COURSE DESCRIPTION CARD - SYLLABUS

Course name
Legal and administrative conditions in chemical technology [N1TCh2>PiAUwTC]

Course

Field of study
Chemical Technology

Year/Semester
4/8

Area of study (specialization)
–

Profile of study
general academic

Level of study
first-cycle

Course offered in
Polish

Form of study
part-time

Requirements
elective

Number of hours

Lecture
10

Laboratory classes
0

Other
0

Tutorials
0

Projects/seminars
0

Number of credit points

1,00

Coordinators

dr Jarosław Kola

Lecturers

Prerequisites

1. Knowledge of the main features of the chemical industry. 2. Knowledge of industrial development strategies in the European Union.

Course objective

The aim of the course is to familiarise students with the general laws and administrative rules that regulate the production and use of chemical substances.

Course-related learning outcomes

Knowledge:
1. Student has the general knowledge necessary to understand the social, economic, legal and other non-technical conditions of engineering activities [K_W16].
2. Student has the necessary knowledge of the hazards associated with the implementation of chemical processes and knows the principles of risk estimation, knows international conventions and EU directives in the field of process safety and knows the principles of chemical product market organisation (REACH) [K_W18].

Skills:

1. Student has the ability of self-education, is able to use source information in Polish and foreign language in accordance with the rules of ethics, reads with comprehension, conducts analyses, syntheses, summaries, critical evaluations and correct conclusions. [K_U05]
2. Student applies basic legal regulations, takes into account legal regulations in the area of product standards and testing standards. [K_U27, K_U28]

Social competences:
1. Student is aware of the importance and understanding of the non-technical aspects and consequences of engineering activities, including their impact on the environment and the associated responsibility for decision-making. [K_K02]

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Knowledge acquired during the lecture is verified during the test. The test consists of about 30 questions. Minimum threshold: 50% points. Test issues, on the basis of which questions are formed, will be sent to students by e-mail using the university e-mail system.
Skills and knowledge acquired during project classes are verified on the basis of the heat law project.

Programme content

Issues related to legal and administrative conditions in chemical technology

Course topics

1. The concept of law, legal norm and legal rule
2. Interpretation of law
3. Sources of law and legal acts
5. Division of the law into branches
6. General knowledge of civil law
7. Administrative law
8. International law and Polish law
9. European Union law
10 Application of European Union law
11. Regulations governing the production, use and transport of chemical substances, including hazardous compounds.

Teaching methods

Lecture: multimedia presentation, illustrated with examples on the board.

Bibliography

Basic:
1. W. Siuda, Elementy prawa dla ekonomistów, Wydawnictwo Contact, Poznań 2011.
2. Nowa strategia przemysłowa dla Europy, Bruksela, dnia 10.3.2020 r. COM(2020) 102.
3. Zamknięcie obiegu - plan działania UE dotyczący gospodarki o obiegu zamkniętym, Bruksela, dnia 2.12.2015 r. COM(2015) 614.
4. Zamknięcie obiegu - plan działania UE dotyczący gospodarki o obiegu zamkniętym załącznik, Bruksela, dnia 2.12.2015 r. COM(2015) 614.
5. Nowy plan działania UE dotyczący gospodarki o obiegu zamkniętym na rzecz czystszej i bardziej konkurencyjnej Europy, Bruksela, dnia 11.3.2020 r. COM(2020) 98.
6. Mapa drogowa GOZ, Transformacji w kierunku gospodarki o obiegu zamkniętym, Załącznik do uchwały Rady Ministrów, 2019 r.

Additional:
Kodeks cywilny
Prawo UE, Oficjalna strona internetowa Unii Europejskiej, https://europa.eu/european-union/law_pl.

Breakdown of average student's workload

	Hours	ECTS
Total workload	25	1,00
Classes requiring direct contact with the teacher	10	0,50
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	15	0,50