STUDY MODULE DESCRIPTION FORM

Name of the module/subject		Code
Internship		
Field of study	Profile of study (general academic, practical)	Year /Semester
Mathematics in Technology	**general academic**	**3 / 6**
Elective path/specialty	Subject offered in:	Course (compulsory, elective)
Modelling in technology	**Polish**	**obligatory**
Cycle of study:	**Form of study (full-time,part-time)**	
First-cycle studies (Polish Qualifications Framework level six)	**full-time**	
No. of hours		No. of credits
Lecture: **-** Classes: **-** Laboratory: **-** Project/seminars: **120**		**2**
Status of the course in the study program (Basic, major, other)	(university-wide, from another field)	
other	**university-wide**	

Education areas and fields of science and art	**ECTS distribution (number and %)**
Technical sciences	**2 100%**
Technical sciences	**2 100%**

Responsible for subject / lecturer:

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Prerequisites in terms of knowledge, skills and social competencies:

1	**Knowledge**	Student has knowledge resulting from the implementation of the program of study for Mathematics in Technology. Student knows the rules of the internship and the conditions of passing the internship
2	**Skills**	Student has skills resulting from the implementation of the program of study for Mathematics in Technology.
3	**Social competences**	Student has social competences resulting from the implementation of the program of study for Mathematics in Technology.

Assumptions and objectives of the course:

The verification of the theoretical knowledge acquired during studies and to familiarize students with practical applications

Study outcomes and reference to the educational results for a field of study

Knowledge:

1. Student knows the application of the mathematical method is chosen scientific fields. - [K_W01] (P6S_WG)
2. Student has the regularized and theoretically based knowledge on the chosen science discipline by himself. - [K_W04, K_W05, K_W06, K_W07, K_W08]] (P6S_WG)
3. Student knows the basic knowledge about the current state, the latest development trends in the field of study. - [K_W11] (P6S_WG)
4. Students knows the ergonomic and the health and safety rules and the threats appearing in the company. - [K_W13] (P6S_WK)

Skills:

1. Student can use mathematical tools and methods to solve the chosen engineering problem. - [K_U01, KU03] (P6S_UW)
2. Student can formulate the engineering problem, design algorithm, choose software, carry out the research and prepare documentation. - [K_U04, K_U05, K_U10, K_U11] (P6S_UW), [K_U12, K_U13] (P6S_UK)
3. Student follows health and safety rules when using a computer [KU_09] (P6S_UW)
4. Student can work individually and collectively; can estimate time spend on a project implementation [KU_14] (P6S_UO)
5. Student can plan and carry out the self-education. - [K_U15] (P6S_UU)

Social competencies:

1. Student is aware of a lifelong learning and improving his skills [K_K01, K_K02] (P6S_KK)
2. Student is aware of a social aspects of practical knowledge and its responsibility [K_K03] (P6S_KO), [K_K04] (P6S_KR)

Assessment methods of study outcomes

The pass of the internship is based on:
1. The execution of the activities provided in the internship program.
2.The internship report confirmed by the university supervisor.
3. The certificate of the internship completion issued by the company.
4. The survey on the internship outcome

Course description

The training in health and safety rules and fire regulations.
The familiarization with the applicable regulations and the terms of employment protection, state and official secrets.
The familiarization with the company structure.
The implementation of individual internship program.
The preparation of the internship report.

Update date: 29.10.2018

Basic bibliography:

1. Regulamin organizacji praktyk studenckich objętych programem studiów na Wydziale Elektrycznym Politechniki Poznańskiej.
2. Regulamin studiów stacjonarnych i niestacjonarnych pierwszego i drugiego stopnia uchwalony przez Senat Akademicki Politechniki Poznańskiej.

Additional bibliography:

1. Rozporządzenie Ministra Pracy i Polityki Socjalnej z dnia 26 września 1997 r. w sprawie ogólnych przepisów bezpieczeństwa i higieny pracy. Dz.U. 1997 nr 129 poz. 844.

Result of average student's workload

Activity	Time (working hours)
1. The training in health and safety rules and fire regulations.	2
2. The familiarization with the applicable regulations and the terms of employment protection, state and official secrets.	2
3. The familiarization with the company structure.	4
4. The implementation of individual internship program.	108
5. The preparation of the internship report.	4

Student’s workload

Source of workload	hours	ECTS
Total workload	120	2
Contact hours	15	1
Practical activities	120	2