

## FACULTY OF ELECTRICAL AND ELECTRONICS ENGINEERING

Department	Job position	Part of FTE	Study field	Science field	Required competencies and experience
Department of Electronics Engineering	Professor	1.0	Electronics Engineering E09	Electrical and Electronics Engineering T001 Measurement Engineering T010	<p><b>Doctor of Science</b> in the field of Measurement Engineering.</p> <p><b>Pedagogical work experience:</b> teaching the study modules in the areas of electrodynamics, measurement of non-electric quantities, measurement of non-electric quantities by electrical methods, ultrasonic measurements, non-destructive testing methods, experimental techniques and non-destructive testing.</p> <p><b>Experience of giving lectures in the following languages:</b> Lithuanian and English languages.</p> <p><b>Experience of supervision of the students' theses:</b> second and third study cycles.</p> <p><b>Experience of research activities:</b> in the areas of X-ray computed tomography and non-destructive ultrasound research. Experience in the implementation and management of international research projects; preparation of international research project proposals; participation in the work of committees and commissions; participation in expert and peer-review activities.</p> <p><b>Knowledge of specific technologies:</b> knowledge of computed tomography system RayScan250 CT; knowledge of X-ray tomography image processing methods; knowledge of VGStudio MAX; Avizo; CIVA.</p> <p><b>Additional required experience and competencies:</b> participation in expert and peer-review activities; preparation of scientific publications for the journals of foreign publishers; upskilling certificates; educational activities; participation in the process of doctoral studies.</p>
Department of Electronics Engineering	Professor	1.0	Electronics Engineering E09	Electrical and Electronics Engineering T001	<p><b>Doctor of Science</b> in the field of Electrical and Electronics Engineering.</p> <p><b>Pedagogical work experience:</b> teaching the study modules in the areas of micro- and nanotechnology, automotive electronic systems, transport sensors, electronics technology devices. Guest lecturer experience in a foreign institution.</p> <p><b>Experience of giving lectures in the following languages:</b> Lithuanian and English languages.</p> <p><b>Experience of supervision of the students' theses:</b> first and second study cycles.</p> <p><b>Experience of research activities:</b> in the areas of micro- and nanotechnology, automotive electronic systems, transport sensors, electronics technology devices. Experience in R&amp;D management: communication with customers, preparing reports, organising research and experimental development works. Experience in R&amp;D projects.</p> <p><b>Additional required experience and competencies:</b> experience in the preparation of international and national project proposals and patent applications. Experience in expert activities. Experience in the preparation and organisation of international scientific events.</p>

Department of Electronics Engineering	Associate Professor	0.5	Electronics Engineering E09	Electrical and Electronics Engineering T001	<p><b>Doctor of Science</b> In the field of Electrical and Electronics Engineering.</p> <p><b>Pedagogical work experience:</b> teaching the study modules in the areas of mobile connection and microwave network design. At least 10 years of pedagogical work experience.</p> <p><b>Experience of giving lectures in the following languages:</b> Lithuanian and English languages.</p> <p><b>Experience of supervision of the students' theses:</b> first and second study cycles.</p> <p><b>Experience of research activities:</b> in the areas of mobile connection and microwave network design.</p> <p><b>Knowledge of specific technologies:</b> deep knowledge of telecommunications, including the latest mobile technologies such as 5G, NB-IoT and knowledge of radio wave propagation processes.</p> <p><b>Additional required experience and competencies:</b> ability to use at least one radio network design and optimisation application.</p>
Department of Electronics Engineering	Associate Professor	0.5	Electronics Engineering E09	Electrical and Electronics Engineering T001	<p><b>Doctor of Science</b> In the field of Electrical and Electronics Engineering.</p> <p><b>Pedagogical work experience:</b> teaching the study modules in the areas of biomedical systems design, development of signal processing algorithms, knowledge of biomedical signal processing issues and specifics.</p> <p><b>Experience of giving lectures in the following languages:</b> Lithuanian and English languages.</p> <p><b>Experience of supervision of the students' theses:</b> first and second study cycles.</p> <p><b>Experience of research activities:</b> biomedical systems design, development of signal processing algorithms, knowledge of biomedical signal processing issues and specifics.</p> <p>Deep knowledge of biomedical research methodology, knowledge of biomedical technology design, knowledge of Matlab, Latex packages and languages. Experience in the preparation of international and national project proposals and patent applications. Experience in R&amp;D projects.</p>
Department of Automation	Associate Professor	1.0	Electronics Engineering E09	Informatics Engineering T007 or Electrical and Electronics Engineering T001	<p><b>Doctor of Science</b> In the field of Informatics Engineering or Electrical and Electronics Engineering.</p> <p><b>Pedagogical work experience:</b> teaching the study modules in the areas of electric actuators, electric actuator control, fundamentals of intelligent control systems, device control systems, their diagnostics and reliability, the application of artificial intelligence in the areas of control of robots and their systems.</p> <p><b>Experience of giving lectures in the following languages:</b> Lithuanian and English languages.</p> <p><b>Experience of supervision of the students' theses:</b> first and second study cycles.</p> <p><b>Experience of research activities:</b> preparation of and participation in research projects, preparation of young scientists.</p> <p><b>Additional required experience and competencies:</b> in the fields of control of technical systems, signal processing, computer vision, control and optimisation, process system design, application of artificial intelligence in technical systems.</p>
Metrology Institute	Senior Researcher	1.0	-	Measurement Engineering T010	<p><b>Doctor of Science</b> In the field of Measurement Engineering.</p> <p><b>Pedagogical work experience:</b> teaching the study modules in the areas of metrology and measurement theory; measurement; measurement and control; metrology and measurement methodology.</p> <p><b>Experience of giving lectures in the following languages:</b> Lithuanian and English languages.</p> <p><b>Experience of research activities:</b> experimental research in the areas of the preparation of calibration and verification methodologies, compliance assessment of measuring instruments, and assurance of the integrity of measurements.</p> <p><b>Knowledge of specific technologies:</b> knowledge of metrology and measurement theory and practice.</p> <p><b>Additional required experience and competencies:</b> experience in expert activities related to the development of standards and legislation in the field of metrology and quality management.</p>