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Skills:

NI-		STUDY MODULE D	ESCRIPTION FORM		
	of the module/subject			Code 1011102311011130179	
Field of			Profile of study	Year /Semester	
Engineering Management - Full-time studies - Elective path/specialty Quality Systems and Ergonomics			(general academic, practical)	4.14	
			(brak) Subject offered in:	1 / 1 Course (compulsory, elective)	
			Polish	obligatory	
Cycle o	ycle of study:		Form of study (full-time,part-time)		
	Second-c	ycle studies	full-time		
No. of h	nours			No. of credits	
Lectu	re: 30 Classes	s: 15 Laboratory: -	Project/seminars:	- 4	
Status	of the course in the study	program (Basic, major, other)	(university-wide, from another fi	eld)	
		(brak)		brak)	
Educati	ion areas and fields of sci	ence and art		ECTS distribution (number	
				and %)	
Resp	onsible for subj	ect / lecturer:	Responsible for subject	t / lecturer:	
-	-		•		
	Małgorzata Gajowiak ail: malgorzata.gajowia	ak@nut noznan nl	mgr inż Agata Budzyńska email: ata.budzynska@put.	noznan nl	
	+48-61-665-3390	in e patipoznampi	tel. +48-61-665-3393		
Fac	culty of Engeneering M	anagement	Faculty of Engeneering Management		
ul. S	Strzelecka 11 60-965 F	Poznań	ul. Strzelecka 11 60-965 Po	znań	
Prere	equisites in term	s of knowledge, skills and	d social competencies:		
		Student has a basic knowledge	of microeconomics		
1	Knowledge	Student has a basic knowledge of microeconomics.			
		Student knows the basic laws or	ad principles of acapamics		
		Student knows the basic laws ar			
		Students knows the market struc	eture.		
2	Skills	Students knows the market structure Student is able to assess the eco	cture.		
2	Skills	Students knows the market struct Student is able to assess the economic	cture. conomic information media. terms.		
		Students knows the market structure Student is able to assess the economic Student properly uses economic Student has the ability of economic students.	eture. onomic information media. terms. nic analysis.		
	Social	Students knows the market struct Student is able to assess the eccent student properly uses economic Student has the ability of econor Student takes entrepreneurial accent student takes entrepreneurial accent student stude	oture. conomic information media. terms. nic analysis. tivity.	ena.	
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3 Assu C1. To	Social competencies amptions and objustions of transfer the knowledge of the deducate skills to correspond to the contract of	Students knows the market struct Student is able to assess the ext Student properly uses economic Student has the ability of econor Student takes entrepreneurial act Student is aware of the processe Student participates in the life of ectives of the course: The basic interrelationships in a mark ge of the allocation of resources are	cture. conomic information media. cterms. nic analysis. ctivity. cs and socio-economic phenom the academic community. cet economy. ad wealth in the process of globa oeconomic analysis using stand	alization. dard tools of economic analysis	
3 Assu C1. To C2. To C3. To	Social competencies amptions and objustions of transfer the knowledge of the deducate skills to correspond to the contract of	Students knows the market struct Student is able to assess the extended student properly uses economic student has the ability of econor student takes entrepreneurial action of the processe student participates in the life of ectives of the course: In basic interrelationships in a mark ge of the allocation of resources are ectly interpret and conduct of macroscipates.	cture. conomic information media. cterms. nic analysis. ctivity. cs and socio-economic phenom the academic community. cet economy. ad wealth in the process of globa oeconomic analysis using stand	alization. dard tools of economic analysis	
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3 Assu C1. To C2. To C3. To Knov 1. Stud 2. Stud	Social competencies amptions and objust provide knowledge of transfer the knowledge of educate skills to correst Study outcowledge: dent knows the basic pedent knows the performance of the competency of the co	Students knows the market struct Student is able to assess the ecc Student properly uses economic Student has the ability of econor Student takes entrepreneurial acc Student is aware of the processe Student participates in the life of ectives of the course: In basic interrelationships in a mark ge of the allocation of resources are ectly interpret and conduct of mace mes and reference to the maradigms of modern economics.	cture. characteristics.	alization. dard tools of economic analysis a field of study _W05, K2A_W18] 04, K2A_W05, K2A_W18]]	
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8. Student knows the accuracy of the international division of labor and international trade. - - [[K2A_W01, K2A_W04, K2A_W05, K2A_W18]]

Faculty of Engineering Management

- 1. Student is able to identify the types of market economy. [[K2A_U01, K2A_U02, K2A_U03, K2A_U04, K2A_U06,]]
- 2. Student has the ability to solve problems relating to the calculation of inflation, unemployment, budget and international trade. [[K2A_U01, K2A_U02, K2A_U03, K2A_U04, K2A_U06,]]
- 3. Student is able to review and critically evaluate the method SNA (system of national account) the calculation of GDP [- [K2A_U01, K2A_U02, K2A_U03, K2A_U04, K2A]
- 4. Student is able to assess factors of economic growth and the importance of money for its development. [K2A_U01, K2A_U02, K2A_U03, K2A_U04, K2A_U06,]]
- 5. Student can explain the causes and conditions of macroeconomic disparities modern global economy. [K2A_U01, K2A_U02, K2A_U03, K2A_U04, K2A_U06,]]
- 6. Student can measure and interpret economic indicators to make its decision. [-

[K2A_U01, K2A_U02, K2A_U03, K2A_U04, K2A_U06,]]

- 7. Student can evaluate the performance of individual economies in the world through a set of measures and indicators. -[K2A_U01, K2A_U02, K2A_U03, K2A_U04, K2A_U06,]]
- 8. Student has the ability to interpret the sources of economic crisis. [- [K2A_U01, K2A_U02, K2A_U03, K2A_U04, K2A_U06,]]
- 9. Student can estimate the size mismatch of the Polish economy to the EU (the gap of innovation, competitiveness effects). [- [K2A_U01, K2A_U02, K2A_U03, K2A_U04, K2A_U06,]]

Social competencies:

- 1. Student actively participates in the discussion on a given topic. [[K2A_K03, K2A_K04, K2A_K05, S2A_K06, S2A_K06]]
- 2. Student takes care of organizing teamwork to solve the problem. [- [K2A_K03, K2A_K04, K2A_K05, S2A_K06, S2]]
- 3. Student interacts and works in the group taking in the different roles. [- [K2A_K03, K2A_K04, K2A_K05, S2A_K06, S2]]
- 4. Student shares his knowledge and seek additional information. [- [K2A_K03, K2A_K04, K2A_K05, S2A_K06, S2]]
- 5. Student has excellent skills and knowledge of interdisciplinary dimension. [- [K2A_K03, K2A_K04, K2A_K05, S2A_K06, S2]]
- 6. Student is capable of entrepreneurial activities. [- [K2A_K03, K2A_K04, K2A_K05, S2A_K06, S2]]

Assessment methods of study outcomes

-Forming Rating:

Grading on the basis of: colloquium, active participation in class

summary assessment

Written exam (test), required at least 55% correct answers.

Course description

- 1 The modern school of economic thought in macroeconomics.
- 2 The market economy and its types.
- 3 The role of the state in a market economy.
- 4 Evaluating the effectiveness of a market economy.
- 5 Economic growth and development in theory and practice.
- 6 The role of money and monetary policy.
- 7 An imbalance in the modern economy.
- 8 The state budget.
- 9 System transformation of the Polish economy.
- 10 Globalization.
- 11 International economic integration.
- 12 International economic relations.
- 13 Macroeconomic disparities modern global economy.

Basic bibliography:

- 1. 1. Skawińska E., Sobiech-Grabka K.G., Nawrot K.A., Makroekonomia. Teoretyczne i praktyczne aspekty gospodarki rynkowej, PWE, Warszawa 2010.
- 2. 2. Skawińska E., Sobiech-Grabka K.G., Wstęp do Makroekonomii, Wyd. Politechniki Poznańskiej, Poznań 2010.
- 3. 3. Begg D., Fischer S., Dornbusch R., Makroekonomia, PWE, Warszawa 2007.
- 4. 4. Makroświat. Podręcznik z ćwiczeniami do makroekonomii, red. M. Gajowiak, Wyd. Politechniki Poznańskiej, Poznań 2013.

Additional bibliography:

- 1. 1. Wilczyński W., Polski przełom ustrojowy 1989-2005: ekonomia epoki transformacji, Wyd. WSB, Poznań 2005.
- 2. 5. Podstawy makroekonomii. Problemy ? zadania ? rozwiązania, red. A. Baszyński, W. Jarmołowicz, UE w Poznaniu, Poznań 2009
- 3. 3. Samuelson P.A., Nordhaus W. D., Ekonomia, t. 2, WN PWN, Warszawa 2004
- 4. 4. Balicki W., Makroekonomia, WSB, Poznań 2011.
- 5. 5. Reports made by chosen institutions like NBP, GUS, PARP, WEF, IMD, UE (from their web sites)

Result of average student's workload

Activity	Time (working hours)
1. Lectures	30
2. Exercises	15
3. Prepare for Training	15
4. The consultation exercise	6
5. Exam Preparation	30
6. Exam	2
7. Discussion of the results of the examination	2

Student's workload

Source of workload	hours	ECTS		
Total workload	100	4		
Contact hours	51	2		
Practical activities	15	0		