

Title (Instalacje budowlane)	Code 1010101161010130527
Field Civil Engineering First-cycle Studies	Year / Semester 3 / 6
Specialty Construction Engineering and Management	Course core
Hours Lectures: 2 Classes: - Laboratory: - Projects / seminars: 1	Number of credits 3
	Language polish

Lecturer:

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Status of the course in the study program:

Core course for students of all specialisations of civil engineering.

Assumptions and objectives of the course:

Knowledge of building services systems and basics of design.

Contents of the course (course description):

Electrical supply and installations in buildings and on building site. Security installations and control services. Heating system ? energy supply, thermostatic control of heating systems. Cold water and supply systems in building, communication pipe, own sources of water supply. Gas installation, components and controls. Ventilation systems. Domestic sewage and rain ?water systems.

Introductory courses and the required pre-knowledge:

Knowledge of building services systems and basics of design.

Courses form and teaching methods:

Lectures, project.

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

Basic of building engineering and hydraulics.-

Basic Bibliography:

Additional Bibliography: