1011105311011005283

Course (compulsory, elective)

elective

2

ECTS distribution (number

1/1

Year /Semester

No. of credits

Name of the module/subject

Elective path/specialty

12

dr Ryszard Danecki

tel. (+4861)6653388

Education areas and fields of science and art

Responsible for subject / lecturer:

email: Ryszard.Danecki@put.poznan.pl

Faculty of Engineering Management

Strzelecka Str. 11, 60-965 Poznań

Field of study

Cycle of study:

No. of hours

Lecture:

Internet Technologies and Services

Engineering Management - Part-time studies -

Second-cycle studies

(brak)

Classes:

Status of the course in the study program (Basic, major, other)

Quality Systems and Ergonomics

		Structural programming language.	
3	Social competencies	Interests in technologies that underlay everyday operation	
Assı	umptions and obj	ectives of the course:	
conce	ept of net services, from ded both as a self conta ess, Web page and We		
	Study outco	mes and reference to the educational result	
Kno	wledge:		
1. The students should know the Internet protocol stack architecture and understand the			
	ey should be able to ch _W09]	aracterize main Web design technologies and discuss their	
3. Stu	idents should describe	the concepts of Web services and semantic Internet [K2	
	idents should know bas _W17]	sic cryptographic concepts and understand their role in the	
Skill	s:		
	ident should be able to uter devices [K2A_l	configure their network environment and to manage sever J06]	
2. The	ey should diagnose and	d correct typical errors that appear while updating Websites	
3. The	ey should specify interfa	aces between layers of Web applications [K2A_U06]	
Soci	ial competencies:		
1. Stu	idents should be aware	of responsible use of the Internet applications and resource	
		Assessment methods of study outcome	
		incomposition in the contract of the contract	

Responsible for subject / lecturer: dr inż. Zbigniew Włodarczak

email: Zbigniew.Wlodarczak@put.poznan.pl

part-time

(brak)

and %)

tel. (+4861) 665 33 87

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Prerequisites in terms of knowledge, skills and social competencies:

Laboratory:

1	Knowledge	First cycle study courses on computer science and information technology. Preferably this should include preliminary knowledge of HTML documents, programming language assignment and control instructions, being familiar with relational data bases.			
2	Skills	Preferably: ability to prepare simple HTML documents, understand simple programs in structural programming language.			
3	Social competencies	Interests in technologies that underlay everyday operation of network devices.			

STUDY MODULE DESCRIPTION FORM

Profile of study

Subject offered in:

Form of study (full-time,part-time)

Project/seminars:

(brak)

(general academic, practical)

Polish

(university-wide, from another field)

nologies and to inroduce them to the Veb services paradigm. This may be to more applicative courses on E-

s for a field of study

- e idea behind its layers. [K2A_W08]
- r advantages and drawbacks. -
- A_W08]
- computer security technologies. -
- al type of connections between
- on a server. [K2A_U06]

ces. - [K2A_K05 K2A_K06]

nes

-Written and oral presentations on key topics.					
Course description					
-Lectures:					
The challenges of internetworking. TCP/IP protocol stack. The evolution of Web pages and Web applications. The Internet standards for Web design. XML and Web ontology. The concept of web services and supporting protocols. The cryptographical basis for network security.					
Basic bibliography:					
Additional hibliography					
Additional bibliography:					
Result of average student's workload					
Activity	Time (working hours)				
1. Participation in lectures	12				
2. Preparation for the final credits	6				
3. Home assignments	6				
Student's wo	rkload				
Source of workload	hours	ECTS			
Total workload	24	2			
Contact hours	12	1			
Practical activities	0	0			