

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: 2st level, full-time
 Kind of subject: optional
 Subject code
 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 corresponding to classes that require direct participation of lecturers and other academics (BU)	1,3				

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:		
PEU_W01 student understands and can describes aims and objectives of the sociological analysis of transformation of technology and work		
PEU_W02 student understands the role of social change stimulated by technological changes, transformation of work and globalization		
relating to skills		
PEU_UO1 student identifies basic social processes, social change and social adaptation with reference to transformation of technology and work		
relating to social competences:		
PEU_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 in 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 LEARNING OUTCOMES ACHIEVEMENT		
Evaluation (F – forming during semester), P –	Learning outcomes code	Way of evaluating learning outcomes achievement

concluding (at semester end)		
F1=P		
P	PEU_W01 PEU_W02 PEU_W03 PEU_U01 PEU_U02	Written exam-test
PRIMARY AND SECONDARY LITERATURE		
<u>PRIMARY LITERATURE:</u>		
[1] Bijker W., Law J. (1992), <i>Shaping Technology/Building Society: Studies in Sociotechnical Change</i> , MIT Press [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 [3] Quan-Haase A. (2015), <i>Technology and Society: Social Networks, Power, and Inequality</i> Oxford University Press		
<u>SECONDARY LITERATURE:</u>		
[4] Watson, T. (2008). <i>Sociology, work and industry</i> , London and New York: Routledge. [5] Grint, K. (ed.) (2000) <i>Work and society: A reader</i> . Cambridge: Polity [6] Scott, W. R. (2008). <i>Institutions and organizations: Ideas and interests</i> . London: SAGE Publications.		
SUBJECT SUPERVISOR (NAME AND SURNAME, E-MAIL ADDRESS)		
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