

Title <b>Exploitation of technical systems</b>	Code <b>1010324271010320364</b>
Field <b>Electrical engineering</b>	Year / Semester <b>4 / 7</b>
Specialty -	Course <b>core</b>
Hours Lectures: - Classes: - Laboratory: <b>8</b> Projects / seminars: -	Number of credits <b>3</b>
	Language <b>polish</b>

**Lecturer:**

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

Obligatory subject, Faculty of Electrical Engineering, Field: Electrical Engineering, Extramural undergraduate studies.

**Assumptions and objectives of the course:**

The knowledge of theoretical and practical exploitation problems of technical systems and objects.

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

Principles of calculation, research, and simulation of electric drive systems. Determination of engine power at various loads and the environment temperature deviating from its standard level. Execution of a selected simulation exercise.

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

Basic of Electrical Engineering, Theory of Electrical Motors and Drives.

**Courses form and teaching methods:**

Laboratories simulations.

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

Laboratory reports.

**Basic Bibliography:**

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**Additional Bibliography:**

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