-	
Ω	
2	
Ø	
N	
0	
t. p	
⊐	
ď	
≷	
>	
>	
3	
~	
• •	
ď	
Ħ	
_	
_	

		STUDY MODULE D	ESCRIPTION FORM			
Name of the module/subject Passing Project				Code 1010611261010614451		
Field of	study		Profile of study (general academic, practical)	Year /Semester		
Transport			(brak)	3/6		
Elective path/specialty			Subject offered in:	Course (compulsory, elective)		
Food Transport		Polish	obligatory			
Cycle of study:		Form of study (full-time,part-time)				
First-cycle studies			full-time			
No. of h	ours			No. of credits		
Lectur	re: - Classes	s: - Laboratory: -	Project/seminars: 4	6		
Status o	of the course in the study	program (Basic, major, other)	(university-wide, from another fiel	d)		
		(brak)	(b	(brak)		
Education	on areas and fields of sci	ence and art		ECTS distribution (number and %)		
Responsible for subject / lecturer: Responsible for subject / lecturer:						
dr inż. Łukasz Wojciechowski email: lukasz.wojciechowski@put.poznan.pl tel. 665- 2655, 647-5888 MRiT ul. Piotrowo 3, 60-695 Poznań			dr hab. inż. Arkadiusz Stachowiak email: arkadiusz.stachowiak@put.poznan.pl tel. 6652655 MRiT ul. Piotrowo 3, 60-695 Poznań			
Prere	equisites in term	s of knowledge, skills an	d social competencies:			
1	Knowledge	Student has knowledge of strength of materials and elementary machine design.				
2	Skills	Student can execute basic calculations strength.				
3	Social competencies	Student is aware of professional activities manner and taking responsibility for their decisions.				
Assumptions and objectives of the course:						
Skill formation to use known and new knowledge to solve design problems. Introduction to food transportation specialty.						
	Study outco	mes and reference to the	educational results for a	field of study		
Knowledge:						
1. Student has a structured knowledge covering key topics useful for machines design [K1A_W17 K1A_W19 K1A_W24]						
Student knows the principles of rational machines design [K1A_W17 K1A_W19 K1A_W24] Skills:						
		ed machines and refrigeration dev	ices - [K1A IIO5 K1A IIO9 K1A	1100K1V 11431		
	-	r aided design software [K1A	<u>-</u>	-		

Evaluation of presented projects and presentations.

Social competencies:

Course description

Assessment methods of study outcomes

1. Student is aware of the importance and understands impact of non-technical aspects of engineering. Student also understands impact of engineer's decisions on environment. - [K1A_K02]

During the implementation of interim project the individual conveyors and pumping systems projects for food industry are made. In addition to the project, each student presents a presentation on the construction and use of design solutions specific to the device or system that presents.

1 6

Contact hours

Practical activities

Faculty of Working Machines and Transportation

Basic bibliography: 1. 1. Basic elementary machine design, strength of materials and food transportation literature selected based on the theme of project. Additional bibliography: Result of average student's workload Activity Student's workload Source of workload hours ECTS Total workload 150 6

21

150