

<b>Title of Course</b>	<b>Surveying – project</b>		
<b>Semester</b>	Autumn/Spring		
<b>Teaching Hours per Course:</b>	<b>Total</b>	<b>- Lectures:</b>	<b>- Tutorials:</b>
	30		30
<b>ECTS Credits</b>	3		
<b>The content of education</b>			
<b>Aims of Course</b>	The purpose of the subject is teaching the competences of performing the basic geodetic surveys indispensable to the engineers of this speciality with the particular consideration of marking the linear objects in respect of the situation and height, preparing to make use of maps at the phase of design, getting acquainted with the geodetic equipment, measurements technique and formulation of measurement results.		
<b>Program</b>	Core map contents, agreed-on marks. Scales and calibrations. Distance surveys. Angle surveys, bevel. Theodolite construction. Geometric capacities of theodolite. Coordinates calculation. Surface survey and calculation. Elevation levelling – level instrument.		
<b>Conditions of completion</b>	The condition of the getting the credit is the obligatory attendance and passing project classes. To pass the project classes it is necessary to obtain the positive evaluation of four projects prepared by the student at university and at home as well as passing the written test comprising the knowledge of the issues discussed during the project classes and being graded in the scale: from 2,0 to 5,0. The final grade is the average of the grades.		
<b>Teacher</b>	Artur Koper, PhD		