



## 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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Faculty of Mechanical Engineering

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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) <sup>1</sup>	30	1,5

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