

Title (Engineering Measurement)	Code 1010102121010100686
Field Civil Engineering II stopień	Year / Semester 1 / 2
Specialty -	Course core
Hours Lectures: 1 Classes: - Laboratory: 1 Projects / seminars: -	Number of credits 2
	Language polish

Lecturer:

dr inż. Ireneusz Wyczalek
Wydział Budownictwa i Inżynierii Środowiska
ul. Piotrowo 5
60-965 Poznań
tel. +48 61 6652420, fax. +48 616652432
e-mail: Ireneusz.Wyczalek@put.poznan.pl

Faculty:

Faculty of Civil and Environmental Engineering
ul. Piotrowo 5
60-965 Poznań
tel. (061) 665-2413, fax. (061) 665-2444
e-mail: office_dceef@put.poznan.pl

Status of the course in the study program:

Compulsory Subject

Assumptions and objectives of the course:

Knowing the place and role of geodetic and cartographic materials used in construction investment process, mastering the basic skills of measuring useful for construction engineer in his professional career; acknowledge of the latest measurement techniques and interpretation of measurement results.

Contents of the course (course description):

The legal basis of the use of geodetic-cartographic materials and geodetic works in construction; cartographic source documents, digital maps, spatial information systems, update the basic map, developing maps for design purposes; control points of reference, measurement and implementation of construction and operation, measurement and control powykonalawcze, displacements and deformations measurements.

Introductory courses and the required pre-knowledge:

Fundamentals of Geodesy, analytical geometry, the basis of mathematical statistics.

Courses form and teaching methods:

Multimedia illustrated lecture, laboratory exercises using modern geodetic instruments.

Form and terms of complete the course - requirements and assessment methods:

Written test, measurement and calculation works.

Basic Bibliography:

Additional Bibliography: