

Department:

Geomatics Engineering

Internship Period:

30 working days

Type of Internship:**Internship Description:**

Horizontal control network measurement and evaluation

Vertical control networks, longitudinal measurements and their corrections and reductions, angle measurements, detail measurements, geometric/trigonometric height measurements in engineering projects, bathymetric measurements, topographic map and plan production

Measurement, evaluation and balancing of horizontal and vertical control networks

Polygon measurement and calculations

Cadastral measurements, zoning plan applications, land/plot and territory arrangements, land consolidation,

Study of the current laws and regulations in this field

Sectioning of road and canal project implementation, area calculation, planning for art installations and implementation of routes

Measurement and application of underground infrastructure lines

Ground application of large construction projects

Deformation and displacement measurements and calculations

All kinds of photogrammetry studies

All kinds of remote sensing studies

Geographical and Urban Information System applications

Bathymetric map, location based systems and navigation studies

Industrial measures

Real estate valuation studies

All other studies in the field of Geomatics Engineering

Urban transformation applications

Services performed by Licensed Map and Cadastre Offices

Appropriate Locations for Internship:

Workplaces that use the implementation of maps

Workplaces engaged in project construction and application works such as road, railway, metro lines, irrigation, drying, water delivery, and sewage

Large construction sites requiring measurement and mapping

Establishments engaged in cadastre, land management, zoning application studies

Workplaces engaged in real estate appraisal work

Workplaces that work in the field of Geographic Information Technologies

Location-based systems, fleet management, workplaces operating in navigation

Photogrammetry and remote sensing workplaces

Institutions or organizations that work in other relevant business areas of Geomatics

Engineering that are in the field of application and research

Special Requirements Related to Occupational Obligations:

The student's internship work should be carried out under the supervision of a member of the institution or organisation who has a Geomatics Engineering diploma. The internship notebook is checked by confirming with the Geomatics Engineer or bureau chief under whose supervision the student worked. If the bureau chief also supervises internship work, his approval is sufficient.