

FACULTY OF CHEMISTRY					
SUBJECT CARD					
Name of subject in Polish:	Socjologia dla inżynierów				
Name of subject in English:	Sociology for engineers				
Main field of study (if applicable):					
Specialization (if applicable):					
Profile:	academic				
Level and form of studies:	2 st level, full-time				
Kind of subject:	optional				
Subject code	SCZ000307				
Group of courses	NO				
	Lecture	Classes	Laboratory	Project	Seminar
Number of hours of organized classes in University (ZZU)	30				
Number of hours of total student workload (CNPS)	90				
Form of crediting	crediting with grade				
For group of courses mark (X) final course					
Number of ECTS points	3				
including number of ECTS points for practical (P) classes					
including number of ECTS points for direct teacher-student contact (BK) classes	1				
PREREQUISITES RELATING TO KNOWLEDGE, SKILLS AND OTHER COMPETENCES					
Due to the elementary and widening character of the subject matter is not required specific prerequisites. The student should have a general knowledge in the field of high school.					
SUBJECT OBJECTIVES					
To ensure fundamental knowledge about:					
C1: aims and objectives of the sociological analysis, in particular sociological analysis of work and technology					
C2: social change stimulated by technological changes, transforming work processes and globalization.					
To ensure fundamental skills regarding to:					
C3: apply sociological perspective to the understanding of everyday work in both service and professional occupations;					
C4: apply and develop general social science analytical skills.					

SUBJECT EDUCATIONAL EFFECTS		
relating to knowledge:		
PEK_W01 student understands and can describes aims and objectives of the sociological analysis of transformation of technology and work		
PEK_W02 student understands the role of social change stimulated by technological changes, transformation of work and globalization		
relating to skills		
PEK_UO1 student identifies basic social processes, social change and social adaptation with reference to transformation of technology and work		
relating to social competences:		
PEK_K01 student is aware of the changes, and their significance, in the modern world as a result transformation of technology and work		
PROGRAMME CONTENT		
Form of classes - lecture		Number of hours
Lec 1	Introduction to sociology	2
Lec 2	The concepts of sociology of modern world, technology and work	2
Lec 3	The social construction of technology	
Lec 4	Technology as social force	
Lec 5	Social aspects of work –work in industrial and non-industrial context	2
Lec 6	Work, employment and technology- an overview of the role in society	2
Lec 7	Inequalities and power in work- occupations and occupational change: upskilling, polarisation and duality, technological change, knowledge economy	2
Lec8	Work, technology and life: work and life balance, job satisfaction, sense of belonging, identity, work ethic, alienation	2
Lec 9	Technology and social relations	2
Lec 10	Selected problems of modern societies and technology	2
Lec 11	Selected problems of modern societies and technology	2
Lec 12	Selected problems of modern societies and technology	2
Lec 13	Practical application of sociology: diagnosis of social problems, social policy, social ethic and responsibility	2
Lec 14	Failures i relations society- technology	2
Lec 15	Recapitulation- final test	2
	Total hours	30
TEACHING TOOLS USED		
N1. Presentations		
N2. Quizzes		
N3. Case studies		
EVALUATION OF SUBJECT EDUCATIONAL EFFECTS ACHIEVEMENT		
Evaluation (F – forming (during semester), P –	Educational effect number	Way of evaluating educational effect achievement

concluding (at semester end)		
F1=P		
P	PEK_W01 PEK_W02 PEK_W03 PEK_U01 PEK_U02	Written exam-test
PRIMARY AND SECONDARY LITERATURE		
<u>PRIMARY LITERATURE:</u>		
<p>[1] Bijker W., Law J. (1992), <i>Shaping Technology/Building Society: Studies in Sociotechnical Change</i>, MIT Press</p> <p>[2] Bijker W., Hughes T.P., Pinch T. (2012), <i>The Social Construction of Technological Systems. New Directions in the Sociology and History of Technology</i>, MIT Press</p> <p>[3] Quan-Haase A. (2015), <i>Technology and Society: Social Networks, Power, and Inequality</i> Oxford University Press</p>		
<u>SECONDARY LITERATURE:</u>		
<p>[4] Watson, T. (2008). <i>Sociology, work and industry</i>, London and New York: Routledge.</p> <p>[5] Grint, K. (ed.) (2000) <i>Work and society: A reader</i>. Cambridge: Polity</p> <p>[6] Scott, W. R. (2008). <i>Institutions and organizations: Ideas and interests</i>. London: SAGE Publications.</p>		
SUBJECT SUPERVISOR (NAME AND SURNAME, E-MAIL ADDRESS)		
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