



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

English language [S1TCh2>JA1]

### Course

Field of study

Chemical Technology

Year/Semester

1/1

Area of study (specialization)

–

Profile of study

general academic

Level of study

first-cycle

Course offered in

English

Form of study

full-time

Requirements

elective

### Number of hours

Lecture

0

Laboratory classes

0

Other (e.g. online)

0

Tutorials

60

Projects/seminars

0

### Number of credit points

5,00

### Coordinators

mgr inż. Dorota Żarnowska

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### Lecturers

### Prerequisites

The already acquired language competence compatible with level B1 (CEFR) The ability to use vocabulary and grammatical structures required on the high school graduation exam with regard to productive and receptive skills The ability to work individually and in a group; the ability to use various sources of information and reference works.

### Course objective

1. Advancing students' language competence towards at least level B2 (CEFR). 2. Development of the ability to use academic and field specific language effectively in both receptive and productive language skills. 3. Improving the ability to understand field specific texts (familiarizing students with basic translation techniques). 4. Improving the ability to function effectively on an international market and on a daily basis.

### Course-related learning outcomes

Knowledge:

As a result of the course, the student ought to acquire field specific vocabulary related to the following issues:

1 The states of matter

- 2 Separating and purifying mixtures
  - 3 Atoms and molecules, the structure of the atom, electron arrangements in atoms
  - 4 The Periodic Table of Elements, properties of atoms in chosen groups
  5. Trends in groups and across periods
  6. Naming chemical compounds
- and to be able to define and explain associated terms, phenomena and processes.  
K\_W03, K\_W04, P6S\_WG

#### Skills:

As a result of the course, the student is able to:

- give a talk on field specific or popular science topic (in English), and discuss general and field specific issues using an appropriate linguistic and grammatical repertoire,
- express basic mathematical formulas and to interpret data presented on graphs/diagrams,
- formulate a text in English where he/she explains/describes a selected field specific topic.

K\_U01, K\_U02, K\_U04, K\_U05, P6S\_UK

#### Social competences:

As a result of the course, the student is able to communicate effectively in a field specific/professional area, and to give a successful presentation in English.

The student is able to recognize and understand cultural differences in a professional and private conversation, and in a different cultural environment.

K\_K03, P6S\_KR

### Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

- Formative assessment: tests during academic year (written and oral), presentations
  1. Oral answer related to the material covered in each of the studies sections/chapters
  2. Written short tests/ tests/essays after finishing each section/chapter (the grade will be given according to the following scale: not satisfactory 0-59%, satisfactory 60-65%, satisfactory plus 67-75%, good 76-85%, good plus 86-93%, very good 94-100%)
  3. Short oral quizzes - questions during classes referring to the material (each question will be graded up to 5 points)
  4. All homework - done in time.
- Summative assessment: credit - the final grade will be calculated as the mean of all the grades from the semester.

### Programme content

1. Specialis topics connected with states of matter
2. Specialist topics connected with the pure substances and mixtures
3. Specialist topics connected with an atom, the Periodic Table of Elements and nomenclature of inorganic compounds
4. Topics connected with mathematics and description of graphs

### Course topics

1. The states of matter, differences between solids, liquids and gases
2. Separating and purifying mixtures
3. Atoms and molecules, the structure of the atom, electron arrangements in atoms
4. The Periodic Table of Elements, properties of atoms in chosen groups, trends in groups and periods
5. Naming chemical compounds

### Teaching methods

work with texts, discussion, team work, translation, films, individual written and oral deliverance, individual meetings with students, homework analysis, classes on e-meeting platform, Moodle platform exercises...

### Bibliography

**Basic:**

Richard Harwood and Ian Lodge, Cambridge IGCSE Chemistry, Coursebook, Fourth edition, 2014, Cambridge University Press ,  
Dorota Dziuba, Environmental Issues wydanie drugie, Wydawnictwo Uniwersytetu Łódzkiego

**Additional:**

Richard Harwood and Ian Lodge, Cambridge IGCSE Chemistry, Workbook, Fourth edition, 2014, Cambridge University Press ,  
Gallagher, Rose Marie and Ingram, Paul. 2011. Complete Chemistry. Oxford: Oxford University Press  
Hanf Bodo.2001.Angielski w technice. Poznań: Lektor Klett (Pons)  
Taylor, liz.2007. International Express Intermediate. Oxford: Oxford University Press  
Oxford English Video, Oxford Business English Skills, Effective Presentations, Oxford University Press

**Breakdown of average student's workload**

	Hours	ECTS
Total workload	125	5,00
Classes requiring direct contact with the teacher	63	2,50
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	62	2,50