



CURRICULUM

Professional orientation: **General Engineering**

Program: **Industrial Management**

Professional qualification: **Engineer Manager**

Educational and qualificational degree: **Bachelor**

Form of study: **Full - Time**

Term of study: **4 years / 8 semesters**

No	Subject Name	Types of term control				Semester auditorium load					Unsupervised load	Total work hours	ECTS credits
		E	PA	CP	A	L	S	L	CP CPR	Total			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Micro and Macroeconomics	1				30	30			175	115	290	7
2	Business Communications and Public Relations		1			30		15	15	160	115	275	7
3	Mathematics	1				30	30			175	115	290	7
4	Applied Mechanics		1			30	15			150	105	255	6
5	English, part 1				1		30			60	30	90	2
6	Optional Subject				1					30	30	60	1
6a	Specialized Sport Activities, part 1				1						30	30	1
66	Sport and Social Adaptation, part 1				1						30	30	1
Total for the 1 semestar:		2	2		2	120	105	15	15	750	510	1260	30
7	Economics of the Enterprise	2				30	30			135	75	210	5
8	Commercial Law		2			30	15			90	45	135	3
9	Management	2				30	30			135	75	210	5
10	Engineering Graphics		2			30		30		135	75	210	5
11	Material Science	2				30		30		135	75	210	5
12	Machine Science		2			30		30		135	75	210	5
13	English, part 2				2		30			60	30	90	2
14	Optional Subject				2					30	30	60	1
14a	Specialized Sport Activities, part 2				2						30	30	1
146	Sport and Social Adaptation, part 2				2						30	30	1
Total for the 2 semestar:		3	3		2	180	105	90		855	480	1335	31
15	Measuring Systems in Electrical Engineering	3				30		15		135	90	225	5
16	Information Systems and Technologies		3			30		15	15	120	75	195	5
17	Marketing	3				30		15	15	120	75	195	5
18	Accounting of the Enterprise	3				30		30		135	75	210	5
19	Fundamentals of Entrepreneurship		3			30		30		135	75	210	5
20	Manufacturing Technology for Workpieces	3				30		30		135	75	210	5
21	Optional Subject				3					30	30	60	1
21a	Specialized Sport Activities, part 3				3						30	30	1
216	Sports Management, part 1				3						30	30	1

No	Subject Name	Types of term control				Semester auditorium load					Unsupervised load	Total work hours	ECTS credits
		E	PA	CP	A	L	S	L	CP CPR	Total			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Total for the 3 semestar:		4	2		1	180		135	30	810	495	1305	31
22	Finance	4				30		30		150	90	240	6
23	Management of Working Conditions and Production Risk		4			15		15		75	45	120	3
24	Strategic Management	4				30		15	15	135	90	225	6
25	Production Technologies	4				30		15	15	120	75	195	5
26	Human Resources Management	4				30		15		105	60	165	4
27	Managerial Decision-making		4			30	30			135	75	210	5
28	Optional Subject				4					30	30	60	1
28a	Specialized Sport Activities, part 4				4						30	30	1
28b	Sports Management, part 2				4						30	30	1
Total for the 4 semestar:		4	2		1	165	30	90	30	750	465	1215	30
29	Industrial Engineering	5				30		30		150	90	240	6
30	Organizational Behavior	5				30	15		15	160	115	275	7
31	Intellectual Property Rights		5			30		15		135	90	225	5
32	Quality Management		5			30		15	15	135	90	225	6
33	Management of Corporate Finance	5				30		30		150	90	240	6
Total for the 5 semestar:		3	2			150	15	90	30	730	475	1205	30
34	Production Management	6				30		15	15	160	115	275	7
35	Analysis and Diagnostics of Business Activity	6				30		30		175	115	290	7
36	Modeling and Optimization of Production Processes		6			30		15	15	135	90	225	6
37	Project in Industrial Engineering			6					30	75	75	150	4
38	Optional Subject		6			30	15			150	105	255	6
38a	Creativity and Methods for Generating New Ideas		6			30	15			45	105	150	6
38b	International Business		6			30	15			45	105	150	6
38B	Regional Development		6			30	15			45	105	150	6
38r	Environmental Management		6			30	15			45	105	150	6
Total for the 6 semestar:		2	2	1		120	15	60	60	695	500	1195	30
39	Business Planning and Control	7				30		15	15	160	115	275	7
40	Innovations Management		7			30		15	15	160	115	275	7
41	Logistics	7				30		30		175	115	290	7
42	Optional Subject		7			30		15		150	105	255	6
42a	Special Methods and Processes in Material Processing		7			30		15		45	105	150	6
42b	Managerial Information Systems		7			30		15		45	105	150	6
42B	Sea Transport Technology and Organization		7			30		15		45	105	150	6
42r	Technology and Organization of Road Transport		7			30		15		45	105	150	6
43	Special Practice				7					75	75	150	3
Total for the 7 semestar:		2	2		1	120		75	30	720	525	1245	30
44	Competitiveness of the Industrial Enterprise	8				30		15	15	135	90	225	6
45	Business Valuation	8				30		15	15	135	90	225	6
46	Optional Subject		8			30		15		150	105	255	6
46a	Methods and Means for Non-destructive Testing		8			30		15		45	105	150	6
46b	Business Systems for Analysis of Economic Information		8			30		15		45	105	150	6
46B	Ports and Port Operations		8			30		15		45	105	150	6
46r	Automotive Engineering		8			30		15		45	105	150	6
47	Project in Management			8					30	30	30	60	2
48	Pre-diploma Practice				8					60	60	120	2

No	Subject Name	Types of term control				Semester auditorium load					Unsuper vised load	Total work hours	ECTS credits
		E	PA	CP	A	L	S	L	CP CPR	Total			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Total for the 8 semestar:		2	1	1	1	90		45	60	510	375	885	22
Total for all corses of education:		22	16	2	8	1125	270	600	255	5820	3825	9645	234

Facultative subjects

No	Subject Name	Types of term control				Semester auditorium load incl:					Unsuper-vised load	Total work hours	ECTS credits
		E	PA	CP	A	L	S	L	CP CPR	Total			
1	2	3	4	5	6	7	8	9	10	11	12	13	14

Types of graduation	Semester	Unsupervised load	ECTS credits
Preparation of Diploma Thesis / Preparation for State Examination	8	300	10
Defence of Diploma Thesis / State Examination	8		

Note:

The curriculum is valid for teaching in Bulgarian and English language.

Accepted from AU with

Protokol No 10 / 25.04.2016

Changed with Protokol No 11 / 06.06.2016 г.

Valid for 2016 / 2017 г. academic year.

Head of Department IM:

/ Assoc. Prof. PhD Panayotova T. /

Dean of Faculty FMET:

/ Assoc. Prof. PhD Antonov G. /