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Social competencies:

		STUDY MODULE D	ESCRIPTION FORM		
	of the module/subject	and Design of Productio	n Processes	Code 1011105341011120159	
	f study		Profile of study (general academic, practica		
_		ment - Part-time studies -		2/4	
Electiv	e path/specialty	-	Subject offered in: Polish	Course (compulsory, elective obligatory	
Cycle of study:			Form of study (full-time,part-time)	
First-cycle studies			part-time		
No. of	hours			No. of credits	
Lectu	ıre: 10 Classes	s: - Laboratory: 14	Project/seminars:	- 4	
Status	of the course in the study	program (Basic, major, other)	(university-wide, from another	field)	
		(brak)		(brak)	
Educa	tion areas and fields of sci	ence and art		ECTS distribution (number and %)	
ul.	culty of Engineering Ma Strzelecka 11 60-965 F equisites in term	Poznań Is of knowledge, skills and	<u>-</u>		
1	Knowledge	Basic knowledge from high scho machine parts will be explained	ool. The necessary information in the field of technology and subsequently.		
2	Skills	Ability to solve simple problems,	the ability to obtain information	on from the identified sources	
3	Social competencies	Understanding the importance o	f technical sciences and their	applications	
Assı	umptions and obj	ectives of the course:			
proce		amiliarize students with the theored cessing with particular emphasis of thnological process.			
4004.		mes and reference to the	educational results fo	r a field of study	
Kno	wledge:			•	
		roducts? lifecycle - [K01-InzA_W(D1]		
		ods, techniques, tools and materia oitation - [K04-InzA_W02]	lls that are applied in solving s	imple engineering tasks relating	
	ows some typical indus itation - [K07-InzA_W0	trial technologies and has an exte	nsive knowledge of building te	echnologies and machines?	
Skill		~]			
1. ls a		ect tasks and solve simple design t	tasks in the field of construction	n and exploitation of machinery	
-	- ·	cal and economic analysis of the u	undertaken engineering activit	ies - [K01-InzA_U04]	
3. Is a	able to design and anal	yze technological processes and c	organize production systems	- [K01-InzA_U5]	
		technology of simple machinery particles		as design the organization of the	

Assessment methods of study outcomes

1. Recognizes the importance of design and organization of technological processes in business engineering - [K01-InzA_K1]

2. Is aware of the significance of good design processes in finished products - [K01-InzA_K2]

Faculty of Engineering Management

Formative assessment:

Laboratories: on the basis of the current progress

Lectures: on the basis of the answers to the questions regarding the covered material during previous lectures

Collective assessment:

Lecture: written exam on the basis of previously prepared set of questions

Written assignment based in laboratories

Course description

The course covers the following topics: Documentation of technological process. Technical standards of working time. Quality. The accuracy of the machining process. The structure of the typical process engineering. Editing. Design of the assembly process. Elements of automation and robotic manufacturing processes. Analysis of the cost. Quality control. Certification. Surveying and layout fits. Tolerances.

Project activities include the design of a technological process of a selected part, the documentation of the process and a variant analysis of the cost regarding process implementation. Laboratories conducted in the factory. Unconventional methods of education. Selected technological production processes.

Basic bibliography:

Additional bibliography:

Result of average student's workload

Activity	Time (working hours)
1. lecture	30
2. laboratories	30
3. consultation	18
4. preparation for classes	15
5. preparation for credits	15
6. credits	2

Student's workload

Source of workload	hours	ECTS
Total workload	110	4
Contact hours	80	3
Practical activities	30	1