



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Standarization, accreditation, certification

### Course

Field of study

Production Engineering and Management

Area of study (specialization)

**Quality management**

Level of study

Second-cycle studies

Form of study

part-time

Year/Semester

2/4

Profile of study

general academic

Course offered in

polish

Requirements

elective

### Number of hours

Lecture

10

Tutorials

Laboratory classes

Projects/seminars

Other (e.g. online)

### Number of credit points

1

### Lecturers

Responsible for the course/lecturer:

PhD Piotr Pajzderski

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tel. 61 665 26 21

Faculty of Mechanical Engineering

Piotrowo Street, No 3; 60-965 Poznań

Responsible for the course/lecturer:

### Prerequisites

The student has knowledge of management attitudes, understanding the need to learn and acquire new knowledge; perceiving opportunities for continuous improvement in various areas of life, including the activities of the organization, with particular emphasis



on production companies. Awareness of responsibility for the solutions adopted and the consequences of the decisions made

### Course objective

To acquaint students with theoretical and practical issues related to the assessment of product conformity in the EU, the principles of building a modular system. Accreditation system in the EU and Poland. Become familiar with the principles of standardization and basic standards. Principles of European and Polish standardization

### Course-related learning outcomes

#### Knowledge

1. Knows the rules of admitting products to the EU market
2. Has knowledge of the requirements for the application of directives
3. He knows the basics of the standardization system in the EU and in Polands

#### Skills

1. The student is able to distinguish in practice products subject to the regulations of the regulated and voluntary area
2. Can indicate the relevant directives regarding the types of products
3. Can propose appropriate conformity assessment modules
4. Can identify the current product / process standard

#### Social competences

Can independently develop knowledge in the area of the subject

The student is open to new ideas and concepts, introducing changes and striving for improvement.

### Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Exam based on a test consisting of 15 ÷ 20 test questions, carried out at the end of the semester. Score half good answers + 1.

### Programme content

Subject terminology: conformity assessment, directive, modular approach, standard

Evolution of conformity assessment systems, New Approach and Global Approach Directives,

rules for implementing directives,

conformity assessment system in Poland,

rules for European and Polish standardization



## Teaching methods

Lecture: multimedia presentation illustrated with examples; team project

## Bibliography

Basic

1. ISO 17000 standard,
2. Normalizacja, wydawnictwo PKN 2012

Additional

[www.pkn.pl](http://www.pkn.pl)

## Breakdown of average student's workload

|  | Hours | ECTS |
|--|-------|------|
| Total workload   | 25    | 1    |
| Classes requiring direct contact with the teacher  | 10    | 0,5  |
| Student's own work (literature studies, preparation for tests/exam, developping of project) <sup>1</sup> | 15    | 0,5  |

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

