

**COURSE GUIDE**

<u>Subject name</u>	<b>Macroeconomics</b>
<u>Course of study</u>	<b>Quality and Production Management</b>
<u>The form of study</u>	<b>Full-time</b>
<u>Level of qualification</u>	<b>First</b>
<u>Year</u>	<b>I</b>
<u>Semester</u>	<b>I</b>
<u>The implementing entity</u>	<b>Department of Production Engineering and Safety</b>
<u>The person responsible for preparing</u>	<b>dr hab. inż. Piotr Tomski, prof. PCz</b>
<u>Profile</u>	<b>General academic</b>
<u>Course type</u>	<b>Basic</b>
<u>ECTS points</u>	<b>4</b>

**TYPE OF TEACHING – NUMBER OF HOURS PER SEMESTER**

<b>LACTURE</b>	<b>CLASSES</b>	<b>LABORATORY</b>	<b>PROJECT</b>	<b>SEMINAR</b>
<b>15E</b>	<b>15</b>			

### COURSE AIMS

- C1. Presenting the principles of theoretical thinking with reference to the subject of studies (economic practice) and in the opposition to the principles of common sense thinking.
- C2. Presenting the structure of basic concepts of economics, measures and economic dependencies.
- C3. Familiarizing students with the course of basic economic processes.
- C4. Presenting the principles of control of economic processes at the state level.

### ENTRY REQUIREMENTS FOR KNOWLEDGE, SKILLS AND OTHER COMPETENCES

- 1. The student can define what their contact with the market and its institutions consists in.
- 2. The student can define what functions are performed by the state institutions.
- 3. The student can present what the production process consists in.
- 4. The student shows the ability of using the concept of mathematical function in any form.

### LEARNING OUTCOMES

EU 1 - The student understands and uses some basic economic categories essential for understanding the problems of macroeconomics and understands the essence of macroeconomics simultaneously distinguishing different reasoning of individual schools of economic thought.

EU 2 -The student can present some basic problems of the economic policy and knows the role of the State in the economy and the problems resulting from the share of the State in the economy.

EU 3 - The student knows the ways of measurement of the economy and the problem of economic fluctuations as well as determinants of national income. The student can determine the essence of the economic downturn and the business cycle and also has the knowledge of the problem of assessment of the economic downturn.

EU 4 - The student has knowledge on open economy.

### COURSE CONTENT

<b>Type of teaching – LECTURE</b>	<b>Number of hours</b>
W 1 - Principles of Economics. Subject and method of economics. Macro- and micro-economics. Macro-economic balance. Types and essence of markets in the macro-economic approach. Supply and demand.	2
W 2 - Measuring the product and national income. Problems of measurement of the economy. Determinants of national income.	2
W 3 - Aggregate supply and aggregate demand.	1
W 4 - Main assumptions, concepts and dependencies in the theory by J.M.Keynes and classical economists.	2
W 5 - Consumption and investments - the approach by J.M.Keynes and classical economists.	1
W 6 - Balance in the money market. Money and monetary policy.	2
W 7 - Interventionism of the state. Basic problems of economic policy. State budget. Taxes and budgetary expenditure and national income. Budget deficit and its financing.	1
W 8 - Economic growth and development.	1
W 9 - Inflation	1
W 10 - Open economy: significance of foreign trade in a short and a long term.	1
W 11 - Theory of employment and unemployment.	1
<b>Type of teaching – CLASSES</b>	<b>Number of hours</b>
C 1 - Introduction to macroeconomics: discussing the form and content of the classes, the conditions of credit, literature, form of contacts, significance of the subject. Structure and functions of market economy. Basic concepts connected with macroeconomics.	3
C 2 - Creating the product and division of national income. Categories of national income. Problems of measurement of the economy. Determinants of national income.	2
C 3 - Main assumptions, concepts and dependencies in the theory by J.M.Keynes and classical economists. Basic categories and dependencies in Keynes' economics. Dispute on the balance between investments and savings on the market of goods and services and on labor market.	3
C 4 - Functions and type of money. Money market, banking system and monetary policy. The concept of money creation multiplier.	2
C 5 - Budget and budget policy of the State. Budget deficit and the level of national income.	2

C 6 -Inflation and unemployment	1
C 7 - Open economy - international trade, money market, balance of payments	1
C 8 - Test	1

### TEACHING TOOLS

1. Lectures with multimedia presentations.
2. Practical classes using student-activating methods.
3. Case studies.
4. Group activity, cooperation, discussion.
5. Course books and academic books, textbooks and scripts.

### WAYS OF ASSESSMENT (F – FORMING, P – SUMMATIVE)

F1. Participation in lectures

F2. Contribution to the content of lectures, participation in discussion.

P1. Written examination -multiple choice test

### STUDENT WORKLOAD

Form of activity		Average number of hours for realization of the activity		
		[h]	ECTS	ECTS
Contact hours with the teacher	LECTURE	15	0.6	1.56
Preparing to exam		22	0.88	
Exam		2	0.08	
Contact hours with the teacher	CLASSES	15	0.6	1.32
Preparing to classes		18	0.72	
Getting Acquainted with the indicated literature		20	0.8	0.8
Consultation		8	0.32	0.32
<b>TOTAL NUMBER OF HOURS / ECTS CREDITS FOR THE COURSE</b>		<b>100</b>	<b>4</b>	

### BASIC AND SUPPLEMENTARY RESOURCE MATERIALS

#### Basic resources:

1. Domańska A. Macroeconomics, Szkoła Główna Handlowa, Warszawa, 2015
2. Joost Platje. A Short Introduction to Micro and Macroeconomics, Opole: Wydawnictwo Uniwersytetu Opolskiego, Opole, 2006.

#### Supplementary resources:

1. Dornbusch R., Fischer, S. Macroeconomics, New York : McGraw-Hill Book Company, 1981
2. Heinz Kohler, Macroeconomics, Lexington : D.C. Heath and Company, 1992.
3. Tomski P., Globalizacja procesów wymiany handlowej jako efekt funkcjonowania rynków wirtualnych, Badania Naukowe. Wyższa Szkoła Ubezpieczeń w Kielcach, z. 2, 2001, s. 93-100.
4. Tomski P., Ekonomiczne znaczenie sektora małych i średnich przedsiębiorstw, Zeszyty Naukowe, nr 3, 2002, s. 161-172.

### TEACHERS ( NAME, SURNAME, E-MAIL ADDRESS)

1. dr hab. inż. Piotr Tomski, prof. PCz; e-mail: piotr.tomski@wz.pcz.pl

### FORM OF ASSESSMENT - DETAILS

Learning outcome	Reference of given outcome to outcomes defined for whole program (PRK)	Course aims	Course content	Teaching tools	Ways of assessment
EU1	K W04, K U01 K_U11	C1-C4	W1-W11 C1-C7	1-5	F1, F2, P1
EU2	K W04, K_U01, K_K04	C1-C4	W1-W11 C1-C7	1-5	F1, F2, P1
EU3	K W04, K U01, K U11	C1-C4	W1-W11	1-5	F1, F2, P1

			C1-C7		
EU4	K W04, K U01, K U11	C1-C4	W1-W11 C1-C7	1-5	F1, F2, P1

**ASSESSMENT FORM - DETAILS**

	<b>grade 2</b>	<b>grade 3</b>	<b>grade 4</b>	<b>grade 5</b>
EU1	The student has knowledge and abilities specified in the present effect of education in the amount below 60%	The student has knowledge and abilities specified in the present effect of education in the amount equal to 60%	The student has knowledge and abilities specified in the present effect of education in the amount equal to 80%	The student has knowledge and abilities specified in the present effect of education in the amount equal to 100%
EU2	The student has knowledge and abilities specified in the present effect of education in the amount below 60%	The student has knowledge and abilities specified in the present effect of education in the amount equal to 60%	The student has knowledge and abilities specified in the present effect of education in the amount equal to 80%	The student has knowledge and abilities specified in the present effect of education in the amount equal to 100%
EU3	The student has knowledge and abilities specified in the present effect of education in the amount below 60%	The student has knowledge and abilities specified in the present effect of education in the amount equal to 60%	The student has knowledge and abilities specified in the present effect of education in the amount equal to 80%	The student has knowledge and abilities specified in the present effect of education in the amount equal to 100%
EU4	The student has knowledge and abilities specified in the present effect of education in the amount below 60%	The student has knowledge and abilities specified in the present effect of education in the amount equal to 60%	The student has knowledge and abilities specified in the present effect of education in the amount equal to 80%	The student has knowledge and abilities specified in the present effect of education in the amount equal to 100%

**ADDITIONAL USEFUL INFORMATION ABOUT THE COURSE**

1. Information where presentation of classes, instruction, subjects of seminars can be found, etc. - presented to students during first classes, if required by the formula classes are sent electronically to the e-mail addresses of individual dean groups.
2. Information about the place of classes - Information can be found on the website of the Faculty of Management.
3. Information about the timing of classes (day of the week / time) - Information can be found on the website of the Faculty of Management
4. Information about the consultation (time + place) - Information can be found on the website of the Faculty of Management

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Coordinator