

Integrated Management Systems in Organizations - opis przedmiotu

Informacje ogólne	
Nazwa przedmiotu	Integrated Management Systems in Organizations
Kod przedmiotu	06.9-WM-ER-BHP-48_18
Wydział	Wydział Mechaniczny
Kierunek	WM - oferta ERASMUS
Profil	-
Rodzaj studiów	Program Erasmus
Semestr rozpoczęcia	semestr zimowy 2023/2024

Informacje o przedmiocie	
Semestr	1
Liczba punktów ECTS do zdobycia	1
Typ przedmiotu	obowiązkowy
Język nauczania	angielski
Sylabus opracował	dr inż. Paweł Bachman

Formy zajęć					
Forma zajęć	Liczba godzin w semestrze (stacjonarne)	Liczba godzin w tygodniu (stacjonarne)	Liczba godzin w semestrze (niestacjonarne)	Liczba godzin w tygodniu (niestacjonarne)	Forma zaliczenia
Laboratorium	30	2	-	-	Zaliczenie na ocenę

Cel przedmiotu

The main result of this course is to familiarize students with basic issues related to systems for managing the organization's resources, inventory management, production capacity management, customer relations, information management systems for knowledge management in the organization, information systems for managing the company's health and safety. Perform complex planning and simulation operations with optimization of supply chain management and production, procurement and human resources management in the enterprise.

Wymagania wstępne

Basic knowledge about business management. The ability to create presentations in Power Point

Zakres tematyczny

1. ERP systems - organization resource management.
2. MRP Systems - Inventory Management.
3. MRP II systems - management of production capacity.
4. CRM systems - customer relationship management.
5. Information systems for knowledge management in an organization.
6. Information systems for the management of occupational health and safety in the enterprise.
7. APS systems - performing complex planning and simulation operations with optimization.
8. SCM Systems - Supply Chain Management.
9. MES systems - production realization systems.
10. OMS systems - order management system.
11. Human resources management in the enterprise (human resources management, purpose, benefits).
12. Strategies in the company's business.

Metody kształcenia

Working with a printed source, didactic discussion

Efekty uczenia się i metody weryfikacji osiągnięcia efektów uczenia się

Opis efektu	Symbole efektów	Metody weryfikacji	Forma zajęć
The student is able to recognize the possibilities of undertaking various entrepreneurial activities		bieżąca kontrola na zajęciach	Laboratorium

Opis efektu	Symbole efektów	Metody weryfikacji	Forma zajęć
Student has basic knowledge of organization and management and business activity, possesses knowledge of basic issues and problems of modern management and basic mechanisms of functioning of organization		- bieżąca kontrola na zajęciach - kolokwium	Laboratorium
Student analyzes organizational structures against the background of economic phenomena; Analyzes the causes and processes of managing the team in the health and safety services. He is able to forecast processes and phenomena taking place in the organization using standard methods and tools in the field of human resources management; It analyzes social phenomena related to job evaluation.		aktywność w trakcie zajęć	Laboratorium

Warunki zaliczenia

Grading classes is based on the assessed presentation. Finally, there is a written test. The final grade is determined on the basis of the mean of the scores from the classes and the colloquium, with the same weight, provided both positive grades are obtained.

Literatura podstawowa

1. Qingping Li and Guoqiang Wu, ERP System in the Logistics Information Management System of Supply Chain Enterprises, Mobile Information Systems, Volume 2021
2. Hairul Rizad Md Sapry, Lorio L' wiew Anak Tawi, Abd Rahman Ahmad, Shathees Baskaran, The Effectiveness of MRP System to Forecast the Accuracy Inventory Requirement, International Journal of Engineering & Technology, 7 (4.1) (2018) 90-93
3. Muller M. Essentials of Inventory Management, AMACOM 2011
4. Buttle Francis, Customer Relationship Management, Taylor & Francis Ltd, 2019
5. Shiv S. Mathur and Alfred Kenyon, Creating Value Successful business strategies, Butterworth-Heinemann, 2001

Literatura uzupełniająca

The teacher provides the necessary literature in the form of a script for students

Uwagi

Zmodyfikowane przez dr inż. Paweł Bachman (ostatnia modyfikacja: 20-06-2023 11:27)

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