



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Business Process Modeling

Course

Field of study

Management and Production Engineering

Area of study (specialization)

Computerisation in Production

Level of study

Second-cycle studies

Form of study

part-time

Year/Semester

2/3

Profile of study

general academic

Course offered in

Polish

Requirements

elective

Number of hours

Lecture

10

Laboratory classes

10

Other (e.g. online)

Tutorials

Projects/seminars

Number of credit points

2

Lecturers

Responsible for the course/lecturer:

Jacek Diakun, Ph.D.

Responsible for the course/lecturer:

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Prerequisites

Principles of management.

Course objective

Familiarizing the students with principles of business process modeling.

Course-related learning outcomes

Knowledge

Knows the principles of process-oriented organization. Knows the advantages and disadvantages of process-oriented organization. Knows the most popular business process modeling standard BPMN.



Skills

Can model business processes in most popular standard BPMN.

Social competences

Communication with specialists from the company (i.e. processes owners) in order to acquisition of data necessary for process modeling. Presentation of modeling outcomes for company managers.

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Lecture: colloquium at the end of the course.

Programme content

Lecture: Business process - definition. Process-oriented organization. Standards of business process models. Business Process Model and Notation (BPMN) standard.

Teaching methods

Lecture: multimedia presentation illustrated with examples given on a board.

Bibliography

Basic

SILVER B., BPMN Method and Style, Cody-Cassidy Press, 2009.

Additional

Business Process Model and Notation (BPMN) specification (version: 2.0.2, available free of charge from: <http://www.omg.org/spec/BPMN>)

Breakdown of average student's workload

| | Hours | ECTS |
|---|-------|------|
| Total workload | 50 | 2,0 |
| Classes requiring direct contact with the teacher | 20 | 0,5 |
| Student's own work (literature studies, preparation for laboratory classes/tutorials, preparation for tests/exam, project preparation) ¹ | 30 | 1,5 |

¹ delete or add other activities as appropriate