

## STUDY PROGRAMME DATA

No	Parameters	Data
1.	Name of a study programme	<b>Automobiles Transport Engineering</b>
2.	Qualification to be awarded, code	Professional Bachelor of Engineering Sciences, KVALLAIP00811
3.	Institution that has performed accreditation, accreditation term	Centre for Quality Assessment in Higher Education
4.	Accreditation order, term	2016-03-10, Nr. SV 6-9, 2022-06-30
5.	Place of delivery of a study programme	Klaipeda State University of Applied Science, code 111968056, www.kvk.lt
6.	Summary of Profile of a Study Programme	<p><b>General Description:</b></p> <p><b>Objective(s) of a study programme:</b></p> <p>To train up highly qualified transport engineers to be competent to perform effectively in various enterprises of transport sector, independently manage and implement processes of vehicle technical service, diagnostics and repair, applying innovative technologies and organizational means.</p> <p><b>Learning outcomes:</b></p> <p>The graduate is able to:</p> <ol style="list-style-type: none"> <li>1. Explain vehicle and machine constructions, principles of their operation and exploitation, features of construction and exploitation materials and their applicability in engineering decisions.</li> <li>2. Is able to identify general physical and chemical processes and apply methods of engineering calculations and ways of use and control technical equipment.</li> <li>3. Analyze modern automobile systems and evaluate their exploitation characteristics dependent on traffic, road and weather conditions.</li> <li>4. Apply knowledge and understanding when analyzing engineering tasks and choosing appropriate methods, as well as experimental, laboratory and technological equipment for solving it.</li> <li>5. Design technological processes of automobile technical exploitation while using basic and specialized software and satisfy the quality of performance.</li> <li>6. Solve tasks of automobile diagnostics, technical maintenance, current repair and repair technologies design as well as tasks of exploitation while assessing science and technology innovations.</li> <li>7. Carry out experimental and applied research activities using laboratory, manufacturing and software equipment, to analyze and evaluate experiment and laboratory works results and to give conclusions</li> <li>8. Evaluate business environment and to prepare</li> </ol>

		<p>company's technological project of automobile technical maintenance, to plan and organize company/subdivision activities as well as to analyze its performance results.</p> <p>9. Perform creatively and responsibly in multi-profiled groups while evaluating and solving various tasks of vehicle technical maintenance and repair and other professional activities.</p> <p>10. Learn to analyze independently problems of vehicle technical maintenance and repair developing her/his knowledge in the field of transport engineering.</p> <p><b><i>Activities of teaching and learning:</i></b></p> <p>The study programme is oriented to the development of general and special competences and creativity: lectures, seminars, discussions, individual and group projects, practice, case studies, public presentation and defense of projects, mind-maps, problem - solving reading, writing articles, information search and systematizing, etc.</p> <p><b><i>Methods of student achievement assessment:</i></b></p> <p>The assessment of the learning outcomes of the study programme is carried out during the semester and the examination session applying a cumulative assessment system. During the semester, the learning outcomes are assessed by means of interim assignments: tests, individual and group projects, case studies, information search and systematizing, discussions, essays, independent creative tasks, seminars, term papers, practice reports, examinations, final projects and / or qualifying exams.</p> <p><b><i>Framework:</i></b></p> <p><b><i>Study subjects (modules), practical training:</i></b></p> <p>Study subjects (124 credits): Professional Communication, Professional Foreign Language, Methodology of Applied Researches, Psychology / Philosophy of Engineering / Philosophy, Transport Law, Mathematics, Physics, Engineering Materials, Engineering and Computer Graphics, Road Vehicles, Hydraulic and Pneumatic Systems, Internal Combustion Engines, Engineering Mechanics, Electronics and Electrical Engineering, Consumables Materials and Liquids, Electrical Installations and Management Systems of Automobile, Automobile Diagnostics, Organization of Maintenance and Current Repair of Automobiles, Theory of Automobile, Technological Equipment, Automobile Repair Technologies, Car Service Company Designing, Economy of Transport Companies, Cars Flaw Detection and Technical Expertise, Hybrid Automobiles and Energy Sources</p>
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	<p>of Alternative Power.  Optional subjects (6 credits).  Practices (38 credits): Practice of Automobiles Equipment, Practice of Work Organization at Cars' Service Enterprises, Practice of Commercial Transport Service Technologies, Practice of Automobiles Service Technologies, Final Practice.  Graduation Paper (12 credits).</p>
	<p><b><i>Specializations:</i></b></p>
	<p>-</p>
	<p><b><i>Optional courses:</i></b></p>
	<p>It is possible:  - to select optional subjects;  - to select alternative subjects.</p>
	<p><b><i>Distinctive features of a study programme:</i></b></p>
	<p>Automobiles Transport Engineering study program provides opportunities for students to acquire exceptional practical skills at the Center of Practical Training and Applied Researches in the field of Transport Engineering modeling real automotive service's activities.</p>
	<p><b><i>Access to professional activity or further study:</i></b></p>
	<p><b><i>Access to professional activity:</i></b></p>
	<p>Graduates will be able to work in car maintenance, repair, automotive or spare parts trading, insurance companies, traffic management organizations, technical inspection stations, state road transport inspection, stevedoring companies, transport terminals and other companies involved in transport sector as engineers, technicians or managers, assistants of managers or their deputies, heads of departments or branches in Lithuania or abroad. Some of them having acquired experience will be able to set up their own companies and create workplaces.</p>
	<p><b><i>Access to further study:</i></b></p>
	<p>Access to the second cycle studies upon meeting requirements set by the accepting higher education institution.</p>

Name of institution: Klaipėda State University of Applied Sciences  
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Data updated: 2021-02-15