

Short description of subject	Work safety and ergonomics course covers 1 semester and 15 didactic hours. Frontal lectures (15 h) are in weekly intervals during whole semester 1 h each and cover the part of occupational health and safety and part of ergonomics. Detailed description of topics is available in Syllabuses
Necessary requirements for practicals	Students should be prepared for coming class
Location	Lectures are in Lecture hall B – Collegium Veterinarium
Person responsible and Dept	Piotr Maksym – Center of Innovation and Implementation of New Technologies in Agricultural Engineering, Głęboka 28 street, room no 169 piotr.maksym@up.lublin.pl Department of Technology Fundamentals Subdepartment of Ergonomics, Faculty of Engineering Production
Schedule	Date: 1- Overview of the lecture module. Basic concepts of occupational health and safety. Date: 2 – Legal regulations in the field of occupational health and safety in the PL and the EU. Date: 3 – Hazards in the working environment of the veterinarian. Date: 4 – Identification and prevention of hazards occurring Date: 5 – Occupational risk - definition, risk assessment, evaluation methods. Date: 6 – Accident at work - causes and consequences, conduct procedures Date: 7– Pre-medical First Aid Date: 8 – Principles of fire protection Date: 9 – Basic concepts of ergonomics. Man-machine arrangement. Date: 10 – Workload assessment methods (physical and mental) Date: 11 – Workload assessment methods (physical and mental) cont. Date: 12 – Adaptation principles of tools / machines / devices / workstations to human psychophysical abilities. Date: 13 – Fatigue concept Date: 14 – Analysis of the workstation in terms of ergonomics Date: 15 – colloquium Pdf files will be attached to each class
Didactic materials	Pdf files with lecture materials Books – info in syllabuses or the list here
	Safety Analysis: Principles and Practice in Occupational Safety CRC Press Lars Harms-Ringdahl

Additional materials

<https://www.cdc.gov/niosh/topics/veterinary/default.html>

http://www.who.int/occupational_health/regions/en/oehemhealthcareworkers.pdf

Schedule

Date: 1- Overview of the lecture module. Basic concepts of occupational health and safety. Omówienie obowiązującego modułu dotyczącego części wykładowej. Podstawowe pojęcia dotyczące bhp.

Date: 2 – Legal regulations in the field of occupational health and safety in the PL and the EU.

Uregulowania prawne w zakresie bhp w PL and UE.

Date: 3 – Hazards in the working environment of the veterinarian.

Zagrożenia w środowisku pracy lekarza weterynarii.

Date: 4 – Identification and prevention of hazards occurring

Identyfikacja i przeciwdziałanie występujących zagrożeń

Date: 5 – Occupational risk - definition, risk assessment, evaluation methods.

Ryzyko zawodowe – definicja, szacowanie ryzyka, metody oceny.

Date: 6 – Accident at work - causes and consequences, conduct procedures

Wypadek przy pracy – przyczyny i skutki, procedury postępowania

Date: 7– Pre-medical First Aid

Pierwsza pomoc przedmedyczna

Date: 8 – Principles of fire protection

Zasady ochrony przeciwpożarowej

Date: 9 – Basic concepts of ergonomics. Man-machine arrangement.

Podstawowe pojęcia z zakresu ergonomii. Układ człowiek – maszyna.

Date: 10 – Workload assessment methods (physical and mental)

Metody oceny obciążenia pracą (fizyczną i psychiczną)

Date: 11 – Workload assessment methods (physical and mental) cont.

Metody oceny obciążenia pracą (fizyczną i psychiczną) cd.

Date: 12 – Adaptation principles of tools / machines / devices / workstations to human psychophysical abilities.

Zasady dostosowania narzędzi / maszyn / urządzeń / stanowiska pracy do możliwości psychofizycznych człowieka.

Date: 13 – Fatigue concept

Pojęcie zmęczenia

Date: 14 – Analysis of the workstation in terms of ergonomics

Analiza stanowiska pracy pod względem ergonomicznym

Date: 15 – colloquium