	STUDY MODULE D	ESCRIPTION FORM		
Name of the module/subject Quality Management			Code 1010632221010640743	
Field of study		Profile of study (general academic, practical)	Year /Semester	
Mechanika i budowa	maszyn	general academic	1/2	
Elective path/specialty Gas technology and renewable energy		Subject offered in: English	Course (compulsory, elective) obligatory	
Cycle of study:	by and renewable energy	Form of study (full-time,part-time)	obligatory	
Second-cycle studies		full-time		
No. of hours			No. of credits	
Lecture: 1 Classe Status of the course in the study	,	Project/seminars: (university-wide, from another f unive	- 1 ield) ersity-wide	
Education areas and fields of sc	ience and art		ECTS distribution (number	
technical sciences			and %) 1 100%	
technical sciences			1 100%	
			1 100/0	
Responsible for subj	ect / lecturer:			
Prof. dr hab. inż. Zbigniew email: zbigniew.klos@pur tel. +4861 665 2231 Machines and Transport ul. Piotrowo 3, 60-965 Pc	i.poznan.pl			
Prerequisites in term	ns of knowledge, skills an	d social competencies:		
1 Knowledge	Student has fundamental knowledge about management of organizations and fundamental knowledge on innovativity and innovation development.			
2 Skills		perceiving and associating of phenomena occurring in ted organizations and is able to interpret them, draw practical e. opinions		
3 Social competencies	Student has the awareness of importance and understands the effects of undertaking innovative, market oriented, activities.			
Assumptions and ob	jectives of the course:			
	the knowledge of fundamental iss ainting them with basic tools of qua			
Study outco	mes and reference to the	educational results for	a field of study	
Knowledge:	the field of standardization, recon	mendations and ELL directives	international national and	
industry standards in the are	ea of quality - [K2A_W09]			
2. Has a basic knowledge of Skills:	quality management systems [h	(2A_W15]		
	ntific paper in a foreign language o	n the quality issues, based on li	terature and other sources of	
information, including online	sources and submit an oral prese election of machines within the sele	ntation in this field [K2A_U0	2]	
Social competencies	•			
engineering activities and its	nds the importance and impact of r impact on the environment [K2/ mechanical engineer, understands ility issues [K2A_K06]	A_K02]		

Assessment methods of study outcomes

Control test (written).

Course desci	ription			
Definition of quality. Changes of quality. Shaping of quality. Assuran cultural. Total Quality Management. Specificity of Japanese and Am Quality assurance and management systems. Introduction to quality Methods of quality level evaluation. Introduction to quality costs.	erican approach towards quali	y. ISO 9000 standards.		
Basic bibliography:				
Additional bibliography:				
Result of average student's workload				
Activity		Time (working hours)		
1. Lecture participation		15		
2. Consolidation of lecture content	3			
3. Consultations	2			
4. Preparation for assessment	8			
5. Assessment participation	2			
Student's wo	rkload			
Source of workload	hours	ECTS		
Total workload	30	1		
Contact hours	19	1		
Practical activities	0	0		