

MODULE DESCRIPTION

Module code	Z-ZIP-480z
Module name	Przedsiębiorczość technologiczna
Module name in English	Technological enterprise
Valid from academic year	2016/2017

A. MODULE PLACEMENT IN THE SYLLABUS

Field of study	Management and Production Engineering
Level of education	1st degree <i>(1st degree / 2nd degree)</i>
Studies profile	General <i>(general / practical)</i>
Form and method of conducting classes	Full-time <i>(full-time / part-time)</i>
Specialisation	Business Management
Unit conducting the module	The Department of Production Engineering
Module co-ordinator	Bożena Kaczmarska, PhD hab.
Approved by:	

B. MODULE OVERVIEW

Type of subject/group of subjects	Specialist subject <i>(basic / major / specialist subject / conjoint / other HES)</i>
Module status	Compulsory <i>(compulsory / non-compulsory)</i>
Language of conducting classes	English
Module placement in the syllabus - semester	7th semester
Subject realisation in the academic year	Winter semester <i>(winter semester/ summer)</i>
Initial requirements	No requirements <i>(module codes / module names)</i>
Examination	No <i>(yes / no)</i>
Number of ECTS credit points	2

Method of conducting classes	Lecture	Classes	Laboratory	Project	Other
Per semester	10			20	

C. TEACHING RESULTS AND THE METHODS OF ASSESSING TEACHING RESULTS

Module target	The principles and targets of the subject are directed towards the process of establishing and running an innovative business activity. The aim of project classes is to create a concept of undertaking a technological enterprise.
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Effect symbol	Teaching results	Teaching methods <i>(l/c/lab/p/other)</i>	Reference to subject effects	Reference to effects of a field of study
W_01	A student has basic knowledge as regards establishing and running a micro, small, and medium enterprise. A student also knows financing sources in business activity, legal, and taxation forms.	l/p	K_W03 K_W10 K_W13 K_W18	T1A_W08 T1A_W10 S1A_W05 S1A_W06 InzA_W03 InzA_W01 T1A_W09 T1A_W11 InzA_W04 T1A_W05
W_02	A student has basic knowledge of market analysis of an enterprise.	l/p	K_W10	S1A_W05 S1A_W06 InzA_W03 InzA_W01
W_03	A student is familiar with the strategy of implementing new technological enterprises.	l/p	K_W10 K_W13 K_W16	S1A_W05 S1A_W06 InzA_W03 InzA_W01 T1A_W09 T1A_W11 InzA_W04 T1A_W05 T1A_W11 S1A_W11 InzA_W02
U_01	A student can take advantage of basic theoretical knowledge to analyse processes connected with establishing and running a business activity.	l/p	K_U01 K_U15	TA1_U01 TA1_U02 TA1_U10 InzA_U03
U_02	A student takes advantage of the acquired knowledge to solve dilemmas appearing during the enterprise development process. In addition, a student analyses economic issues and suggests appropriate solutions in this respect.	p	K_U01 K_U15	TA1_U01 TA1_U02 TA1_U10 InzA_U03
U_03	A student is able to analyse processes of implementing new technologies by using typical methods.	p	K_U01 K_U15	TA1_U01 TA1_U02 TA1_U10 InzA_U03
K_01	A student understands the necessity of lifetime education in order to raise his/her own qualifications as regards enterprise management, which is a consequence of changing market conditions on both national and international scale.	l/p	K_K01 K_K02	T1A_K01 T1A_K02 InzA_K01
K_02	A student can cooperate and work in teams, communicate effectively, and act ethically as regards the designated organizational and social roles.	p	K_K04	T1A_K03 T1A_K04

K_03	A student can present his/her own concepts, visions using elevator pitch as well as IT tools for presentation.	p	K_K05 K_U04	T1A_K06 InzA_U02 TA1_U04
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Teaching contents:

1. Teaching contents as regards lectures

Lecture number	Teaching contents	Reference to teaching results for a module
1	Introduction Enterprise. The features and skills of leaders in new enterprises. From finding an idea to establishing a company.	W_01 K_01
1	Financing sources of business activity Financing a new enterprise. Bank credit, loan funds, credit guarantee funds, venture capital, business angels, and franchising.	W_01 K_01
2	Selecting legal forms for new enterprises Legal forms. Legal forms with reference to business concept. Selecting a legal form in the case of dynamic companies.	W_01 K_01
3	Finance and accounting system The choice of taxation form of a business activity. Key decisions concerning the financial and accounting system. Alternative solutions. The use of information from the finance and accounting system. Tax burden minimisation.	W_01 K_01
4-5	The specificity of new technological enterprises New technological enterprises – the essence and scale of the phenomenon. The identification, selection, and verification of concepts based on technological innovations. The protection of intellectual property. The financing of technological enterprises. Market assessment of new enterprises. Innovative business environment institutions.	W_02 W_03 K_01

2. Teaching contents as regards classes

Class number	Teaching contents	Reference to teaching results for a module

3. Teaching contents as regards laboratory classes

Laboratory class number	Teaching contents	Reference to teaching results for a module

4. The characteristics of project assignments

Project class number	Teaching contents	Reference to teaching results for a module
1-8	Preparing individual projects of running technological enterprises: The analysis of ideas as regards business activity, a technological enterprise. Business concept, identification of good ideas for business. The analysis of financing resources. The choice of legal form and taxation.	W_01 W_02 W_03 U_01 U_02

	Market analysis. Selecting the manner of commercialization concerning technological enterprises, and intellectual property protection.	U_03 K_01 K_02
9-10	Presenting individual projects	K_03

The methods of assessing teaching results

Effect symbol	Methods of assessing teaching results <i>(assessment method, including skills – reference to a particular project, laboratory assignments, etc.)</i>
W_01	A discussion, an oral test, preparing a chapter in a project.
W_02	A discussion, an oral test, preparing a chapter in a project.
W_03	A discussion, an oral test, preparing a chapter in a project.
U_01	A discussion, an oral test, preparing a chapter in a project.
U_02	A discussion, an oral test, preparing a chapter in a project.
U_03	A discussion, an oral test, preparing a chapter in a project.
K_01	Project preparation.
K_02	Project preparation and presentation.
K_03	Project presentation.

D. STUDENT'S INPUT

ECTS credit points		
	Type of student's activity	Student's workload
1	Participation in lectures	10
2	Participation in classes	
3	Participation in laboratories	
4	Participation in tutorials (2-3 times per semester)	2
5	Participation in project classes	20
6	Project tutorials	6
7	Participation in an examination	
8		
9	Number of hours requiring a lecturer's assistance	38 <i>(sum)</i>
10	Number of ECTS credit points which are allocated for assisted work <i>(1 ECTS point=25-30 hours)</i>	1.5
11	Unassisted study of lecture subjects	2
12	Unassisted preparation for classes	
13	Unassisted preparation for tests	
14	Unassisted preparation for laboratories	
15	Preparing reports	
15	Preparing for a final laboratory test	
17	Preparing a project or documentation	15
18	Preparing for an examination	
19		
20	Number of hours of a student's unassisted work	17 <i>(sum)</i>
21	Number of ECTS credit points which a student receives for unassisted work <i>(1 ECTS point=25-30 hours)</i>	0.5
22	Total number of hours of a student's work	55
23	ECTS points per module <i>1 ECTS point=25-30 hours</i>	2
24	Work input connected with practical classes <i>Total number of hours connected with practical classes</i>	41
25	Number of ECTS credit points which a student receives for practical classes <i>(1 ECTS point=25-30 hours)</i>	1.5

E. LITERATURE

Literature list	<ol style="list-style-type: none"> 1. Cieřlik J., <i>Przedsiębiorczość dla ambitnych. Jak uruchomić własny biznes</i>, Wydawnictwa Akademickie i Profesjonalne, Warszawa 2006. 2. Dolna-Ciemniakowska M., Wesolowska A., <i>Zakładamy firmę</i>, Difin, Warszawa 2007. 3. <i>Materiały internetowe</i>, m.in. www.seipa.edu.pl
Module website	