



UNIVERSITY OF NIŠ

Course Unit Descriptor

Faculty

Faculty of Mechanical Engineering

GENERAL INFORMATION

Study program

Mechanical Engineering

Study Module (if applicable)

Course title

Design of Power Sources

Level of study

Bachelor Master's Doctoral

Type of course

Obligatory Elective

Semester

Autumn Spring

Year of study

I

Number of ECTS allocated

10

Name of lecturer/lecturers

Jelena Stefanović-Marinović

Teaching mode

Lectures Group tutorials Individual tutorials
 Laboratory work Project work Seminar
 Distance learning Blended learning Other

PURPOSE AND OVERVIEW (max. 5 sentences)

Introducing functions, types and parameters of different power sources.

SYLLABUS (brief outline and summary of topics, max. 10 sentences)

- Defining of the power sources-functions, concepts and parameters.
- Electric motor power sources.
- Internal combustion engine power sources.
- Hydrostatic power sources.
- Hydrodynamic power sources.
- Alternative power sources.
- Hybrid power source.

LANGUAGE OF INSTRUCTION

Serbian (complete course) English (complete course) Other _____ (complete course)

Serbian with English mentoring Serbian with other mentoring _____

ASSESSMENT METHODS AND CRITERIA

Pre exam duties	Points	Final exam	points
Activity during lectures		Written examination	
Practical teaching		Oral examination	50
Teaching colloquia	50	OVERALL SUM	100

*Final examination mark is formed in accordance with the Institutional documents