

Title of Course	Electrical Technology		
Semester	Autumn/Spring		
Teaching Hours per Course:	Total	- Lectures:	- Tutorials:
	30	30	-
ECTS Credits	2		
The content of education			
Aims of Course	This course focuses on electrotechnics. The student will obtain information about electrical engineering and semiconductor electronics, required during use of electronic and electrical devices. Student will learn the functional principles of electronic and electrical devices commonly used.		
Program	L1. Basic terms of electrical engineering; L2. Direct Current electric circuits; L3. Direct Current electric circuits solving methods; L4. Non-linear DC circuits; L5. Sinusoidal currents circuits; L6. Power of sinusoidal currents; L7-8. Electronic components and electronic circuits; L9-10. Electronic amplifiers; L12. Electronic filters; L13. Three-phase systems; L14. Three-phase power;		
Conditions of completion	Written test Pass mark: 51% Marks: 51-60% 3 61-70% 3,5 71-80% 4 81-90% 4,5 91-100% 5		
Teacher	Jakub Łęcki, M.Sc.		