

NAME OF THE COURSE		OPERATIONS MANAGEMENT II				
Code	EUB305	Year of study	1.			
Course teacher	Dragana Grubišić, Ph.D. Doris Podrug Ph.D.	Credits (ECTS)	5			
Associate teachers		Type of instruction (number of hours)	L	S	E	F
			26		26	
Status of the course	Obligatory core course.	Percentage of application of e-learning	40%			
COURSE DESCRIPTION						
Course objectives	The core objective of the subject is to provide knowledge for performing operations in companies of different activities.					
Course enrolment requirements and entry competences required for the course						
Learning outcomes expected at the level of the course (4 to 10 learning outcomes)	<p>Learning outcomes: Critically evaluate possible decisions and predict their effects in the management of operations (level 7 according to the CQF).</p> <p>Individual learning outcomes:  1. Valorise process (and product) quality by applying appropriate statistical quality control methods (level 7 according to CQF).  2. Know the types of production processes (level 7 according to CQF).  3. Recommend ways of scheduling line, interrupted, and project processes (level 7 according to the CQF).  4. Understand inventory management models (level 7 according to the CQF).  5. Critically evaluate different approaches to workforce management and job design in production (level 7 according to CQF).</p>					
Course content broken down in detail by weekly class schedule (syllabus)	Lectures		Exercises			
	Theme	Hours	Theme	Hours		
	1. Introduction	2	1. Simulation of the production process	2		
	2. Types of process	2	2. Types of process	2		
	3. Termination of line processes	2	3. Tasks: Termination of line processes	2		
	4. Termination of interrupted processes	2	4. Tasks: Terminating interrupted processes 1	2		
	5. Project termination	2	5. Tasks: Terminating interrupted processes 2	2		
	6. Quality of the process	2	6. Tasks: Gantt charts	2		
	7. Statistical quality control methods	2	7. Tasks: CPM, PERT	2		
	8. 1. colloquium		8. 1. colloquium			
	9. Fieldwork	2	9. Fieldwork	2		
	10. Independent demand inventory <del>Workforce management in production</del>	2	10. Tasks: PERT-COST	2		
	11. Dependent demand inventory	2	11. Tasks: Control charts for continuous values	2		
	12. Fieldwork	2	12. Fieldwork	2		
	13. Work management (selected topics)	2	13. Control charts for discontinued values	2		
14. Fieldwork	2	14. Fieldwork	2			
15. 2. colloquium		2. colloquium				

Format of instruction	<input checked="" type="checkbox"/> lectures <input type="checkbox"/> seminars and workshops <input checked="" type="checkbox"/> exercises <input type="checkbox"/> <i>on line</i> in entirety partial e-learning <input checked="" type="checkbox"/> field work		<input checked="" type="checkbox"/> independent assignments <input type="checkbox"/> multimedia <input type="checkbox"/> laboratory <input type="checkbox"/> work with mentor <input type="checkbox"/> (other)			
Student responsibilities	The condition for signing and taking the exam is a minimum attendance of 70% for full-time students and 35% for part-time students.					
Screening student work (name the proportion of ECTS credits for each activity so that the total number of ECTS credits is equal to the ECTS value of the course)	Class attendance	0,5	Research		Practical training	0,5
	Experimental work		Report		(Other)	
	Essay		Seminar essay		(Other)	
	Tests	4	Oral exam		(Other)	
	Written exam		Project		(Other)	
Grading and evaluating student work in class and at the final exam	<p>During the semester, students will have two colloquia. Students can get rid of the exam by completing both colloquia (tasks totaling at least 50% and theory at least 60%). In order to gain access to the second colloquium, the first must achieve at least 40% of the tasks and 45% of the theory. The total score is formed by the successful resolution of both sessions. Alternatively, if students do not pass the exam through a colloquy, they can take it in writing during the exam period. Students who want a higher rating may answer orally.</p> <p>The achieved percentage and appropriate grades for written tests are:</p> 0% - 54,5%      inadequate (1) 55% - 66,5%      sufficient (2) 67% - 77,5%      good (3) 78% - 88,5%      very good (4) 89% - 100%      excellent (5)					
Required literature (available in the library and via other media)	<b>Title</b>		<b>Number of copies in the library</b>	<b>Availability via other media</b>		
	Schroeder, R. G. (1999). Upravljanje proizvodnjom. Odlučivanje u funkciji proizvodnje. 4. izdanje. Zagreb: Mate,		12	Intranet		
	Jacobs, F. R. i Chase, R. B. (2018): Upravljanje operacijama i lancem opskrbe. Zagreb: Mate		1			
	Heizer, J., Render, B. i Munslon, C. (2017): Operations management: Sustainability and Supply Chain Management. 12th ed. Pearson			Internet pdf		
	Grubišić, D. ur. (2022): Operacijski menadžment. Sveučilište Josipa Jurja Strossmayera u Osijeku. Ekonomski fakultet u Osijeku. Sveučilište u Rijeci. Ekonomski fakultet u Rijeci. Sveučilište u Splitu. Ekonomski fakultet u Splitu. Sveučilište u Zagrebu. Ekonomski fakultet u Zagrebu		10	online knjižnica		

Optional literature (at the time of submission of study programme proposal)	Vila, A., Leicher, Z., Planiranje proizvodnje i kontrola rokova, Informator, Zagreb, 1986.
Quality assurance methods that ensure the acquisition of exit competences	<ul style="list-style-type: none"> <li>• Monitoring attendance and performance of other student obligations (teacher)</li> <li>• Teaching Supervision (Vice Dean for education and student affairs)</li> <li>• Analysis of the success of studies in all subject studies (Vice Dean for education and student affairs)</li> <li>• Student Survey on the Quality of Teachers and Teaching for Each Subject Study (UNIST, Center for Quality Improvement)</li> <li>• The examination conducted by the subject teacher examines all learning outcomes of the subject. Periodic examination of the content of the exam is conducted on the basis of which the appropriateness of the method of checking the learning outcomes (Vice Dean for education and student affairs)</li> </ul>
Other (as the proposer wishes to add)	