Year I, Semester 1 (winter)

No. Course type Hours Credit type* For semester completion ECT points		r 1, Semester 1 (winter)				Course	
1. Etiquette in Public Life lecture 15 grading no 1 2. Social Communication lecture 15 grading no 1 3. Information Technology lecture 15 grading no 2 4. Information Technology laboratory 15 grading no 2 B. Basic courses 5. Physics lecture 15 grading no 3 6. Physics class 15 grading no 3 7. Microeconomics, macroeconomics lecture 30 examination yes 5 8. Microeconomics, macroeconomics class 15 grading yes 5 C. Major courses 9. Management lecture 30 grading no 3 11. Engineering Design lecture 30 grading no 5 12. Engineering Design class 15 grading no 5 13. Informatics and Computer Aided Engineering Graphics, Informatics and Computer Aided Engineering Graphics, Informatics and Computer Aided Engineering Graphics, Informatics and Computer Aided Engineering ao grading yes 6	No.	Course	Course type	Hours	Credit type*	credit obligatory for semester	ECTS points
2. Social Communication lecture 15 grading no 1 3. Information Technology lecture 15 grading no 2 4. Information Technology laboratory 15 grading no 2 B. Basic courses 5. Physics lecture 15 grading no 3 6. Physics class 15 grading no 3 7. Microeconomics, macroeconomics class 15 grading sexamination grading no 3 8. Microeconomics, class 15 grading sexamination grading no 3 C. Major courses 9. Management lecture 30 grading no 3 10. Materials science lecture 30 grading no 3 11. Engineering Design lecture 30 grading no 3 12. Engineering Graphics, Informatics and Computer Aided Engineering Graphics, Informatic	A. Ge	eneral education courses					
3. Information Technology lecture 15 grading no 2 4. Information Technology laboratory 15 grading no 2 B. Basic courses 5. Physics lecture 15 grading no 3 6. Physics class 15 grading no 3 7. Microeconomics, lecture 30 examination yes 5 8. Microeconomics class 15 grading no 3 C. Major courses 9. Management lecture 30 examination yes 4 10. Materials science lecture 30 grading no 3 11. Engineering Design lecture 30 grading no 3 12. Engineering Graphics, Informatics and Computer Aided Engineering Engineering Graphics, Informatics and Computer Aided Engineering Graphics, Informatics Aide	1.	Etiquette in Public Life	lecture	15	grading	no	1
4. Information Technology laboratory 15 grading B. Basic courses 5. Physics lecture 15 grading 6. Physics class 15 grading 7. Microeconomics, macroeconomics 8. Microeconomics 9. Management lecture 30 examination 10. Materials science lecture 30 grading no 3 11. Engineering Design lecture 30 grading 12. Engineering Graphics, lass 15 grading Engineering Graphics, lass 25 grading Engineering Graphics, l	2.	Social Communication	lecture	15	grading	no	1
4. Information Technology laboratory 15 grading B. Basic courses 5. Physics lecture 15 grading 6. Physics class 15 grading 7. Microeconomics, macroeconomics, macroeconomics lecture 30 examination 8. Microeconomics, macroeconomics class 15 grading C. Major courses 9. Management lecture 30 examination yes 4 10. Materials science lecture 30 grading no 3 11. Engineering Design lecture 30 grading no 5 12. Engineering Design class 15 grading no 5 Engineering Graphics, Informatics and Computer Aided Engineering lecture 30 grading yes 6 Engineering Graphics, Informatics and Computer Aided Engineering project 30 grading yes 6	3.	Information Technology	lecture	15	grading	***	2
5. Physics lecture 15 grading no 3 6. Physics class 15 grading no 3 7. Microeconomics, macroeconomics lecture 30 examination yes 5 8. Microeconomics, macroeconomics class 15 grading yes 5 C. Major courses 9. Management lecture 30 examination yes 4 10. Materials science lecture 30 grading no 3 11. Engineering Design lecture 30 grading no 5 12. Engineering Graphics, Informatics and Computer Aided Engineering lecture 30 grading yes 6 13. Informatics and Computer Aided Engineering Graphics, Informatics and Computer Aided Engineering project 30 grading yes 6 14. Informatics and Computer Aided Engineering project 30 grading yes 6	4.	Information Technology	laboratory	15	grading	по	2
6. Physics class 15 grading 7. Microeconomics, macroeconomics 8. Microeconomics macroeconomics C. Major courses 9. Management lecture 30 examination yes 4 10. Materials science lecture 30 grading no 3 11. Engineering Design lecture 30 grading no 5 Engineering Graphics, 13. Informatics and Computer Aided Engineering Enginee	B. Ba	sic courses					
6. Physics class 15 grading 7. Microeconomics, macroeconomics 8. Microeconomics macroeconomics class 15 grading 7. Microeconomics macroeconomics class 15 grading 9. Management lecture 30 examination yes 4 10. Materials science lecture 30 grading no 3 11. Engineering Design lecture 30 grading no 5 12. Engineering Graphics, land lecture 30 grading no 5 Engineering Graphics, land lecture 30 grading no 5 Engineering Graphics, land lecture 30 grading no 6 Engineering Graphics, land lecture 30 grading grading grading grading grading lecture 30 grading grading grading grading lecture 30 grading grading grading lecture 30 grading grading grading lecture 30 grading grading grading lecture 30 grading grading grading grading lecture 30 grading grading grading grading grading lecture 30 grading gradi	5.	Physics	lecture	15	grading		2
Microeconomics Secture	6.	Physics	class	15	grading	по	3
8. Microeconomics, macroeconomics C. Major courses 9. Management lecture 30 examination yes 4 10. Materials science lecture 30 grading no 3 11. Engineering Design lecture 30 grading no 5 12. Engineering Graphics, linformatics and Computer Aided Engineering Engineering Graphics, linformatics and Computer Aided En	7.	,	lecture	30	examination	VAS	5
9. Management lecture 30 examination yes 4 10. Materials science lecture 30 grading no 3 11. Engineering Design lecture 30 grading no 5 12. Engineering Graphics, Informatics and Computer Aided Engineering Graphics, Informatics Engineering Graphics, Info	8.	, and the second	class	15	grading	yes)
10. Materials science lecture 30 grading no 3 11. Engineering Design lecture 30 grading no 5 12. Engineering Graphics, Informatics and Computer Aided Engineering Graphics, Informatics and Computer Aided Engineering Graphics, 14. Informatics and Computer Aided Engineering Graphics and Computer Aided Engineering Graphics, 15 grading yes 6	C. Ma	ajor courses					
11. Engineering Design lecture 30 grading 12. Engineering Graphics, 13. Informatics and Computer Aided Engineering Graphics, 14. Informatics and Computer Aided Engineering En	9.	Management	lecture	30	examination	yes	4
12. Engineering Design class 15 grading Engineering Graphics, Informatics and Computer Aided lecture 30 grading Engineering Graphics, Informatics and Computer Aided project 30 grading Engineering Graphics, Informatics and Computer Aided project 30 grading	10.	Materials science	lecture	30	grading	no	3
12. Engineering Design class 15 grading Engineering Graphics, Informatics and Computer Aided lecture 30 grading Engineering Engineering Graphics, Informatics and Computer Aided project 30 grading Engineering Engineering	11.	Engineering Design	lecture	30	grading	40.0	_
13. Informatics and Computer Aided lecture 30 grading Engineering Engineering Graphics, 14. Informatics and Computer Aided project 30 grading Engineering	12.	Engineering Design	class	15	grading	по	3
Engineering Graphics, 14. Informatics and Computer Aided project 30 grading Engineering	13.	Informatics and Computer Aided Engineering	lecture	30	grading	VAS	6
Total: 300 Total: 30	14.	Informatics and Computer Aided	project	30	grading	, yes	U
]			Total:	300		Total:	30

^{*} all forms of credit are with a grade

Year I, Semester 2 (summer)

	r 1, Semester 2 (summer)				~	 1	
No.	Course	Course type	Hours	Credit*	Course credit obligatory for semester completion	ECTS points	
A. G	eneral education courses						
1.	Elective course (Business Ethic, Foundations of Sociology)	lecture	30	grading	no	2	
B. Ba	asic courses						
2.	Mathematics, Statistics, Operational Research	lecture	15	examination	no	4	
3.	Mathematics, Statistics, Operational Research	class	30	grading	no	4	
4.	Physics	lecture	15	grading			
5.	Physics	class	15	grading	no	4	
6.	Physics	laboratory	15	grading			
7.	Microeconomics, macroeconomics	lecture	15	examination	yes	4	
8.	Microeconomics, macroeconomics	class	15	grading		+	
9.	Business Law	lecture	30	examination	no	3	
C. M	C. Major courses						
10.	Production and service management	lecture	30	grading	VIO.	3	
11.	Production and service management	laboratory	15	grading	yes	3	
12.	Materials science	lecture	30	grading	***	3	
13.	Materials science	laboratory	15	grading	no	3	
14.	Engineering Design	lecture	15	grading	200	4	
15.	Engineering Design	project	30	grading	no	4	
16.	Engineering Graphics, Informatics and Computer Aided Engineering	lecture	15	grading	no	3	
17.	Engineering Graphics, Informatics and Computer Aided Engineering	laboratory	30	grading	110	3	
		Total:	330		Total	30	

^{*} all forms of credit are with a grade

Year II, Semester 3 (winter)

No.	Course	Course type	Hours	Credit*	Course credit obligatory for semester completion	ECTS points
A. Ge	eneral education courses					
1.	Foreign language	laboratory	30	grading	no	1
2.	Fundamentals of Intellectual and Industrial Property Rights	lecture	15	grading	no	1
B. Ba	asic courses					
3.	Mathematics, Statistics, Operational Research	lecture	15	examination	no	4
4.	Mathematics, Statistics, Operational Research	class	15	grading	110	
5.	Marketing	lecture	30	grading	yes	3
6.	Marketing	seminar	15	grading	yes	3
C. M	ajor courses					
7.	Raw Materials and Industrial Technology	lecture	15	grading	no	2
8.	Raw Materials and Industrial Technology	laboratory	30	grading	110	2
9.	Enterprise Logistics	lecture	30	examination	no	4
10.	Enterprise Logistics	project	15	grading	no	4
11.	Engineering Design	lecture	30	examination	****	5
12.	Engineering Design	project	30	grading	yes	3
13.	Production Processes	lecture	15	grading		2
14.	Production Processes	laboratory	15	grading	yes	3
15.	Metrology I	lecture	15	grading		2
16.	Metrology I	laboratory	15	grading	no	3
17.	Engineering Graphics, Informatics and Computer Aided Engineering	lecture	15	grading	no	4
18.	Engineering Graphics, Informatics and Computer Aided Engineering	laboratory	30	grading	по	
		Total:	330		Total:	30

^{*} all forms of credit are with a grade

Year II, Semester 4 (summer)

	r 11, Semester 4 (summer)				Course	
No.	Course	Course type	Hours	Credit*	credit obligatory for semester completion	ECTS points
A. Ge	eneral education courses					
1.	Foreign language	laboratory	30	grading	no	1
2.	Physical Education	class	30	grading	no	1
3.	Principles of business	lecture	30	grading	no	2
B. Ba	asic courses					
4.	Mathematics, Statistics, Operational Research	lecture	15	grading	no	5
5.	Mathematics, Statistics, Operational Research	laboratory	30	grading	по	3
6.	Ecology and Environmental Management	lecture	15	grading	no	2
C. Ma	ajor courses					
7.	Cost Account for Engineers, Finance and Accountancy	lecture	30	examination	no	5
8.	Cost Account for Engineers, Finance and Accountancy	class	30	grading	no	
9.	Production Processes	lecture	30	examination	VAC	4
10.	Production Processes	laboratory	15	grading	yes	
11.	Metrology II	lecture	15	grading	no	4
12.	Metrology II	laboratory	15	grading	ПО	4
13.	Engineering Graphics, Informatics and Computer Aided Engineering	lecture	15	examination	VOS.	4
14.	Engineering Graphics, Informatics and Computer Aided Engineering	laboratory	30	grading	yes	4
15.	Raw Materials and Industrial Technology	lecture	15	grading	no	2
16.	Raw Materials and Industrial Technology	seminar	15	grading	110	۷
		Total:	300		Total:	30

^{*} all forms of credit are with a grade

Year III, Semester 5 (winter)

1 Cu	r III, Semester 5 (winter)			1	~	
No.	Course	Course type	Hours	Credit*	Course credit obligatory for semester completion	ECTS points
A. G	eneral education courses					
1.	Foreign language	laboratory	30	grading	no	1
2.	Physical Education	class	30	grading	no	1
B. Ba	asic courses					
3.	Mathematics, Statistics, Operational Research	lecture	30	grading	no	4
4.	Mathematics, Statistics, Operational Research	class	15	grading	110	7
5.	Ecology and Environmental Management	lecture	15	grading	no	2
6.	Ecology and Environmental Management	seminar	15	grading		۷
C. M	ajor courses					
7.	Cost Account for Engineers, Finance and Accountancy	lecture	30	grading	200	4
8.	Cost Account for Engineers, Finance and Accountancy	class	15	grading	no	4
9.	Quality and Safety Management	lecture	30	examination	VAC	5
10.	Quality and Safety Management	class	30	grading	yes	J
11.	Production Processes Automation and Robotics	lecture	30	grading		
12.	Production Processes Automation and Robotics	laboratory	15	grading	no	5
13.	Production Processes Automation and Robotics	project	15	grading		
D. Sp	pecialization courses					
14.	Project Management	lecture	30	examination	Vec	4
15.	Project Management	laboratory	30	grading	yes	4
16.	Technological Processes Design	lecture	15	grading	no	1
17.	Technological Processes Design	project	30	grading	no	4
		405		Total:	30	

^{*} all forms of credit are with a grade

Year III, Semester 6 (summer)

No.	Course eneral education courses	Course type	Hours	Credit*	Course credit obligatory for semester completion	ECTS points
1.	Foreign language	laboratory	30	examination	yes	2
D. Sp	ecialization courses					
1.	Application of Informatics in Organisations	lecture	15	grading	no	2
2.	Application of Informatics in Organisations	laboratory	15	grading	no	2
3.	Computer Aided Management	lecture	15	grading	Noc	2
4.	Computer Aided Management	laboratory	15	grading	yes	2
5.	Production and Services Organisation	lecture	30	examination		
6.	Production and Services Organisation	project	15	grading	yes	5
7.	Production and Services Organisation	seminar	15	grading		
8.	Computer Aided in the Technological Preparation of Production	lecture	30	grading	VAC	3
9.	Computer Aided in the Technological Preparation of Production	laboratory	15	grading	yes	3
10.	CAP/CAM and NC Systems	lecture	30	grading	Y Y O O	4
11.	CAP/CAM and NC Systems	laboratory	30	grading	yes	4
12.	Integrated Management Systems	lecture	30	examination	***	4
13.	Integrated Management Systems	laboratory	30	grading	yes	4
14.	Thesis	project	45	grading	yes	4
15.	Diploma Seminar	seminar	30	grading	yes	4
		Total:	390		Total:	30

^{*} all forms of credit are with a grade

Year IV, Semester 7 (winter)

No.	Course	Course type	Hours	Credit*	Course credit obligatory for semester completion	ECTS points
D. Sp	pecialization courses					
1.	Human Resource Management	lecture	15	grading	Noc	2
2.	Human Resource Management	seminar	15	grading	yes	2
3.	Mechatronic Systems and Equipment in Production Engineering	lecture	15	grading	yes	2
4.	Mechatronic Systems and Equipment in Production Engineering	laboratory	15	grading		
5.	Operational Production Control	lecture	30	examination	Noc	3
6.	Operational Production Control	laboratory	30	grading	yes	3
7.	Integrated Management Systems	lecture	30	examination	****	3
8.	Integrated Management Systems	laboratory	30	grading	yes	3
9.	Diploma Seminar	seminar	30	grading	yes	4
10.	Diploma Thesis	project	300	grading	yes	10
11.	Professional Practice		6 weeks	grading	yes	6
		Total:	510		Total:	30

^{*} all forms of credit are with a grade