

Safety at Work and Fire Protection Study

Study direction: Safety at Work, three year study, 180 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
	Total in semester	14	-	14	30

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
	Total in semester	14	-	12	30

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
	Total in semester	14		15	30

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
	Total in semester	12		13	30

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
	Total in semester	12		13	30

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	Reliability and Safety	2	-	1	3
5	Elective course:	2	-	3	5
	Industrial Waste Management				
	Special Electrical Installations				
6	Final thesis				5
	Total in semester	14	-	12	30