Department of **INFORMATION TECHNOLOGY** offers to acquire 1st level professional higher education study program **„Computer systems and network administration".**

Full-time study period is 2 years (4 semesters).

" Computer systems and network administration "

LR educational classification code **-** 41 481 02

The volume of studies - 120 ECTS

Admission - with general secondary or vocational secondary education

Qualification - computer network administrator (LR Profession catalog, code 2522 01)

Programme summary

Part A - General Courses	30 ECTS
Part B – Profile courses	34.5 ECTS
Part C - Specialization courses	16.5 ECTS
Course work	3 ECTS
Qualification practice	24 ECTS
Qualification work	12 ECTS
	120 ECTS

Counter	Study courses	Study part	The volume of studies			
			ECTS	Lectures		
				Total	Contact hours	Individual work
General courses						
1.	Professional Foreign Language computer science	A	6	160	80	80
2.	Mathematics	A	7.5	200	100	100
3.	Fundamentals of Entrepreneurship	A	4.5	120	60	60
4.	Economic Fundamentals	A	3	80	40	40
5.	Business Communication	A	3	80	40	40
6.	Branches in law and legal standards	A	3	80	40	40
7.	Work Safety and Ergonomics	A	1.5	40	20	20
8.	Civil protection	A	1.5	40	20	20
	Total	**A**	**30**	**800**	**400**	**400**
Profile courses						
1.	Application software	B	4.5	120	60	60
2.	Programming languages	B	3	80	40	40
3.	Operating Systems	B	4.5	120	60	60
4.	Database Technology	B	6	160	80	80
5.	Structure of Computer Systems / Computer Architecture	B	4.5	120	60	60
6.	Computer Networks	B	6	160	80	80
7.	Peripheral equipment	B	3	80	40	40
8.	Special Division of Mathematics	B	3	80	40	40
	Total	**B**	**34.50**	**920**	**460**	**460**

Counter	Study courses	Study part	The volume of studies			
			ECTS	Lectures		
				Total	Contact hours	Individual work
Specialization courses						
1.	Electrical Engineering and Electronics	C	4.5	120	60	60
2.	Local computer networks and administration	C	3	80	40	40
3.	Network operating system	C	6	160	80	80
4.	Web Technologies	C	3	80	40	40
	Total	**C**	**16.5**	**440**	**220**	**220**
	Total A, B, C study part		**81**	**2160**	**1080**	**1080**
Course work						
1.	Database Technology	B	1.5	40		
2.	Computer Networks	B	1.5	40		
	Total		**3**	**80**		
	Qualification work		12	320		
	Qualification practice		24	640		
	TOTAL		**120**	**3200**	**1080**	**1080**