

Title <b>Fundamentals of lighting design</b>	Code <b>10103242910103201441</b>
Field <b>Electrical Engineering</b>	Year / Semester <b>5 / 9</b>
Specialty <b>Lighting Engineering</b>	Course <b>core</b>
Hours Lectures: - Classes: - Laboratory: - Projects / seminars: <b>18</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 extramural undergraduate study, specialty: Lighting Engineering.

**Assumptions and objectives of the course:**

The student should obtain ability of carry out simple lighting calculations.

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

Basic relationships among photometric parameters. Carry out calculation of luminous based on symmetrical and asymmetrical photometric solid The calculation the illumination with punctual method. Calculation luminance of luminaires.

**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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