COURSE DESCRIPTION CARD								
The nam	ne of th	Code A_P_1.1_004						
MECH	HANI							
Main field of study Educational profile						Year / term		
ARCHITECTURE					general academic, practical)	I/1		
Specjalization					Language of course:	Course (core, elective)		
			-		Polish	core		
Hours Lectures: 30 Classes: 30 Laboratory - Projects / seminars: 15 classes:						Number of points 4		
Level of the studies:		Form of studies (full-time studies/part-time		Educational area(s)		ECTS distribution (number and %)		
	1		imo studios	Technical Sciences				
	•	and	l part-time			4 100%		
		studies						
Course status in the studies' program (basic, directional, other) (general academic, from a different major))								
Respo	onsil	ole for cours	se/lecturer:	I	Lecturer:			
dr i	nż. a	rch. Anna S	ygulska		dr inż. arch. Anna Sygı	Ilska		
e-ma	ail: ar	na.sygulska@ f Architecture	⊉put.poznan.pl		e-mail: anna.sygulska@put	.poznan.pl		
ul. N	vity o Viesza	awska 13 A, 6	0-965 Poznań		ul. Nieszawska 13 A, 60-96	5 Poznań		
tel.:	61 66	65 32 60		1	tel.: 61 665 32 60			
Prere	quis	ites defined	in terms of know	wledge, skill	s, social competences	:		
			Preparation in the scope of trigonometry and algebra.			Actions on vectors.		
1	KNO	owieage:	Fundamentals of differential and integral calculus.					
a a			Solving trigonom	tiplication of vectors.				
2 Skills		Can calculate dif		ferential coefficients and integrals for simple function.				
•	Social Is prepared to active teamwork							
3	competences:							
Objective of the course:								
Preparation to designing the simple and complex building constructions.								
Learning outcomes								
Know	ledg	e:	lao in the coope of	fmachanica	of building			
W01		has knowledge in the scope of mechanics of building				AU1_009		
Skills:								
U01		can make ca	AU1_U12					
Social competences:								
K01		observes the principles of professional ethics; is responsible for the reliability of the obtained results of his/her work and their			AU1_K02			

K02	is aware of the importance of the solution and liability arising thereunder	ons proposed by an archite	AU1_K08			
The evaluation methods						
2 colloqu	ia during semester.					
Formativ Assessm	ent of knowledge and projects implemented du	ring classes				
Grading scale: 2,0; 3,0; 3,5; 4,0; 4,5; 5,0						
Summat	ive assessment:					
Assessm	ent obtained during written colloquia and exame	s consisting of written and ora	ll part			
Final grad	ding scale: 2,0; 3,0; 3,5; 4,0; 4,5; 5,0					
Positive grade for module depends on achieved by student all learning outcomes specified in the syllabus.						
Course contents						
system c	of forces. Reactions. Equations of static equilibrit	rium. Arrangement of truss me and bending moment. Calcu	embers and calculation of lation of internal forces in			
Basic bi 1. 2. 3.	bliography: Przewłócki J., Górski J., Podstawy mechaniki b Pyrak S., Szulborski K. :Mechanika konst Warszawa 1994. Litewka A., Litewka P.: Mechanika Budowli w 2006.	vudowli. "Arkady", Warszawa 2 rukcji dla architektów. Przy	2008. ykłady obliczeń. Arkady. Vydawnictwo PP. Poznań			
Basic bi 1. 3. Supplen 1.	bliography: Przewłócki J., Górski J., Podstawy mechaniki b Przewłócki J., Górski J., Podstawy mechaniki b Pyrak S., Szulborski K. :Mechanika konst Warszawa 1994. Litewka A., Litewka P.: Mechanika Budowli w 2006. Tentary bibliography: Kolendowicz T.: Mechanika budowli dla archite	vium. Arrangement of truss me and bending moment. Calcu nterior loads. Properties of ser pudowli. "Arkady", Warszawa 2 rukcji dla architektów. Przy architekturze historycznej. V	 copiarial fibricoficultent embers and calculation of lation of internal forces in ctions. 2008. ykłady obliczeń. Arkady. Vydawnictwo PP. Poznań rszawa 1994 			
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Balance the workload of the average student

Form of activity	Number of hours
participation in lectures	30 h
participation in classes/ laboratory classes (projects)	45 h
preparation for classes/ laboratory classes	30 h
preparation to colloquium/final review	20 h
participation in consultation related to realization of learning process	5 h
preparation to the exam	-
attendance at exam	-

As part of this specified student workload:

• activities that require direct participation of teachers:

30 h + 45 h + 5 h = **80 h**