



Lietuvos  
inžinerijos  
kolegija

## Group III Digital Competences

*These modules are designed to acquire and/or develop competences in the application of technologies, engineering thinking, data analysis and digital design*

- **Computer-Aided Design of Buildings (Ramūnas Gečys) LT, R, P.**  
Students acquire knowledge of the “AutoCAD Architecture” software for computer-aided design. They develop skills in modelling building structures, creating spatial models, plans, sections and elevations. Competence is developed in using visualisation tools, producing realistic project renderings and preparing technical drawings.
- **Spatial Data Sets (Vaiva Stravinskienė) LT, R.**  
Upon completion of the module, students will be able to create digital maps using relevant data sets. They become familiar with Lithuania’s georeferenced base data, thematic and municipal spatial data sets, and learn to apply graphical and attribute data in project preparation. Practical sessions develop skills in data retrieval, selection and analysis, which are essential for design processes and evidence-based decision-making.
- **Inventory of Buildings (Darius Pupka) LT, R, P.**  
This module introduces cadastral data collection for buildings, cadastral measurements and the preparation of graphical documentation. Students learn to use measuring instruments and specialised computer software for conducting cadastral surveys of structures.