

Title Colorimetry	Code 10103242910103201439
Field Electrical Engineering	Year / Semester 5 / 9
Specialty Lighting Engineering	Course core
Hours Lectures: - Classes: - Laboratory: - Projects / seminars: 9	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, specialty ? Lighting Engineering

Assumptions and objectives of the course:

The student should obtain basic knowledge of colorimetry. Theoretical and practical study of colorimetric measurements methods.

Contents of the course (course description):

Basics of colorimetry. Additive and subtractive mixture of colours. Description of trichromatic systems. Colorimetric measurements. Colour management systems for computer equipments. Testing of colorimetric properties of lamps. Calculation of colorimetric quantities.

Introductory courses and the required pre-knowledge:

Basic knowledge of physics, electrical engineering and lighting engineering.

Courses form and teaching methods:

Project exercises.

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

Examination, project reports.

Basic Bibliography:

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Additional Bibliography:

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