

## Safety at Work and Fire Protection Study,

Study direction: Safety at Work, four year study, 240 ECTS

### 1. year – I. semester

No.	Courses	Hours per week			ECTS Credits
		P	S	V	
1	Mathematics I	4	-	3	7
2	Technical Mechanic	2	-	3	5
3	Graphic Communications	2	-	2	5
4	Basic Informatics	2	-	3	5
5	Materials	2	-	2	5
6	Foreign Language I	2	-	1	3
	<b>Total in semester</b>	<b>14</b>	<b>-</b>	<b>14</b>	<b>30</b>

### 1. year – II. semester

No.	Courses	Hours per week			ECTS Credits
		P	S	V	
1	Environmental Protection (Health Protection)	4	-	3	8
2	Labor Law	2	-	1	4
3	Programming	2	-	3	5
4	Basic Electrotehnic I	2	-	2	5
5	Mechanical Engineering	2	-	2	5
6	Foreign Language II	2	-	1	3
	<b>Total in semester</b>	<b>14</b>	<b>-</b>	<b>12</b>	<b>30</b>

### 2. year – III. semester

No.	Courses	Hours per week			ECTS Credits
		P	S	V	
1	Fire and Explosion Hazards	2	-	2	7
2	Hazards in Electricity Use	2	-	2	4
3	Statistic	2	-	3	5
4	Risk from Hazardous Substances	2	-	2	4
5	The Danger in Use of Machinery	2	-	2	4
6	Physics	2		2	3
7	Chemistry	2		2	3
	<b>Total in semester</b>	<b>14</b>		<b>15</b>	<b>30</b>

### 2. year – IV. semester

No.	Courses	Hours per week			ECTS Credits
		P	S	V	
1	Psychophysiology of Work	2	-	2	7
2	Transport Protection	2	-	2	4
3	Thermodynamics	2	-	3	5
4	The Theory of Organizing Training for Protection	2	-	2	5
5	Protection and Security	2	-	2	5

6	Toxicology	2		2	4
	<b>Total in semester</b>	<b>12</b>		<b>13</b>	<b>30</b>

3. year – V. semester

No.	Courses	Hours per week			ECTS Credits
		P	S	V	
1	Engineering Measurement	2	-	3	8
2	Engineer Projecting	2	-	3	5
3	Electromagnetic Radiation Protection	2	-	2	4
4	Ecology	2	-	2	5
5	Merchandising	2	-	2	5
6	Engineer Economy	2	-	1	3
	<b>Total in semester</b>	<b>12</b>		<b>13</b>	<b>30</b>

3. year – VI. semester

No.	Courses	Hours per week			ECTS Credits
		P	S	V	
1	Safety in Technological Projects	4	-	3	8
2	Noise and Vibrations	2	-	1	4
3	Electrical Installations and Safety Precautions	2	-	2	5
4	Industrial Waste Management	2	-	3	5
5	Special Electrical Installations	2	-	2	5
6	Reliability and Safety	2	-	1	3
	<b>Total in semester</b>	<b>14</b>	<b>-</b>	<b>12</b>	<b>30</b>

4. year – VII. semester

No.	Courses	Hours per week			ECTS Credits
		P	S	V	
1	Fire Protection Due to Static Electricity and Lightning Discharges	4	-	3	8
2	Edit and Control of Fire Protection	2	-	2	4
3	Working Environment Comfort	2	-	2	5
4	The Risk of Mechanical Action	2	-	2	5
5	Biomechanic	2	-	2	5
6	Project	-	-	-	3
	<b>Ukupno u semestru</b>	<b>12</b>	<b>-</b>	<b>11</b>	<b>30</b>

4. year – VIII. semester

No.	Courses	Hours per week			ECTS Credits
		P	S	V	
1	Fire Protection in the Electric Power Business	2	-	3	8
2	Maintenance	2	-	2	4
3	Pressure Vessels and Piping	2	-	2	4
4	Ergonomic Design	2	-	2	5
5	Practice	-	-	-	5
6	Finel thesis	-	-	-	4
	<b>Total in semester</b>	<b>8</b>		<b>9</b>	<b>30</b>

