

| STUDY MODULE DESCRIPTION FORM | | |
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| Name of the module/subject Ergonomics | | Code 1011101431011120136 |
| Field of study Logistics - Full-time studies - First-cycle studies | Profile of study (general academic, practical) (brak) | Year /Semester 2 / 3 |
| Elective path/specialty - | Subject offered in: Polish | Course (compulsory, elective) elective |
| Cycle of study: First-cycle studies | Form of study (full-time, part-time) full-time | |
| No. of hours Lecture: 30 Classes: - Laboratory: 30 Project/seminars: - | | No. of credits 5 |
| Status of the course in the study program (Basic, major, other) (brak) | | (university-wide, from another field) (brak) |
| Education areas and fields of science and art | | ECTS distribution (number and %) |
| Responsible for subject / lecturer: 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 | | Responsible for subject / lecturer: 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 |
| Prerequisites in terms of knowledge, skills and social competencies: | | |
| 1 | Knowledge | The student has knowledge of the principles for formulating proposals anatomy, mathematics and physics |
| 2 | Skills | The student has the ability to work in a team |
| 3 | Social competencies | The student has the ability to associate the phenomena of socio-economic working conditions |
| Assumptions and objectives of the course: 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. | | |
| Study outcomes and reference to the educational results for a field of study | | |
| Knowledge: | | |
| 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 - [-] | | |
| Skills: | | |
| 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 - [-] | | |
| Social competencies: | | |
| 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 - [-] | | |
| Assessment methods of study outcomes | | |

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| Written passes before class written tests after each of the 4 cycles laboratories Rech | | |
| Course description | | |
| <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> | | |
| <p>Basic bibliography:</p> <p>1. Horst W. M., Horst N., Ergonomia z elementami bezpieczeństwa i ochrony w pracy. Wprowadzenie, Wydawnictwo Politechniki Poznańskiej, 2011</p> <p>2. Horst W. M., Horst N., Ergonomia z elementami bezpieczeństwa i ochrony zdrowia w pracy. Zasady i wymagania związane z indywidualnymi cechami człowieka, Wydawnictwo Politechniki Poznańskiej, 2011</p> <p>3. Horst W. M., Dahlke G., Górny A., Horst N., Horst W. F., Korchut W., Ergonomia z elementami bezpieczeństwa i ochrony zdrowia w pracy. Zasady i wymagania związane z odbiorem i przetwarzaniem bodźców, Wydawnictwo Politechniki Poznańskiej, 2011</p> <p>4. Horst W. M., Dahlke G., Górny A., Horst N., Horst W. F., Ergonomia z elementami bezpieczeństwa i ochrony zdrowia w pracy. Zasady i wymagania związane z materialnym środowiskiem pracy, Wydawnictwo Politechniki Poznańskiej, 2011</p> | | |
| <p>Additional bibliography:</p> <p>1. Standards and Regulation of the</p> | | |
| Result of average student's workload | | |
| Activity | Time (working hours) | |
| Student's workload | | |
| Source of workload | hours | ECTS |
| Total workload | 60 | 5 |
| Contact hours | 30 | 3 |
| Practical activities | 30 | 2 |