation for examination = 45 h

The entire work load encompasses 150 hours, which equals 5 ECTS credit points.

9. Duration of Module

The module is performed and must be completed within one semester.