

SYLLABUS

Name: Innovation management (ZIPAOZ>SM1IM19O)

Name in Polish:

Name in English: Innovation management

Information on course:

Course offered by department: Faculty of Organization and Management

Course for department: Silesian University of Technology

Default type of course examination report:

EGZ

Language:

English

Course homepage:

<https://platforma2.polsl.pl/roz/course/view.php?id=128>

Short description:

The main objective of the course is presenting the essence of innovation processes and management of these processes from the perspective of business, scientific entities, public administration units and networks of these entities.

Description:

The essence of the course is to present the concepts of innovation management and application of innovation management instruments in business organizations. On the lecture are presented approaches to the essence of innovation management and the resulting concepts, methods and instruments. For the classes students prepare individual and team assignments. The final grade is based on the prepared and presented assignments, activity during the classes and final examination in written and oral form.

Bibliography:

Basic literature:

1. Trott P. Innovation Management and New Product Development. 6th edition. Pearson 2018

2. Tidd J., Bessant J. Strategic innovation management. Wiley 2014

3. Burgelman R., Christensen C., Wheelwright S. Strategic Management of Technology and Innovation. McGraw Hill International Edition 2009.

Supplementary literature:

1. OSLO Manual - Guidelines for collecting and interpreting innovation data. Third Edition OECD 2005, Fourth Edition 2018 - Available online

2. Osterwalder A., Pigneur Y. Business model generations. Wiley&Sons, 2010

3. European Investment Bank Innovation investment in Central, Eastern and South-Eastern Europe: Building future prosperity and setting the ground for sustainable upward convergence. Kindle Edition

4. Johannessen, J. The Workplace of the Future (Routledge Studies in the Economics of Innovation), Taylor and Francis. Kindle Edition.

Learning outcomes:

Student knows and understands:

E1 in a more in-depth knowledge of organisational management systems and methods and tools for improving these systems in terms of exercising corporate governance; connections with the directional effects K2A_W07, K2A_W11

E2 knows about current trends and latest achievements in production engineering and management, connection with the directional effect K2A_W12

The student is able to:

E3 propose the method of solving an innovative problem, using the different sources of knowledge: literature, patents and other sources, communicate advantages and disadvantages, is able to define the directions of further learning and implement the process of self-education; connections with the directional effects: K2A_U11

The student is ready to:

E4 think and act in a creative and entrepreneurial manner; connections with the directional effects: K2A_K04

Assessment methods and assessment criteria:

written and oral exam (50% of the final grade)

individual assignments (50% of the final grade)

Each of the assignments grades must be positive (at least 3.0).

There are three terms of examinations: two in the main session and one in the resit session.

Practical placement:

The course is not directly connected with professional practice, however, students can apply social network analysis during practice and while preparing their master's thesis.

Element of course groups in various terms:

Course group description	First term	Last term
missing group description in English (ZIPAOZ>SM1-19-O)	2020/2021-Z	
missing group description in English (ZIPAOZ>SM1-23-O)	2023/2024-Z	

Course credits in various terms:

<without a specific program>			
Type of credits	Number	First term	Last term
European Credit Transfer System (ECTS)	3	2020/2021-Z	