

Title <b>Lighting design</b>	Code <b>10103222310103201310</b>
Field <b>Electrical Engineering</b>	Year / Semester <b>2 / 3</b>
Specialty <b>Lighting Engineering</b>	Course <b>core</b>
Hours Lectures: - Classes: - Laboratory: - Projects / seminars: <b>1</b>	Number of credits <b>2</b>
	Language <b>polish</b>

**Lecturer:**

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**Status of the course in the study program:**

Obligatory course of the study program in Electrical Engineering Faculty for stationary Master's study, specialty: Lighting Engineering.

**Assumptions and objectives of the course:**

The student should obtain knowledge in lighting design.

**Contents of the course (course description):**

Psychophysiology of the vision. Physiological principles of the the lighting design. Energy efficiency of outdoor and indoor lighting. Maintenance of the lighting system. Calculating the illuminance from linear and surface sources.

**Introductory courses and the required pre-knowledge:**

Basic knowledge of Lighting Engineering.

**Courses form and teaching methods:**

Project exercises.

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

Active participation projects and final test.

**Basic Bibliography:**

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**Additional Bibliography:**

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