



## CURRICULUM

Professional orientation: **General Engineering**

Program: **Industrial Design**

Professional qualification: **Engineer Designer**

Educational and qualifical 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	Drawing, part 1		1			30		30		60	115	175	7
2	Projection Methods		1			30		30		60	90	150	6
3	Mathematics	1				30	30			60	115	175	7
4	Applied Mechanics	1				30	15			45	105	150	6
5	English, part 1				1		30			30	30	60	2
6	Elective Subject				1						30	30	1
6a	Specialized Sport Activities, part 1				1						30	30	1
6b	Sport and Social Adaptation, part 1				1						30	30	1
7	Practical Training, part 1				1						30	30	1
<b>Total for the 1 semester:</b>		<b>2</b>	<b>2</b>		<b>3</b>	<b>120</b>	<b>75</b>	<b>60</b>		<b>255</b>	<b>515</b>	<b>770</b>	<b>30</b>
8	Drawing, part 2		2			30		30		60	90	150	6
9	Modelling	2				30		30		60	90	150	6
10	Engineering Graphics		2			30		30		60	75	135	5
11	Material Science	2				30		30		60	75	135	5
12	Machine Science		2			30		30		60	75	135	5
13	English, part 2				2		30			30	30	60	2
14	Elective Subject				2						30	30	1
14a	Specialized Sport Activities, part 2				2						30	30	1
14b	Sport and Social Adaptation, part 2				2						30	30	1
15	Practical Training, part 2				2						30	30	1
<b>Total for the 2 semester:</b>		<b>2</b>	<b>3</b>		<b>3</b>	<b>150</b>	<b>30</b>	<b>150</b>		<b>330</b>	<b>495</b>	<b>825</b>	<b>31</b>
16	Drawing, part 3		3			30		30		60	90	150	6
17	Colour Knowledge		3			30		30		60	90	150	6
18	Ergonomic Design	3				30		30		60	90	150	6
19	Computer Design Basic		3			15		30	15	60	75	135	5
20	Manufacturing Technology for Workpieces	3				30		30		60	75	135	5
21	Elective Subject				3						30	30	1
21a	Specialized Sport Activities, part 3				3						30	30	1
21b	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
22	Practical Training, part 3				3						30	30	1
<b>Total for the 3 semester:</b>		<b>2</b>	<b>3</b>		<b>2</b>	<b>135</b>		<b>150</b>	<b>15</b>	<b>300</b>	<b>480</b>	<b>780</b>	<b>30</b>
23	Computer 3D Design		4			30		30		60	75	135	5
24	Type Typography		4			30		30		60	75	135	5
25	Visual Theory	4				30		30		60	90	150	6
26	Formshaping	4				30		30		60	90	150	6
27	History of Art and Design	4				30		30		60	90	150	6
28	Elective Subject				4						30	30	1
28a	Specialized Sport Activities, part 4				4						30	30	1
28b	Sports Management, part 2				4						30	30	1
29	Practical Training, part 4				4						30	30	1
<b>Total for the 4 semester:</b>		<b>3</b>	<b>2</b>		<b>2</b>	<b>150</b>		<b>150</b>		<b>300</b>	<b>480</b>	<b>780</b>	<b>30</b>
30	Advanced Technologies in Design	5				30		30		60	75	135	5
31	Industrial Design, part 1	5				30		30		60	90	150	6
32	Industrial Design, project			5					30	30	30	60	2
33	Computer Animation	5				30		30		60	90	150	6
34	Graphic Design		5			30		30		60	90	150	6
35	Design of Silicate Forms		5			30		30		60	75	135	5
<b>Total for the 5 semester:</b>		<b>3</b>	<b>2</b>	<b>1</b>		<b>150</b>		<b>150</b>	<b>30</b>	<b>330</b>	<b>450</b>	<b>780</b>	<b>30</b>
36	Industrial Design, part 2	6				30		30		60	115	175	7
37	Art Design	6				30		30		60	90	150	6
38	Art Design, project			6					30	30	30	60	2
39	Elective Subject		6			30		30		60	90	150	6
39a	Design of Household Appliances		6			30		30		60	90	150	6
39b	Transport Ergonomic		6			30		30		60	90	150	6
39c	Audiovisual Techniques and Technologies		6			30		30		60	90	150	6
39d	Jewelry Design		6			30		30		60	90	150	6
40	Artistic Metal Design	6				30		30		60	90	150	6
41	Specialized Practice				6						90	90	3
<b>Total for the 6 semester:</b>		<b>3</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>120</b>		<b>120</b>	<b>30</b>	<b>270</b>	<b>505</b>	<b>775</b>	<b>30</b>
42	Interior Design		7			30		30		60	115	175	7
43	Interior Design, project			7					30	30	30	60	2
44	Elective Subject		7			30		30		60	115	175	7
44a	Industrial Graphics		7			30		30		60	115	175	7
44b	Multimedia Projection		7			30		30		60	115	175	7
44c	Digital Graphic		7			30		30		60	115	175	7
45	Print Technic	7				15		30		45	130	175	7
46	Design of Urban Environment	7				30		30		60	115	175	7
<b>Total for the 7 semester:</b>		<b>2</b>	<b>2</b>	<b>1</b>		<b>105</b>		<b>120</b>	<b>30</b>	<b>255</b>	<b>505</b>	<b>760</b>	<b>30</b>
47	Alternative Visual Techniques		8			30		30		60	90	150	6
48	Alternative Visual Techniques project			8					30	30	30	60	2
49	Management and Marketing	8				30		30		60	90	150	6
50	Elective Subject		8			30		30		60	90	150	6
50a	Design of Childrens Environment		8			30		30		60	90	150	6
50b	Interactive Design		8			30		30		60	90	150	6
<b>Total for the 8 semester:</b>		<b>1</b>	<b>2</b>	<b>1</b>		<b>90</b>		<b>90</b>	<b>30</b>	<b>210</b>	<b>300</b>	<b>510</b>	<b>20</b>

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
<b>Total for all courses of education:</b>		<b>18</b>	<b>17</b>	<b>4</b>	<b>11</b>	<b>1020</b>	<b>105</b>	<b>990</b>	<b>135</b>	<b>2250</b>	<b>3730</b>	<b>5980</b>	<b>231</b>

### 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	8	300	10
Defence of Diploma Thesis	8		

**Accepted from AU with**

Protocol No 10 / 25.04.2016

Modified with Protocols No 11 / 06.06.2016

**Valid from the 2016 / 2017 academic year.**

**The weekly allocation of the classes is fixed according to the "Structure of the Learning Process" Academic Board adopted for the current academic year.**

Head of Department ID:

/ Prof. PhD Bratanov Pl. /

Dean of Faculty FMET:

/ Assoc. Prof. PhD Antonov G. /