



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Diploma Seminar

### Course

Field of study

Chemical Technology

Area of study (specialization)

Level of study

First-cycle studies

Form of study

full-time

Year/Semester

IV/7

Profile of study

general academic

Course offered in

English

Requirements

compulsory

### Number of hours

Lecture

Laboratory classes

Other (e.g. online)

Tutorials

Projects/seminars

0

15

### Number of credit points

2

### Lecturers

Responsible for the course/lecturer:

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Faculty of Chemical Technology

Institute of Chemistry and Technical

Electrochemistry

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Responsible for the course/lecturer:

### Prerequisites

Basic knowledge of general chemistry gained during studies.

Student should be acquainted with a topic of diploma thesis, indispensable literature and experimental technics. Student should be able to obtain information from indicated sources.

### Course objective

Gaining skills to present results of investigation, critical estimation of results and planning further studies. Preparation of student to write a manuscript of diploma thesis. Interactive estimation of



diploma according to programme requirements and actual literature. Preparation of student for dissertation presentation during diploma exam. Giving information about copyright and plagiarism exclusion.

### Course-related learning outcomes

#### Knowledge

K\_W11 - has well-grounded and improved knowledge of selected speciality

K\_W14 - has knowledge of selected aspects of modern chemical knowledge

#### Skills

K\_U1 - has the ability to obtain and critically evaluate information from the literature, databases and other sources, and formulate opinions on this basis

K-U3 - is able to communicate in English for professional contacts

K\_U6 - has the ability of professional presentation of the results in the form of report, dissertation or speech

#### Social competences

K\_K1 - is aware of the need for lifelong learning and professional development

K\_K2 - is aware of the limitations of science and technology related to chemical technology, including environmental protection

K\_K6- is able to think and act creatively

### Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Computer/oral presentation evaluated on the basis of a points system (0-100 points)

3	50.1 -70.0 points
4	70.1 -90.0 points
5	90.1 -100 points

### Programme content

1. Giving information to students on a uniform anti-plagiarism system (JSA).
2. The general rules of writing diploma thesis.
3. The rules of using literature, patents, citations.
4. Information about copyright.
5. Presentations and scientific discussions on the results of investigations obtained by the students.
6. Remarks concerning the most often errors done during writing diploma thesis.



## Teaching methods

Multimedia presentation on a uniform anti-plagiarism system (JSA).

Scientific discussions within the seminar group with an active participation of all students.

## Bibliography

Basic

Books and original scientific publications on the realized investigations.

Additional

Patents

## Breakdown of average student's workload

	Hours	ECTS
Total workload	50	2,0
Classes requiring direct contact with the teacher	25	1,0
Student's own work (literature studies, preparation for pass) <sup>1</sup>	25	1,0

<sup>1</sup> delete or add other activities as appropriate