

CURRICULUM

EDUCATIONAL AND QUALIFICATION DEGREE: MASTER

COURSE OF STUDY: GAS SUPPLY

VOCATIONAL FIELD: 5.8. EXPLORATION, MINING, AND PROCESSING OF MINERALS

FORM OF STUDY: FULL-TIME

DURATION OF STUDY: 1.5 year

Duration of the semester: 15 weeks

Year	Semester	Nr.	Course unit code	Full name of the course unit (course projects, practical trainings)	Form of control	Teaching hours (weekly)		Teaching hours per type of seminars			Total	Credits	
Year	Semester	N.	Course unit code	Full name of the course unit (course projects, practical trainings)	Form of control	Teaching hours (weekly)		Teaching hours per type of seminars			Total	Credits	
						L	S	S	Lab	P			
First	First	1	112156	Properties of natural gases and gaseous fuels	E	2	2	2	-	-	60	5	
		2	162136	Engineering of gas production	E	2	3	3	-	-	75	6	
		3	162137	Ground and underground gas storage	E	2	3	3	-	-	75	6	
		4	162138	Design and construction of gas supply systems	E	3	3	3	-	-	90	8	
		5	162151	Project management in gas supply	E	2	3	3	-	-	75	5	
	Overall for the 1st semester :					5	11	14	14	-	-	375	30
	Second	Second	6A	352231	Diagnostics and non-destructive control of gas pipeline systems and installations	CA	2	1	1	-	-	45	4
			6B	162247	Engineering geology in the construction of pipeline systems	CA	2	1	1	-	-	45	4
			7	162148	Information-control systems in gas supply	E	2	3	3	-	-	75	8
			8	162149	Heating, ventilation and air conditioning	E	3	2		2	-	75	6
9			162139	Economics and management of a gas company	TO	2	2	2	-	-	60	4	
10			162129	Industrial and household gas supply	E	2	4	4	-	-	90	8	
Overall for the 2nd semester:					3+2	11	12	10	2	-	345	30	
Overall for the first year:					8+2	22	26	24	2	-	720	60	
Second	Third	11	162140	Operation and repair of gas supply systems	E	2	3	3	-	-	75	6	
		12	352134	Gas measuring and regulating equipment	E	2	3		3	-	75	5	
		13	162142	Safety, construction and technical supervision	CA	2	1	1	-	-	45	4	
		14	172174	Environmental and earth protection	CA	2	1	1	-	-	45	3,5	
		15A	272144	Concession, lizence and patent legislation	CA	2	1	1	-	-	45	3,5	
		15B	162243	Gas supply legislation	CA	2	1	1	-	-	45	3,5	
		16	162146	Diploma thesis filed practice - 30 days	-	-	-	-	-	180*	180*	-	-
	Overall for the 3rd semester:					2+3	10	9	6	3	180*	465	22
Diploma thesis preparation and defense:					-	-	-	-	-	-	-	15	
Overall for the second year:					2+3	10	9	6	3	180*	465	37	
OVERALL FOR THE FULL COURSE OF STUDY:					10+5	32	35	30	5	180*	1185	97	
						480	705/525+180*			/1005+180*			

PARAMETERS OF THE CURRICULUM

Overall teaching hours: 1185/1005+180*, as follows:

Lectures - 480 h.

Seminars - 525 h.

- Seminars - 450 h.

- Lab practice - 75 h.

Assessment - 180* h.

- Diploma thesis practice - 180* h (30 days x 6 h.)

Abbreviations: E - exam; CA - continuous assessment; L - lectures; S - seminars; Lab - lab practice; S - seminar, CP - course project.