NAME OF THE COURSE	OPERATIONS MANAGEMENT II					
Code	EUB305	Year of study	1.			
Course teacher	Dragana Grubišić, Ph.D. Srećko Goić, 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)	Learning outcomes: Critically evaluate possible decisions and predict their effects in the management of operations (level 7 according to the CQF). Individual learning outcomes: 1. Valorize 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).

Course content broken down in detail by weekly class schedule (syllabus)

Lectures		Exercises	
Theme	Hours	Theme	Hours
1. Introduction	2	1. Simulation of production process	2
2. Quality of the process	2	2. Quality of the process	2
3. Statistical quality control methods	2	3. Tasks: Control charts for continuous values	2
4. Types of process	2	4. Tasks: Control charts for discontinued values	2
5. Termination of line processes	2	5. Tasks: Termination of line processes	2
6. Termination of interrupted processes 1	2	6. Tasks: Terminating interrupted processes 1	2
7. Termination of interrupted processes 2	2	7. Tasks: Terminating interrupted processes 2	2
8. 1. colloquium		8. 1. colloquium	
9. Project termination	2	9. Tasks: Gantt charts	2
10. Independent demand inventory	2	10. Tasks: CPM, PERT	2
11. Film: Production processes in the Automotive Industry	2	11. Discussion of the types of production processes	2
12. Dependent demand inventory	2	12. Tasks: PERT	2
13. Film: Production processes in the Aviation Industry	2	13. Discussion of the types of production processes	2

	14. Work management (selected topics)	2	14. Tasks: PERT-COST	2
	15. semester 2. colloquium		2. colloquium	

Format of instruction	☑ lectures ☐ seminars and workshops ☑ exercises ☐ *on line* in entirety ☑ partial e-learning ☑ field work	☑ independent assignments ☐ multimedia ☐ laboratory ☐ work with mentor ☐ (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	During semester students will have two colloquia. Students can get rid of the exam by successfully completing both colloquia (tasks totaling at least 50% and total 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 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. The achieved percentage and appropriate grades for written tests are: 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)	**Title**	**Number of copies in the library**	**Availability via other media**
	Schroeder, R. G., Upravljanje proizvodnjom. Odlučivanje u funkciji proizvodnje, četvrto izdanje, Mate, Zagreb, 1999.	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		OBJ

Optional literature (at the time of submission of study	Vila, A., Leicher, Z., Planiranje proizvodnje i kontrola rokova, Informator, Zagreb, 1986.

programme proposal)	
Quality assurance methods that ensure the acquisition of exit competences	• Monitoring attendance and performance of other student obligations (teacher) • Teaching Supervision (Vice Dean for teaching) • Analysis of the success of studies in all subject studies (Vice Dean for teaching) • Student Survey on the Quality of Teachers and Teaching for Each Subject Study (UNIST, Center for Quality Improvement) • 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 teaching)
Other (as the proposer wishes to add)	