

UNIVERSITY OF EAST SARAJEVO
PRODUCTION AND MANAGEMENT FACULTY IN TREBINJE

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ACADEMIC STUDIES CURRICULUM

INDUSTRIAL MANAGEMENT

UNDERGRADUATE ACADEMIC STUDIES (240 ECTS)

Trebinje, June 2009.

1ST YEAR

Semester	Course status	No.	Courses	Classes L+E	ECTS
I	C	1.	Sociology	2+0	2
	C	2.	English 1	2+2	5
	C	3.	Mathematics 1	3+2	6
	C	4.	Fundamentals of Information Technology	3+2	6
	C	5.	Materials Science	2+2	5
	C	6.	Projective Geometry and Technical Drawing	2+3	6
Total:				14+11	30
II	C	1.	Physics	2+2	5
	C	2.	English 2	2+2	5
	C	3.	Mathematics 2	3+2	6
	C	4.	Computer Programming and Programming languages	2+2	5
	C	5.	Mechanics 1	2+2	5
	C	6.	Electrical Engineering	2+2	4
Total:				14+11	30

2nd YEAR

Semester	Course status	No.	Courses	Classes L+E	ECTS
III	C	1.	English 3	2+0	2
	C	2.	Mathematics 3	2+2	5
	C	3.	Mechanics 2	3+2	6
	C	4.	Business Law	3+2	6
	C	5.	Fundamentals of Management	2+2	5
	C	6.	Economics in Engineering	2+3	6
Total:				14+11	30
IV	C	1.	English 3	2+2	5
	C	2.	Mathematics 3	2+2	5
	C	3.	Mechanics 2	3+2	6
	C	4.	Business Law	2+2	5
	C	5.	Fundamentals of Management	2+2	5
	C	6.	Economics in Engineering	2+2	4
Total:				14+11	30

3rd YEAR

Semester	Course status	No.	Courses	Classes L+E	ECTS
V	C	1.	English 5	2+0	2
	C	2.	Machine Elements	2+2	5
	C	3.	Fluid Mechanics	3+2	6
	C	4.	Human Resources Management	3+2	6
	C	5.	Conventional Technologies 2	2+2	5
	C	6.	Tool Machines	2+3	6
Total:				14+11	30
VI	C	1.	English 6	2+2	5
	C	2.	Conventional Technologies 3	2+2	5
	C	3.	Technical Systems Automation	3+2	6
	C	4.	Quality Management	2+2	5
	C	5.	Organisation Structure	2+2	5
	C	6.	Accountancy in Management	2+2	4
Total:				14+11	30

4th YEAR

Semester	Course status	No.	Courses	Classes L+E	ECTS
VII	C	1.	Fundamentals of Computer Aided Construction	2+0	2
	C	2.	Project Management	2+2	5
	C	3.	Production Management	3+2	6
	C	4.	English 7	3+2	6
	C	5.	Finance Management	2+2	5
	C	6.	Production Systems Design	2+3	6
Total:				14+11	30
VIII	C	1.	Information Technology Systems	2+2	5
	C	2.	Entrepreneurship and Business	2+2	5
	C	3.	English 8	3+2	6
	C	4.	System Reliability and Maintenance	2+2	5
	C	5.	Fundamentals of Marketing	2+2	5
	C	6.	Elective course	2+2	4
Total:				14+11	30

Note:

C – compulsory course

E – elective course

LIST OF ELECTIVE COURSES

No.	Courses
1.	Quality Systems Design
2.	Machines and Tools in Processes
3.	Computer Integrated Manufacturing
4.	Electronic Business
5.	Market Research
6.	Strategic Management
7.	Random Processes

D E A N

/ Prof. dr Rade Ivanković /