Information regarding the pre-study internship for the English-language degree programme Business and Engineering (B.Eng.) at FHWS

General training goals of the pre-study internship:
- Conveying deeper knowledge of the purpose, principles and significance of various common manufacturing processes and of how related manufacturing machinery and equipment work.
- Conveying deeper knowledge of the properties and behaviour of the major materials processed and used in machine manufacturing.
- A look at technical and organisational contexts relating to production processes and experience in an operational employment environment and with the social structures of operations.

Content of the training of the pre-study internship:
6 weeks in total, to be attended full-time, consisting of:

Compulsory training areas
- Sawing, filing, drilling, thread cutting 2 weeks
- Turning, milling, grinding 2 weeks

Optional training areas
- Selection from: shaving or forming processes, assembly, maintenance, commissioning, joining processes, quality control 2 weeks

In principle the pre-study internship may be split. All the parts should ideally be completed in one company.

Training reference:
The training reference has to include the areas selected and the period of training. It should include name and contact details of the company and be signed and stamped by a company employee. If the reference is written in any language other than German or English, please hand in a certified translation. Please submit a copy of the reference and, if applicable, a certified translation to the internship office, i.e., the Department of Student Affairs (HSST).

Timeframe:
The pre-study internship is a prerequisite to enrol studies at FHWS and should therefore be completed before the start of the first semester. In exceptional cases, you may complete the pre-study internship by the end of the second semester. Please note, that, in this case, the internship can only be completed during semester breaks. In general, you can do the internship either in Germany, your home country or any other country. In Germany, you can only get an internship only, if you have advanced German language proficiency (CEFR Level B2). Alternatively you can complete a fee-charging internship in English. In that event you must allow for about 560 Euros for the total pre-study internship.

Exceptions:
- The pre-study internship may be waived if students have relevant professional experience (technically-orientated practical training corresponding to the selected specialist subject of electrical engineering, machine manufacturing or mechatronics) or for students with technical secondary school qualifications.

Information for companies regarding the students’ knowledge:
- At the moment, the majority of our students’ language skills has potential for improvement. FHWS therefore offers German language courses for all its international students.
- All students possess advanced English language proficiency.
- Students have no or only very limited practical knowledge of the respective training contents.

It is the students’ responsibility to find an internship. FHWS and the FHWS Team International can help with tips and tricks or by providing contact details, but they cannot officially act as agents. If you have any questions, please contact i-campus@fhws.de