

- ***Medical and Sportsmedical Engineering***
 - ***and Laser Engineering***
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PRACTICAL SEMESTER

Orientation for companies and research corporations

The students of the university of applied sciences in Koblenz (Remagen site) who want to receive the engineer grade "Diplom-Ingenieur" have to accomplish their 5th semester outside of the university with either some industrial company or a research corporation in Germany or some other country.

- prospects for the corporation

The students of the 5th semester who plan to do their practical semester have already finished their undergraduate courses and the first semester of advanced studies. Therefore their wide qualification can be used by the company in a productive way. The students are able to carry out small projects (after some short introduction) and thereby extend the team of qualified employees. The employer is able to explore the qualifications of the pupil during the whole practical semester and can take a decision concerning a possible future engagement.

- prospects for the student

With the practical semester the student experiences the environment of employment and practical needs which completes the more theoretically focused knowledge from the university. The student realizes that the knowledge can be used and has a chance to learn about his/her own preferences and skills.

- prospects for the university

The university continuously receives new impulses about corporative needs by the students who perform their practical semester. Some of the projects may yield in a diploma thesis or a long-term research project.

- subjects, course of the practical semester

A dialogue between the student and his/her future employer that is guided by a supervisor from the university will take place before a practical semester begins. The subject is chosen and a project will be defined. The aim is that during the practical semester the student will gain specific competences that fit into one of the two degree programs *Medical and Sportsmedical Engineering* or *Laser Engineering*. Other subjects that correspond to the field of physical engineering are also possible.

The students finishes the practical semester by writing a report that will be surveyed by the corporation and rated by the supervisor. In the case of serious problems during the practical semester which endanger a positive result, a discussion with the supervisor will take place early enough.

Department Mathematics and Technology

degree programs:

- ***Medical and Sportsmedical Engineering***
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- duration of the practical semester

The practical semester requires at least 20 weeks, encouraged are 6 months. Included are accompanying tutorials and seminars.

- contracts

The student is responsible for the choice of a site for the practical semester. The university advises during the choice.

A contract between the company and the student is to be signed before the beginning of the practical semester. This contract arranges the claims and the duties and of both sides as well as the subject and the duration of the practical semester. A form is supplied by the university.

Usually the company reimburses the student for his/her supplementary expenses. The amount of reimbursement is fixed between the corporation and the student.

The company is responsible for an insurance of the student concerning accidents. The student's task is to make sure he/she is insured adequately. The university is not liable for damages that are caused by the student.

Regulations that limit the publication of the results can be signed between the corporation, the student and the university before the practical semester starts.

- contact person at the university

Praktikantenamt des Fachbereiches Mathematik und Technik

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