

COURSE DESCRIPTION

Course code	Course group	Volume in ECTS credits	Course valid from	Course valid to
VAD4001	C	6	2014 04 01	2019 04 01
Course type			compulsory	
Course level			bachelor (first-cycle) studies	
Semester the course is delivered			7	
Study form			face-to-face	

Course title in Lithuanian

Operacijų valdymas

Course title in English

Operations Management

Short course annotation in Lithuanian

Dalyko paskirtis – studijuoti teorinius ir praktinius operacijų valdymo pagrindus. Baigę dalyką studentai gebės taikyti operacijų valdymo principus, formuoti operacijų strategiją, organizuoti naujo produkto (paslaugos) kūrimą, projektuoti valdymo tiekimo grandinę verslo organizacijose, atsižvelgiant į aplinkos veiksnius.

Short course annotation in English

The aim of the course is to study theoretical and practical aspects of operations management. In this course students will develop competencies in the field of operations management. Students will develop competencies in operations design, supply chain planning, management and control as well as competencies in choosing methods and evaluating acquire of operations analysis in an organization. The course focuses on operations management as a competitive instrument of an organization.

Prerequisites for entering the course

Microeconomics; Essentials of Management; Fundamentals of Finance; Financial Accounting; Quality Management Systems; Principles of Marketing; Statistical Methods in Management; Organizational Behavior.

Course aim

To teach students to apply skills of operations management, taking into account environmental factors, to analyse separate activities of operations management, to apply the methods designed for them and to solve problems.

Links between study programme outcomes, course outcomes and criteria of learning achievement evaluation

Study programme outcomes	Course outcomes	Criteria of learning achievement evaluation
2) To apply knowledge when assessing the main areas of business administration – marketing, finance, human resource, operations management	1) To identify and define main concepts of operations management	The student identifies and defines at least half of given operations management concepts
3) To apply theoretical innovations and practical achievements, tendencies and peculiarities of modern business environment, as well as different business contexts to the analysis of business administration situations	2) To identify and interpret the data that describes theoretical innovations and practical achievements in operations management taking into account modern trends of business setting and peculiarities in different business contexts	The student identifies and interprets at least half of theoretical innovations and practical achievements in operations management taking into account modern trends of business setting and peculiarities in different business contexts
	3) To apply known theoretical innovations and practical achievements dealing with practical operations management situations/problems, taking into account modern trends of business setting and peculiarities in different	The student formulates and applies reasonable solutions at least for half of operations management practical situations/problems given for the analysis taking into account modern trends of business setting and peculiarities in different business

	business contexts	contexts
6) To demonstrate skills for the independent analysis of various business administration problems/situations, decision making and implementation, as well as project management	4) To apply the knowledge of operations management for analysis of a particular situations and task solving	The student recognizes and interprets operations management situations and formulates solutions for at least half of them
	5) To analyse independently specific operations management problems, draw conclusions and suggest solutions	The student demonstrates sufficient skills to analyse, to draw conclusions and suggest solutions for at least half of operations management problems presented for analysis
7) To demonstrate skills of oral and written communication, using professional business (including English) language	6) To prepare a group public oral presentation of a work/project, taking into account set requirements	Together with other students, the student prepares a public oral presentation of a work/project, meeting at least a half of set requirements.
	7) To formulate and defend his/her opinion during seminars, discussions etc., to convince, supporting the presented ideas	The student is able to formulate his/her opinion and answer uncomplicated questions about his/her ideas
8) To demonstrate team work skills: ability to communicate with others, share work, assume responsibility, etc.	8) To demonstrate the ability to communicate with others, share work, assume responsibility	The student works together with other students, communicates with other member of a group and assumes responsibility for his/her groups achievements

Link between course outcomes and content

Course outcomes	Content (topics)
1) To identify and define main concepts of operations management	1. Development of operations management. 2. Operations management and competitive ability. 3. Operations strategy: concepts, content.
2) To identify and interpret the data that describes theoretical innovations and practical achievements in operations management taking into account modern trends of business setting and peculiarities in different business contexts	4. Design of a product (service). 5. Process choice of a product manufacturing/ service. 6. Total quality management. 7. Design of the supply chain. 8. Planning and controlling the supply chain. 9. Project management.
3) To apply known theoretical innovations and practical achievements dealing with practical operations management situations/problems, taking into account modern trends of business setting and peculiarities in different business contexts	4.1. Methods of a product (service) design. 5.1. Methods of process choice for a product manufacturing/ service. 7.1. Design methods of supply chain. 8.1. Planning and control methods of supply chain. 9.1. Methods of project management.
4) To apply the knowledge of operations management for analysis of a particular situations and task solving	4.2. Solving practical tasks of a product (service) design. 5.2. Solving practical tasks of a product (service) design choice. 7.2. Solving practical tasks of supply chain design. 8.2. Solving practical tasks of supply chain planning and control. 9.2. Solving practical tasks of project management.
5) To analyse independently specific operations management problems, draw conclusions and suggest	4.3. Analysing problems of a product (service) design (case study). 5.3. Analysing problems of a product manufacturing/ service design choice (case study).

solutions	7.3. Analysing problems of supply chain design (case study). 8.3. Analysing problems of supply chain planning and control (case study). 9.3. Analysing problems of project management (case study).
6) To prepare a group public oral presentation of a work/project, taking into account set requirements	3. Operations strategy: concepts and content. 7. Designing the supply chain. 7.1. Design methods of supply chain. 7.2. Solving practical tasks of supply chain design. 7.3. Analysing problems of supply chain design.
7) To formulate and defend his/her opinion during seminars, discussions etc., to convince, supporting the presented ideas	2. Operations management and competitive ability. 7.3. Analysing problems of supply chain design.
8) To demonstrate the ability to communicate with others, share work, assume responsibility	7.4. Analysing problems (in group) of supply chain design following the logics of operations management activities.

Study methods

Teaching methods: presentation of information (explanation, illustration) using visual aids; case-based lecture; formulation and explanation cases, issues and practical tasks; moderation of discussion; consulting.
Learning methods: individual work: search for and analysis of information in scientific literature, periodicals, statistical documents, etc.; case analysis; analysis of cases and issues; performing of practical tasks; discussion; consultation; corporate students' work when preparing the presentation; oral self-reflection.

Methods of learning achievement assessment

Written assessment (during the colloquium and examination); assessment of the oral presentation of seminar tasks; assessment of the group work preparation in progress and its final oral presentation.

Distribution of workload for students

Lectures – 30 hrs.
Seminars – 15 hrs.
Team work (employing IT) – 15 hrs.
Individual work (*preparation for lectures, seminars, case-study analyses, independent studying of literature, preparation of a group work and its oral presentation, colloquium and examination*) – 100 hrs.

Structure of cumulative score and value of its constituent parts

Colloquium – 20 %.
Independent group project (*intended for preparation of a group project and its oral presentation*) – 15 %.
Seminar tasks – 15 %.
Examination - 50 %.

Recommended reference materials

Recommended Reference Materials				
No.	Publication year	Authors of publication and title	Publishing house	Number of copies in
				University library
Basic materials				
1.	2014	Chase R. B., Jacobs F. R., <i>Operations and Supply Chain Management.</i>	Mc Grow-Hill	1
2.	2010	Stungurienė S. <i>Operacijų valdymas: vadovėlis.</i>	Technologija	1
3.	2012	Johston R., Clark G., Shulver M. <i>Service Operation Management: Improving Service Delivery.</i>	Pearson Education	2
Supplementary materials				
1.	2011	<i>Harvard Business Review on Managing Supply Chains.</i> (Straipsnių rinkinys.)	HBR Press	2
2.	2008	Goldratt E. M., Cox J. <i>Tikslas. Tobulėjimo procesas.</i>	Rgrupė	1
3.	2012	Palevich R. <i>The Lean Sustainable Supply Chain: How to Create a Green Infrastructure with Lean Technologies.</i>	FT Press	2

Course description designed by

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