STUDY SUBJECT DESCRIPTION

Subject code:	**AINKpr04**
Title in Lithuanian:	**GEODEZIJOS PROFESINĖS VEIKLOS PRAKTIKA-2**
Title in English:	**PROFESSIONAL PRACTICE OF GEODESY-2**
Subject type:	**compulsory**
Subject volume:	**7 credits,** **186 hrs** (93 hrs for lectures; 93 hrs for individual work).
The subject is certified by:	**2025-09-01**

Study subject annotation. To acquire knowledge about choosing and evaluating geodetic instruments to make a digital topog-raphic plan, to design and make the base of plan work, to make and evaluate a topographic plan, to be able to recognise the location of network points and test the instruments, to acquire skills of ma-king geodetic network applying modern geodetic instruments and methods, evaluating the precision of measurements, linking them to a single system.

Study subject aim. To acquire knowledge to select and evaluate geodetic instruments for drawing up a digital topographic plan, to design and form the basis of the work of the plan, to draw up and evaluate a topographic plan, to be able to reconnoiter the locations of network points and to check the instruments, to acquire the skills to draw up geodetic networks using modern devices and methods, to assess the accuracy of measurements, to link them into a unified system.

Student workload:

Form of classes	Lectures, hours	Practical, laboratory works, seminars, consultations, hours	Total contact work hours	Total independent work hours
Contack work	**43/0**	**43/43**	**93**	**93**
Remote work	**-**	**21/46**		

Topic:
Apply the cadastral measurements of real estate objects regulated by the legal documents of the Republic of Lithuania.
Collect geodetic measurement data using global positioning system (GPNS), levels, tacheometers.
Prepare a land plot plan for cadastral measurements.
To prepare a topographical plan, using modern methods.
Determine the restrictions of the land plot in accordance with LEII and NŽT at ŽŪM data using software.
To describe the procedure for collecting cadastral data of a real estate object by determining cadastral data indicators and linking them to register data sets.
Prepare real estate cadastral data with software for real estate registration (or real estate cadastral data revision) in the Real Estate Cadastre.

Subject study methods: individual analysis of literature, field work, cameral data proceeding, preparation and presentation of a report.

Methods and structure of students' achievement accumulative assessment. A ten-point cumulative criteria assessment system is applied

Assessment method Assessment part, %	Assessment part, %
Practical works	60
Defense of work	40

Coordinating teachers: lect. Darius Pupka, lect. Vilma Šalkauskenė, Department of Real Estate Cadastre