

Name of educational Institution	Shota Rustaveli State University, address: 6010, Batumi, Ninoshvili Street No.35, Tel/Fax: (+995 222) 7 17 87; e-mail: info@bsu.edu.ge		
Title of Educational Program	Transport		
Qualification conferred	Bachelor of Engineering in Transport		
Goals of the Educational Program	<ul style="list-style-type: none"> - To prepare specialists of Transportation Management and Control who are equipped with the academic and research methodological knowledge, possess practical skills and meet the time requirements and demands; - Thorough study of transportation organization and control that will give graduates good chances to the labor market or the further study at the next level; - To study basics of rolling stock economy, complex processes of loading-unloading, technical solution of passenger, cargo and international transportation, aspects of customs supervision, transportation knots, logistics and theoretical basics of safety 		
Learning Outcomes	Criteria	1. General(Transferable) Competences	2.Subject Specific Competences
	Knowledge and Understanding	1. Has a broad knowledge of the field that comprises critical comprehension of theories and principles; understands complex issues of the field.	1. Knowledge of the basic concepts, theories and principles of the field of Transport; 2. knowledge of relevant mathematical methods in solving engineering-technical problems; 3. basic knowledge of natural sciences (physics, general chemistry) 4. Knowledge and understanding of management and project elements in the field of Transport; understands complex issues of the field, namely 5. Acquires professional and ethic responsibilities of a miner and geo-engineer; 6. Understands interrelations between technical and environmental issues
	Application of knowledge in practice	1. Is able to apply relevant methods as well as some distinguished one in problem solving, accomplish research or practical projects in	1. Is able to apply in practice other compulsory subjects relevant to mechanics, applied mechanics and transport engineering;

		<p>accordance with preliminary instructions.</p>	<p>2. Is able to calculate/construct automobiles (transport machinery) knots, aggregates, mechanisms; determine geometrical parameters of conductivity;</p> <p>3. Is able to apply mechanized systems of loading-unloading operations;</p> <p>4. Organize cargo transportation by automobiles, passenger, sea and railway transport means;</p> <p>5. Machine – human system ergonomic adaptation in cases of applying specific transport means;</p> <p>6. Is able to apply methods, techniques and computer programs necessary for modern engineering/technological practice;</p> <p>7. Is able to plan and conduct experiments, field and laboratory works as well as analyse and interpret the obtained results;</p> <p>8. is able to conduct environmentally safe technological activities</p>
	<p>Skill to make conclusions</p>	<p>Is able to gather and define field-relevant data as well as analyze abstract data and/or situations applying standard and some distinguished methods and formulate argumentative conclusions</p>	<p>1. Is able to obtain relevant information from scientific reference literature and internet, make evaluation and adequate interpretation.</p> <p>2. Analysis of new data applying standard and some distinguished methods and formulate argumentative conclusions, for instance, formation and analysis of technical criteria for the selection of rolling stocks;</p>

			<p>analysis of time for accomplishment of separate transport cycles; to make technical-economic analysis of average speed, exploitation expenses of line movements and make conclusions, the methodology of which comprises problem determination, analysis, risk assessment, assessment of environmental impact, safety.</p>
	<p>Communication skills</p>	<ol style="list-style-type: none"> 1. Is able to prepare detailed written report on ideas, existing problems and the ways of solution; to pass information verbally to specialists and non-specialists in native language; 2. Is able to prepare detailed written report on ideas, existing problems and the ways of solution; to pass information verbally to specialists and non-specialists in a foreign language; 3. Is able to make creative application of modern information and communication technologies 	<ol style="list-style-type: none"> 1. Is able to prepare detailed written report in the form of essays, presentations, reports and bachelor's thesis and to pass information verbally to specialists and non-specialists in native language; 2. Is able to accomplish the activities described in article 1 on at least one more foreign language; 3. Is able to present technical information to an audience by using diagrams, internet and other means of communication; makes creative application of modern information and communication technologies necessary for engineering practice; it comprises the role and application of corresponding information technology, modern methods of analysis and design and application of corresponding codes and standards as the means of

			solving practical problems in addition to fundamental knowledge.
	Learning skills	Is able to make consecutive and diverse evaluation, determine necessities of further learning.	Is able to determine necessities for own learning: <ol style="list-style-type: none"> 1. Lifelong learning that comprises constant education and professional activities; 2. Personal and professional development that means: permanent knowledge assessment and improvement of professional skills, deepening of communication skills and broadening of knowledge in disciplines related to transport. 3. Is able to plan with high degree of independence processes of self-education, study at MA level and active involvement in professional unions.
	Values	Participates in the process of value formations and strives for their implementation.	1. Professional and ethical responsibilities of a transport engineer for the public safety, health and welfare; acts in accordance with the main laws of ethics.
Number of Credits	240 credits Major - 120 credits, Minor - 60 credits. Free component concentration - 30 credits. University and faculty teaching – 30 credits. (1 ECTS credit comprises 25 hours).		
Contact Person	Full Name: Indiko Abashidze Address: Melikishvili Street, No.2, Apt. 36 Tel.: (+99577) 207525 E-mail: aindiko@mail.ru		