

Faculty of Management				
Study programme:	Management and Production Engineering	Degree level: full-time programme: Bachelor's degree		
Specialization		Diploma path: -		
Module name:	Management Information Systems			
Module type:	obligatory	Semester: 6	ECTS 4	Module ID: KS06027
No. of hrs in semester:	L - 15	C -	LC- P- SW- 30	S-
Prerequisites:	<i>Complete with prerequisites or "-"</i>	Information technology, management basics		
Teaching methods:	<i>lecture, class, laboratory class, project, seminar, specialization workshop</i>	Assessment:	<i>Evaluation must be relevant to the intended learning outcomes</i>	
		lecture - written test; specialization workshop - too tests		
Aims and objectives:	Mastering the students a comprehensive and modern knowledge of computer applications in logistics and manufacturing of practical management and the ability to apply this knowledge in practice at different levels of management			
Module content:	Information technology and management. Fundamentals of management information systems. The basics of computers and building computer systems. Telecommunications in information systems - basic definitions, the components of telecommunications networks. Database as a basic element of information systems. The use of information systems in logistics and management - characteristics, types of integrated systems. Fundamentals of information technology business objects. Systems of trade, banking and public administration as examples of applications of information systems.			
Learning outcomes		<i>Relevance to the programme learning outcomes</i>		
LO1	classifies and describes the systems used in logistics	I_W04		
LO2	indicates the trends of modern information systems	I_W08, I_U06		
LO3	defines and establishes the relationship between the company and the operation procedures reflect these elements and functions of information systems	I_U20		
LO4	able to choose the right system for a particular task	I_W08, I_K01		
LO5	gaining literacy program modules included in the system	I_U20		
LO6	able to work in a team	I_K05		
student workload	lecture attendance	15x1h	15	
	participation in classes, laboratory classes, etc.	15x2h	30	
	preparation for classes, laboratory classes, projects, seminars, etc.	20x1h	20	
	work on projects, reports, etc.			
	participation in student-teacher sessions related to the class / seminar /	10x1h	10	
	preparing for the Assessment Exercise	10	10	
	preparation for and participation in exams/tests	12h	12	
		TOTAL:	97	

quantitative indicators	Student workload - activities that require direct teacher participation 15h+30h+10h=55h	55	ECTS 2
	Student workload - practical skills activities 30h+20h+10h+10h+10h=80h	80	3
basic references:	1. Broniatowska-Rokicka A.: <i>Wstęp do informatyki gospodarczej</i> , Oficyna wydawnicza SGH, Warszawa, 2004, 2. Niedzielska E. (red.): <i>Informatyka ekonomiczna</i> , Wydawnictwo Akademii Ekonomicznej we Wrocławiu, Wrocław 2003. 3. Nowicki A. (red.): <i>Informatyka dla ekonomistów. Studium teoretyczne i praktyczne</i> . Wydawnictwo Naukowe PWN, Warszawa-Wrocław 1998, 4. Nowicki A.(red): <i>Wstęp do systemów informacyjnych zarządzania w przedsiębiorstwie</i> . Wydawnictwo Politechniki Częstochowskiej, Częstochowa, 2005.		
supplementary references:	1. Bielecki W. T.: <i>Informatyzacja zarządzania</i> . PWE, Warszawa 2001. 2. Kolbusz E., Nowakowski.: <i>Informatyka w zarządzaniu, metody i systemy</i> . Wydawnictwo Zachodniopomorskiej Szkoły Biznesu, Szczecin 1999. 3. Sztylek J.: <i>Symfonia. Kadry i płace</i> , Helion, Gliwice 2001. 4. Curtis G.: <i>Business Information Systems: Analysis, Design and Practice</i> , Addison Welsey Publishing Company, 1995.		
learning outcomes	<i>methods of assessing learning outcomes</i>	type of class (if more than one) where the outcomes are assessed	
LO1	written test on the lecture	L	
LO2	written test on the lecture	L	
LO3	pass a written test with a lecture and specialization workshop	L, SW	
LO4	pass a written test with a lecture and specialization workshop	L, SW	
LO5	colloquia qualifying specialist workshop	SW	
LO6	discussion on the implementation of the exercise, teamwork observation	SW	
LO7			
LO8			
Department:	Katedra Informatyki Gospodarczej i Logistyki	Group instructors:	mgr inż. Zenon Barańczuk, dr inż. Katarzyna Halicka, mgr Alicja Gudanowska
Date:	28.02.2013	Coordinator:	mgr inż. Zenon Barańczuk

L - lecture C - class LC - laboratory class P-project
SW - specialization workshop S - seminar