



## Subject card

Subject name and code	Legal and ethical aspects of Medical and Mechanical Engineering, PG_00005150						
Field of study	Medical and Mechanical Engineering, Medical and Mechanical Engineering						
Date of commencement of studies	October 2020	Academic year of realisation of subject			2022/2023		
Education level	first-cycle studies	Subject group			Humanistic-social subject group		
Mode of study	Full-time studies	Mode of delivery			at the university		
Year of study	3	Language of instruction			Polish		
Semester of study	6	ECTS credits			1.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Institute of Mechanics and Machine Design -> Faculty of Mechanical Engineering and Ship Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		Leszek Pawłowski				
	Teachers		Leszek Pawłowski				
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	0.0	15.0	15
	E-learning hours included: 0.0						
	Additional information: Classes are held online in the Zoom program and on the e-Learning platform.  Forms of classes:  discussion with students  case studies  seminar lecture with multimedia presentation  solving tasks						
Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan	Participation in consultation hours	Self-study	SUM		
	Number of study hours	15	1.0	9.0	25		
Subject objectives	Familiarize participants with the general principles and the structure of the legal system and legal regulations and ethical principles relating to technical college graduate working in the healthcare sector.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	K6_U06		has the ability to search for legal acts related to the professional activity of an engineer in health care system, has the ability to assess their validity and basic principles of their interpretation, as well as identify threats related to legal liability		[SU3] Assessment of ability to use knowledge gained from the subject		
	K6_K02		is aware of the need to comply with the law and the principles of ethics at work and the consequences of violating them		[SK5] Assessment of ability to solve problems that arise in practice		
	K6_W11		knows the rules of undertaking and providing business activity, knows the types of entrepreneurs and legal acts in in this regard, in particular the business activity in the field of healthcare		[SW1] Assessment of factual knowledge		
Subject contents	1. Basic concepts of the legal system and their importance in the engineers' work . 2. The structure and types of legal acts and the basic principles of their interpretation. 3. Principles of searching for legal acts and working with their texts with the use of IT systems. 4. Medical law issues, including the basic principles of the health care system, patient rights, related to the involvement of an engineer in health care. 5. Selected ethical issues in health care and professional activity. 6. Principles of undertaking and providing a business. 7. Criminal, civil and professional liability.						
Prerequisites and co-requisites							

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
		credit	60.0%
Recommended reading	Basic literature	Kubiak Rafał, Prawo medyczne, Warszawa 2017	
		Muras Zdzisław, Podstawy prawa, Warszawa 2019	
	Supplementary literature	Anna Paprocka-Lipińska, Roman Budziński (red.) Etyka w medycynie. Między teorią a praktyką. Gdańsk 2016	
	eResources addresses		
Example issues/ example questions/ tasks being completed	To complete the course student has to prepare and present the speech on selected topic related to the legal issues of engineer's activity. Moreover, student has to obtain no less than 60% of correct answers to the questions during the final test. The attendance to seminars is obligatory. In case of absence, student has to immediately contact the teacher by email and complete all indicated tasks.		
Work placement	Not applicable		