

KLAIPĖDA STATE UNIVERSITY OF APPLIED SCIENCES

FACULTY OF TECHNOLOGIES

PROGRAM 1. Electronics and Telecommunications Engineering

PROGRAM 2. Civil Engineering

PROGRAM 3. Electrical Engineering

PROGRAM 4. Mechanical Engineering

PROGRAM 5. Food Technologies

Short-term program, 5-6 ECTS

PROGRAM 1. Electronics and Telecommunications Engineering	PROGRAM 2. Civil Engineering	PROGRAM 3. Electrical Engineering	PROGRAM 4. Mechanical Engineering	PROGRAM 5. Food Technologies
COURSE OUTLINE	COURSE OUTLINE	COURSE OUTLINE	COURSE OUTLINE	COURSE OUTLINE
Module 1. Agile	Module 1. Legal regulations of energy saving in buildings in Lithuania	Module 1. Augmented reality application fields, possibilities and demonstrations	Module 1. Augmented reality application fields, possibilities and demonstrations	Module 1. Cognitive and experimental visits to food producing companies
Module 2. Object oriented programming	Module 2. Legal regulations of energy saving in buildings in Europe	Module 2. Mechatronic systems: Control technology	Module 2. Mechatronic systems: Control technology	Module 2. Functional food
Module 3. Internet of things	Module 3. Software in construction	Module 3. Computer Graphics	Module 3. Computer Graphics	Module 3. Healthy food
Module 4. Networking technologies	Module 4. Constructions of Energy	Module 4. Electrical Energy	Module 4. Electrical Installation	Module 4. Leadership ABC (career design) activities
Module 5. Control system simulation	Module 5. Introduction with Software in construction – REVIT	Module 5. Structure of Lithuanian power systems	Module 5. Materials Science	Module 5. Food production without waste

Module 6. Introduction to development of mobile applications	Module 6. Introduction with Software in construction – Bentley STAAD	Module 6. Electrical Transmission Grid ten year development plan	Module 6. Electrical Installation Lithuanian language class	Module 6. Determination of nutritional value of products (calculator)
Module 7. Automatics and manual control of smart house devices (project work)	Module 7. The causes of energy loss in buildings, ways to avoid and solutions	Module 7. Electrical Installation	Module 7. Practicum/ project work/ visit to a company	Module 7. Healthy lifestyle factors
Module 8. Mobile application for controlling (project work)	Module 8. Performance building: foundations, walls, roofs, windows and doors	Module 8. ESO electricity supply and distribution, new and present projects		Module 8. Food Toxicology
Module 9. Internet of things in smart house (project work)	Module 9. Energetic certification of a building	Module 9. Lithuanian language class		Module 9. Fish processing technologies
Module 10. Lithuanian language class	Module 10. Green buildings: afforestation elevations, roofs, terraces	Module 10. Practicum/ project work/ visit to a company		Module 10. World Cuisine (Lithuanian Cuisine)
Module 11. Practicum/ project work/ visit to a company	Module 11. Nearly Zero Energy Buildings. Passive house buildings			Module 11. Food chemistry
	Module 12. The design of buildings (green and passive) in BIM environment			Module 12. Innovative Food
	Module 13. The design of “green” building in BIM environment			Module 13. Technology and Equipment
	Module 14. Lithuanian language class			Module 14. Lithuanian language class
	Module 15. Practicum/ project work/ visit to a company			Module 15. Practicum/ project work