

Basic information about the subject (independent of the cycle)

Małgorzata Dolińska, Professor

academic year: 2020/2021

Winter semester

Module name	Innovations in Organizations
Erasmus code	
ISCED code	
Language of instruction	English
Website	
Prerequisites	
ECTS points hour equivalents	Contact hours (work with an academic teacher) 15 Total number of hours with an academic teacher 15 Number of ECTS points with an academic teacher 2 Non-contact hours (students' own work) 10 Total number of non-contact hours 10 Number of ECTS points for non-contact hours 1 Total number of ECTS points for the module 3
Educational outcomes verification methods	Active participation in lectures and classes, taking part in discussion, analyzing case studies, preparing project and its presentation
Description	<p>Innovations are vital to the competitiveness of firms and economics. The module covers the knowledge in the area of innovation development and application in the knowledge based economy. This course characterizes types of innovations, an idea of innovation process, rules of innovation management and applying open innovations by contemporary organizations, also companies. This module determines assumptions of innovation policy of the EU. It also presents:</p> <ul style="list-style-type: none"> - the role of innovations in development of countries, regions and companies, also markets, - an influence of innovation networks on competitiveness of firms, also economies. - using results of R&D, diffusion of knowledge and innovations by different types of organizations, also companies.
Reading list	<ol style="list-style-type: none"> 1. B. Borusiak, M. Lewicki, Innovation management: research aspects, Poznań University of Economics and Business, Poznań 2016. 2. T. Davila, M. J. Epstein, R. D. Shelton (eds.), Making Innovation Work, Pearson Education, Inc., New Jersey, 2013. 3. D. Gołębiowska-Tataj, Entrepreneurial innovation networks: knowledge triangle and emerging business models, Oficyna Wydawnicza Politechniki Warszawskiej, Warszawa 2013.

	<p>4. J. Kaczmarek, P. Krzemiński (eds.), Development, innovation and business potential in view of economic changes, Foundation of the Cracow University of Economics, Cracow 2019.</p> <p>5. M. A. Weresa (ed.), Strengthening the knowledge for innovation in the European Union, PWN, Warsaw 2018.</p> <p>6. J. Tidd, J. Bessant, Managing innovation: integrating technological, market and organizational change, 5th ed., John Wiley & Sons, Chichester 2013.</p> <p>Scientific magazines on innovations.</p> <p>The relevant data bases on the Internet.</p>
Educational outcomes	<p>KNOWLEDGE</p> <ol style="list-style-type: none"> 1. Application of different kinds of innovations by organizations, also companies. 2. Learning active participation of organizations in open innovation process execution. 3. Development and diffusion of innovations within home and international innovation networks. <p>SKILLS</p> <ol style="list-style-type: none"> 1. Planning process of innovation also new product development. 2. Characterizing activities of innovation processes and designing their accomplishment within innovation networks. 3. Applying rules of innovation management in organizations, also companies and innovation, also new product commercialization. <p>ATTITUDES</p> <ol style="list-style-type: none"> 1. Making decisions during effective application of innovations in organizations. 2. Using and creating innovative capabilities and skills in companies. 3. Cooperation with partners also consumers during innovation process execution.
Practice	

Information about classes in the cycle

Website	
Educational outcomes verification methods	Assessment of active participation in lectures, classes during analyzing case studies, collective discussions, solving problems in teams, preparing project and its presentation
Comments	
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Educational outcomes	<p>KNOWLEDGE</p> <ol style="list-style-type: none"> 1. Application of different kinds of innovations by organizations, also companies. 2. Learning active participation of organizations in open innovation process execution. 3. Development and diffusion of innovations within home and international innovation networks. <p>SKILLS</p> <ol style="list-style-type: none"> 1. Planning process of innovation also new product development. 2. Characterizing activities of innovation process and designing its accomplishment within the innovation network. 3. Applying rules of innovation management in organizations and its commercialization. <p>ATTITUDES</p> <ol style="list-style-type: none"> 1. Make decisions during effective application of innovations in organizations. 2. Using and creating innovative capabilities and skills in companies. 3. Cooperation with partners also consumers during innovation process execution.
A list of topics	<ol style="list-style-type: none"> 1. Types of innovations and their characteristics. 2. Evolution from closed to open innovation. An idea of innovation process. 3. Characteristics of innovative organizations, also enterprises. 4. The role of R&D, external knowledge absorption, cooperation with universities and other partners during innovation process execution. 5. Development of different kinds of innovation networks (clusters, science-technology parks, incubators). 6. Creating innovations on crowdsourcing platforms and examples of their activity on the Internet. 7. Assumptions of the EU innovation policy and the knowledge based economy development. 8. Case studies on development of innovative companies, clusters and science-technology parks in European countries, USA, China.

	9. Preparing innovation projects in accordance with: stage gate systems, the venture capital model, the technology innovation model, time-driven systems.
Teaching methods	Lecture, case study, team work, solving challenges, analyzing innovative solutions, preparing project, literature study
Assessment methods	Active participation in lectures, classes, discussion, preparing project and its presentation