YEOJU TECHNICAL INSTITUTE IN TASHKENT

SCHOOL OF ENGINEERING

LIFT ENGINEERING

Course	Subject	Auditory lessons (hours)	Lab and practice (hours)	Contact hours	ECTS credits
First course	**First semester**				
	COMPUTER SCIENCE 1	15	30	45	5
	ENGINEERING DRAWING 1	45	45	90	9
	MATHEMATICAL ANALYSIS 1	90	0	90	9
	LINEAR ALGEBRA AND GEOMETRY	75	0	75	8
	TECHNICAL ENGLISH	30	0	30	3
	Second semester				
	CHEMISTRY	90	0	90	9
	COMPUTER SCIENCE 2	15	30	45	5
	MATHEMATICAL ANALYSIS 2	90	0	90	9
	PHYSICS 1	75	15	90	9
Second course	**Third semester**				
	INTRODUCTION TO LIFT ENGINEERING	0	30	30	3
	ENGINEERING DRAWING 2	0	90	90	9
	FUNDAMENTALS OF CIRCUIT THEORY	75	15	90	9
	PHYSICS 2	75	15	90	9
	Fourth semester				
	INSTALLATION OF ELEVATORS	0	75	75	8
	APPLIED MECHANICS	60	30	90	9
	BASICS OF MECHATRONICS	0	60	60	6
	Summer internship I				
	INTERNSHIP 1	0	60	60	2
Third course	**Fifth semester**				
	LOGICS AND ALGORITHMS	75	0	75	8
	RATIONAL MECHANICS	90	0	90	9
	ELECTRICAL MACHINES	45	30	75	8
	FUNDAMENTALS OF STRENGTH OF MATERIALS	60	30	90	9
	Sixth semester				
	FUNDAMENTALS OF MACHINE DESIGN	60	30	90	9
	MAINTENANCE AND REPAIR OF ELEVATORS	0	75	75	8
	LIFT CONSTRUCTION	0	90	90	9
	Summer internship II				
	INTERNSHIP 2	0	60	60	2
Fourth course	**Seventh semester**				
	ELEVATOR TROUBLESHOOTING AND SAFETY MANAGEMENT	0	75	75	8
	DESIGN OF MECHATRONIC SYSTEMS	30	90	120	12
	METROLOGY AND STATISTICS	0	45	45	5
	ELEVATOR ASSEMBLY TECHNOLOGY	0	60	60	6
	Eighth semester				
	MANUFACTURING PROCESS	0	90	90	9
	QUALITY CONTROL	0	60	60	6
	UNDERGRADUATE PRACTICE	0	90	90	18
	GRADUATION RESEARCH (PROJECT)	0	30	30	9