

KIMYO INTERNATIONAL UNIVERSITY IN TASHKENT



SCHOOL OF ENGINEERING CURRICULUM: MECHANICAL ENGINEERING

	FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR
1 SEMESTER	<ul style="list-style-type: none">• Computer Science 1• Engineering Drawing 1• Mathematical Analysis 1• Linear Algebra and Geometry• Technical English	<ul style="list-style-type: none">• Introduction to Mechanical Engineering• Engineering Drawing 2• Fundamentals of Circuit Theory• Physics 2	<ul style="list-style-type: none">• Thermodynamics and Heat Transfer• Electrical Machines• Rational Mechanics	<ul style="list-style-type: none">• Quality Control• Metrology and Statistics• Elective module (1 out of 1-2)• Elective module (1 out of 3-4)
2 SEMESTER	<ul style="list-style-type: none">• Chemistry• Computer Science 2• Mathematical Analysis 2• Physics 1	<ul style="list-style-type: none">• Applied Mechanics• Material Science• Fundamentals of Strength of Materials• Academic Internship 1	<ul style="list-style-type: none">• Fundamentals of Thermal and Hydraulic Machines and Fluid Power• Fluid Mechanics• Elective module (1 out of 2)• Internship 2	<ul style="list-style-type: none">• Undergraduate practice• Graduation research (project)

CURRICULUM: MECHANICAL ENGINEERING, ELECTIVES LIST

	FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR
1 SEMESTER				<ul style="list-style-type: none">• Industrial Plants and Project Management• Engineering Economics and Costing• Digital Manufacturing and Design Technologies• Manufacturing Process
2 SEMESTER			<ul style="list-style-type: none">• Fundamentals of Machine Design• Finite Element Method in Mechanical Engineering	