

Transport and logistic – 3 semester

Lp.	Subject	Description	Semester	ECTS credits	Number of hours for the form of education						Form of passing	
					Lecture	Exercise	Practical classes	ZK	PS	PZ	Exam	Credit
1.	Threat Identification and Occupational Risk Assessment	Classes aimed at acquiring skills in assessing hazards in the work environment and shaping conditions for safe work performance, as well as characteristics of protective measures that should be used to protect employees from hazards occurring in the work environment.	3	3	15	15	15				-	x
2.	Organization of Workplaces and Work Examination	The aim is to present the scope and importance of planning and organizing work in an enterprise, as well as to discuss methods and tools for planning and organizing work and their practical application.	3	3	15	15	15				-	x
3.	Basics of Machine Construction	Discussion and explanation of basic issues related to the process of identifying variables, objective functions, and constraints for a given problem.	3	4	30	-	30				x	x
4.	CAD Computer Design	Overview of the advanced techniques for modeling machine parts in the Autodesk Inventor environment. Performing basic design calculations using computer-aided engineering programs.	3	2	-	-	30				-	x

5.	Transport Infrastructure	Presentation and analysis of issues related to the importance of transport infrastructure in the context of the proper functioning of the economy, trade, tourism and administration; identifying the basic elements of land, sea and air transport infrastructure; presenting the general principles of designing simple infrastructure elements.	3	4	30	-	30				x	x
6.	Electrical and Electronic Equipment	Discussion and explanation of basic issues related to the principles and rules used in electrical engineering and electronics, as well as theoretical and practical problems related to the functioning and diagnosis of electrical and electronic systems in motor vehicles; acquiring the ability to diagnose faults in electrical circuits and their components found in automotive technology.	3	2	15	-	30				-	x
7.	Drives of Means of Transport	Discussion and explanation of issues related to the theoretical foundations, construction and operation of vehicle drive systems, provision of basic knowledge in the field of planning, construction and disposal of means of transport, explanation of the impact of means of transport on the environment and the effects of this impact.	3	3	15	-	30				-	x
8.	Transport Organization	Discussion and explanation of basic issues related to the organization of transport activities in enterprises at the operational and strategic levels.	3	2	15	-	15				-	x
9.	Marketing Basics	Analysis of key issues related to basics of marketing, tools used in the marketing activities of enterprises, characteristics of the mechanisms of operation of enterprises on the market.	3	3	30	-	15				-	x

10.	Script Programming	Presentation of scripting programming language using Python 3, JavaScript and PHP as examples, basic Python 3 libraries, examples of using the languages discussed in the fields consistent with the chosen field of study.	3	3	15	30	15				-	x
	Total:			29 ECTS								