

Title Lighting design	Code 10103242910103201440
Field Electrical Engineering	Year / Semester 5 / 9
Specialty Lighting Engineering	Course core
Hours Lectures: - Classes: - Laboratory: - Projects / seminars: 18	Number of credits 3
	Language polish

Lecturer:

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Status of the course in the study program:

Obligatory course of the study program in Electrical Engineering Faculty for extramural undergraduate study, specjalty ? Lighting Engineering

Assumptions and objectives of the course:

The student should obtain basic knowledge of lighting systems design.

Contents of the course (course description):

Calculation of luminance and illuminance distribution in interiors and open grounds. Practical study of using computer software for lighting design. Making some example calculation for the following application fields: offices, educational buildings, industrial buildings, shops and stores, roads, parking, sport.

Introductory courses and the required pre-knowledge:

Basic knowledge of physics, electrical engineering and lighting engineering.

Courses form and teaching methods:

Exercises and practical training on PC?s in laboratory.

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

Project.

Basic Bibliography:

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Additional Bibliography:

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