

BACHELOR PROGRAM IN AUTOMOTIVE ENGINEERING TECHNOLOGY

Number of credits required: 130

Semester	Code	Subject	Number of credit
I 21 credits	Core subjects		2
		Fundamental principles of Marxism-Leninism 1	2
		Fundamentals of Legislation	2
		Algebra	3
		Analysis	4
		General Physics	4
		Foreign Language 1	3
		General Informatics	3
		Physical Education 1	2
		Military Education and Training 1	3
		Elective subjects	
II 22 credits	Core subjects		1
		Fundamental principles of Marxism-Leninism 2	3
		General Chemistry	3
		Heating Technology	3
		Foreign Language 2	4
		Theoretical Mechanics	3
		Physical Education 2 (elective)	2
		Physical Education 3 (elective)	2
		Military Education and Training 2	3
	Elective subjects		6
		Probability and Statistics	3
		Computing Methods	3
		Safety Techniques and Environment	3
III 18 credits	Core subjects		1
		Communication skills	2
		Descriptive Geometry and Eng. Drawing	3
		Engineering Materials	3
		Strength of Materials	3
		Fluid Engineering	3
		Electrical Engineering	2
		Elective subjects	
		Introduction on engineering	2

		General Logistics	2
		Writing Scientific Documents in Vietnamese	2
		Fundamentals of Psychology	2
IV 18 credits	Core subjects		1
		Mechanisms and Machine Design	3
		Electronic Engineering	3
		Internal Combustion Engines and Project	5
		Automobile Theory	3
	Elective subjects		4
		Manufacturing Technology	2
		Tolerance and Metrology	2
		Calculation Methods in Mechanics	2
V 14 credits	Core subjects		1
		Ho Chi Minh's Ideology	2
		Automotive Electric - Electronic and Project	5
		Business Management	2
		Mechanical Engineering Practicum (6 weeks)	3
	Elective subjects		2
		Automobile Technical Drawing	2
		Crane - Lift Machinery	2
VI 15 credits	Core subjects		1
		Automobile Composition Calculation and Project	5
		Fundamentals of Using Automobiles	3
		Automobile Assembly Technology	2
		Revolutionary Policies of Vietnamese Communist Party	3
	Elective subjects		2
		Automobile Driving Techniques	2
	Specianized Motor Vehicles	2	
VII 12 credits	Core subjects		1
		Automotive Automation	3
		Automobile Repair Engineering and Project	5
		Atomotive Engineering Technology Practicum (7 weeks)	4
	Elective subjects		0
VIII 10 credits	Core subjects		4
		Research Methodology	2
		Integrated Atomotive Engineering Practicum (5 weeks)	2
	Elective subjects		6
		Fundamentals of Motor Vehicle Testing	2
		Automobile Air - Conditioning	2

		Informatics for Automotive Engineering	2
		Automotive Experimental	2
		Tribology	2
		Automotive Electric and Electronic System	2