

Course title: **Operations Management**

Studies: International Business

Course description form (syllabus form)

General data						
Cycle of studies	2024-2027					
Organizational unit	Faculty of Economic Sciences					
Studies	International Business, first-cycle studies					
The profile of education	General academic					
Semester	VI					
Mode of studies	full-time					
Type of course	Lecture	Practical session	Laboratory	Conversatorium	Seminar	Project
Number of hours	15	30	-	-	-	-
Number of ECTS	3					
Examination	Graded credit					
Language	English					
Content author	Artur Skrzycki					
Course objectives						
Introducing students to the terminology in the field of operational management and addressing specific challenges associated with operational management.						
Prerequisites						
Basic knowledge in the field of economics and management; fluent command of the English language (B2 level).						
Student workload						
<div>1. Class sessions (including assessment and examination) - 45 hours</div> <div>2. Reading literature for classes - 10 hours</div> <div>3. Preparing assignments - 8 hours</div> <div>4. Assessment preparation - 10 hours</div> <div>5. Consultations-2 hours</div> <div>TOTAL: 75 hours (3 ECTS)</div>						
Short description						
What is operations management, key decisions in operations management, processes and systems in operations management, innovations, technology, and knowledge management, quality management in operational activities, risk management in operational activities, operations management in different contexts, etc.						
Learning outcomes						
<p>KNOWLEDGE:</p> <p>W01. Participants will know the place of operational management in the field of management and quality sciences within the realm of social sciences and related disciplines, encompassing the essence, regularities, and issues pertaining to organizational functioning, as well as the major developmental trends of this discipline (IB1_W01-03)</p> <p>W02. Participants will know selected methods and tools for acquiring, analyzing, presenting data, and modeling social and economic phenomena, supporting decision-making in organizations under unpredictable conditions. This knowledge is applicable in operational management of enterprises (IB1_W04)</p> <p>W03. Participants will know the principles and selected concepts of economic and management theories concerning the functioning and developmental trends of the market. This knowledge is valuable in operational management of enterprises (IB1_W05-06)</p> <p>SKILLS:</p> <p>U01. Participants will be able to apply the acquired knowledge in the field of management and quality sciences, as well as other disciplines, for accurate, creative interpretation of social phenomena. This ability is aimed at the effective and efficient execution of managerial tasks in operational management of enterprises (IB1_U01-02)</p> <p>U02. Participants will be able to select and apply appropriate methods of analysis and data acquisition, utilizing advanced techniques and forms of communication to describe and assess the causes and course of social processes and phenomena relevant to operational management of enterprises (IB1_U03-04)</p> <p>U03. Participants will be able to leverage knowledge from various fields relevant to operational management of enterprises to create innovative solutions within the organization. This includes planning and implementing processes, fostering learning, and guiding others (IB1_U05-06)</p> <p>COMPETENCIES:</p> <p>K01. Participants will develop their social and interpersonal skills by critical assessment and updating of the existing knowledge in resolving operational management issues for enterprises (IB1_K01)</p> <p>K02. Participants will develop their social and interpersonal skills by recognizing the significance of knowledge in the field of operational management for enterprises and to act entrepreneurially when taking initiatives and addressing economic challenges (IB1_K02-03)</p> <p>K03. Participants will develop their social and interpersonal skills by adhering to and developing principles of professional ethics and to assume responsibility associated with the profession (IB1_K04)</p>						
Form of verification						
Lecture: Graded credit; Class exercises: Graded credit						
Detailed data						
Type of course: Lecture/ Practical session						

Bibliography

Bibliography:

1. Operation management, Nigel Slack, Alistair Brandon-Jones, Robert Johnston, Pearson Education 2013
2. Operations Management, James Cooke, Panoma Press, 2012
3. Operations Management: A Modern Approach, Opracowanie zbiorowe, Apple Academic Press Inc., 2011

Supplementary:

1. Operations Management For Dummies, Opracowanie zbiorowe, John Wiley & Sons, 2022
2. Management: Tasks, Responsibilities, Practices, Peter F. Drucker, Truman Talley Books, 1986
3. The Toyota Way: 14 Management Principles from the World's Greatest Manufacturer, Jeffrey Liker, McGraw-Hill, 2021

Range of content

Lectures

1. What is Operations Management and Why is it Important? The History of Operations Management.
2. Operating System Models, Key Decisions in OM
3. Planning and Controlling the Use of Operating Assets and Resources, Strategic Approach to Operations Management
4. Processes and Systems in Operations Management, Supply Chain or Network Approach to Operations Management
5. Innovation, Technology and Knowledge Management, Quality Management in Operations
6. Operations Excellence, Managing Risk in Operations
7. Sustainability in Operations Management
8. Operations Management in Different Settings
9. Plant layout and design, different production systems
10. Trends encouraging focus on operations, The Biggest Operations Management Challenges

Practical session

1. Case study analysis across various industries to understand how operations impact overall business efficiency.
2. Practical case studies to see how different operating system models influence operational management decisions.
3. Group exercises on resource planning and asset management to comprehend the strategic aspects of operations.
4. Simulations of operational processes and supply chain management to illustrate real-world challenges and decision-making.
5. Hands-on sessions exploring innovation and technology in operations, with a focus on quality management principles.
6. Simulated exercises to understand and manage risks in operational contexts, promoting operations excellence.
7. Group projects assessing sustainability practices within various operations, emphasizing environmental and social responsibility.
8. Analyzing case studies from different settings to understand how operations management varies across industries.
9. Practical exercises on plant layout and design, exploring various production systems and their implications.
10. Group discussions and presentations on current trends impacting operations, addressing major challenges in operations management.

Didactic methods

1. Lecture
2. Group Discussion
3. Partial tasks conducted in groups or individually
4. Multimedia Presentations
5. Case Study
6. Independent Work with Source Literature

Assessment methods and assessment criteria

Lectures:

1. Participation in Classes Evaluation

Practical session:

1. Task Completion
2. Presentation Preparation

Grading Scale:

- Presentations and assignments meeting the minimum requirements - Pass (dst)
- Presentations and assignments containing all necessary, coherent, and logical content - Credit (db)
- Presentations and assignments containing all necessary, coherent, and logical information, presented in an interesting format, with personal conclusions - Distinction (bdb)