



Learning Objectives for the Course „ADOK: Automatisierung und Deutsch im Online-Kurs“ (“ADOK: Automation Technology and German as an Online-Course”)

The students

- gain the skills they need to take part in international projects and in a multi-lingual environment;
- gain the language skills needed to deal with tasks in automation projects in German;
- learn how to work in international teams whether real or simulated.

Learning Objectives for Programmable Logic Controller (PLC)

The students

- acquire basic knowledge of PLC-systems;
- get to know a range of methods for the systematic solution of automation tasks, especially with the aid of the following description media: programme flow chart, sequential function chart (SFC)/Grafcet, time diagram (task->algorithm);
- This includes specifically the application of the 2 PLC programming languages ladder diagram (LD) and function chart (FC). Programming by means of instruction list (IL) is introduced, but students are not required to acquire active skills in this area. (algorithm->program);
- can develop and test simple programmes with STEP 7 (develop a project, write and test programme).

Learning Objectives for German as a Foreign Language

Students with little knowledge of German (A2)

- learn to receive technical texts; they acquire an appropriate reading strategy in order to do this;
- acquire the relevant specialist terminology;
- learn to write emails and to fill out forms relevant for the particular project;
- acquire the communication skills they need for collaboration in international teams.