

<b>STUDY MODULE DESCRIPTION FORM</b>		
Name of the module/subject <b>Ergonomics</b>		Code <b>1011101431011120136</b>
Field of study <b>Logistics - Full-time studies - First-cycle studies</b>	Profile of study (general academic, practical) <b>(brak)</b>	Year /Semester <b>2 / 3</b>
Elective path/specialty <b>-</b>	Subject offered in: <b>Polish</b>	Course (compulsory, elective) <b>elective</b>
Cycle of study: <b>First-cycle studies</b>	Form of study (full-time, part-time) <b>full-time</b>	
No. of hours Lecture: <b>30</b> Classes: <b>-</b> Laboratory: <b>30</b> Project/seminars: <b>-</b>		No. of credits <b>5</b>
Status of the course in the study program (Basic, major, other) <b>(brak)</b>		(university-wide, from another field) <b>(brak)</b>
Education areas and fields of science and art <b>technical sciences</b> <b>Technical sciences</b>		ECTS distribution (number and %) <b>100 5%</b> <b>100 5%</b>
<b>Responsible for subject / lecturer:</b> dr hab. inż. Aleksandra Jasiak, prof. PP email: aleksandra.jasiak@put.poznan.pl tel. 61 665 33 84 Faculty of Engineering Management ul. Strzelecka 11 60-965 Poznań		<b>Responsible for subject / lecturer:</b> mgr inż. Aleksandra Dewicka email: aleksandra.dewicka@put.poznan.pl tel. 61-665-33-77; 61-665-33-74 Faculty of Engineering Management ul. Strzelecka 11 60-965 Poznań
<b>Prerequisites in terms of knowledge, skills and social competencies:</b>		
1	<b>Knowledge</b>	The student has knowledge of the principles for formulating proposals anatomy, mathematics and physics
2	<b>Skills</b>	The student has the ability to work in a team
3	<b>Social competencies</b>	The student has the ability to associate the phenomena of socio-economic working conditions
<b>Assumptions and objectives of the course:</b> The acquisition of skills, knowledge and social competence in the field of development of working conditions adapted to the psycho-physical capabilities of the employee.		
<b>Study outcomes and reference to the educational results for a field of study</b>		
<b>Knowledge:</b>		
1. The student has a basic knowledge of ergonomics at work shaping - [-]		
2. The student has knowledge of ergonomic requirements and the principles of ergonomics in the field of shaping st. Work - [-]		
3. The student has knowledge about the possibilities of human psycho - [-]		
<b>Skills:</b>		
1. The student has the ability to measure some psycho-physical capabilities - [-]		
2. The student has the ability to apply the basic principles of ergonomics and ergonomic requirements for forming st. Work - [-]		
3. The student has the ability to measure the basic parameters of the work environment - [-]		
<b>Social competencies:</b>		
1. The student is aware of the need to apply the principles of ergonomics in the process of shaping positions and work processes - [-]		
2. The student is aware of the consequences of the relationship? Possibilities psychofizyczne- internal and external load work - [-]		
3. The student is aware of the impact of working conditions on health worker - [-]		

<b>Assessment methods of study outcomes</b>		
Written passes before class written tests after each of the 4 cycles laboratories Rech		
<b>Course description</b>		
<p>Basic content</p> <p>The physical capacity of the body and BMI.</p> <p>The anthropometric man</p> <p>Visual work in variable lighting conditions.</p> <p>The absolute threshold of hearing.</p> <p>The selection criteria for the seat to the user.</p> <p>The acoustic conditions of the room</p> <p>Selected parameters of electric lighting.</p> <p>Feeling mechanical vibrations.</p> <p>Reactions simple and complex.</p> <p>Audio and visual stimuli and making mistakes.</p> <p>Selected psycho-physical capabilities.</p> <p>The choice of the leading content shorted position</p>		
<b>Basic bibliography:</b>		
<b>Additional bibliography:</b>		
<b>Result of average student's workload</b>		
Activity	Time (working hours)	
<b>Student's workload</b>		
Source of workload	hours	ECTS
Total workload	60	5
Contact hours	30	3
Practical activities	30	2