

# 4IT440 BUSINESS PROCESS ENGINEERING (PROJEKT)

Course code	4IT440
Course title in language of instruction	Business Process Engineering (projekt)
Course title in Czech	Business Process Engineering
Course title in English	Business Process Engineering
Mode of completion and number of credits	Exam ECTS (4 credits), Exam (2 credits) One ECTS credit corresponds to 26 hours of workload for an average student.
Type of course	Daily attendance: 0/2 (hours of lectures per week / hours of seminars per week)
Language of instruction	Czech
Level of course and year of study	master: 4; master continuing: 1
Semester	Sklad FIS – FIS
Name of lecturer	prof. Ing. Václav Řepa, CSc. (supervisor)
Prerequisites	none

## Aims of the course

Active training in business system and processes modelling, optimisation and innovation in the real organisation

## Learning outcomes and competences

Upon successful completion of this course, students will be able to:

- understand why it is important to manage an organization in a process-oriented manner, and why it is important to model its business processes,
- collaborate on managing an organization in a process-oriented manner,
- model business processes in the organization,
- understand how the public administration works (and why just such a way).

## Course contents

Business processes,  
Business process modelling, Business system modelling,  
Business process optimization and innovation,  
Reengineering of an enterprise,  
Information system development.

## Teaching methods and student workload

Type of teaching method	Hours of workload
	daily attendance
Attendance at seminars/workshops/tutorials	13
Preparation for seminars/workshops/tutorials	39
Preparation of term paper	39
Preparation of presentation	13
<b>Total</b>	<b>104</b>

## Assessment methods

Requirement type	Weight
	daily attendance
Active lecture/seminar/workshop/tutorial participation	25 %
Term paper	25 %
personal contribution to the project goals according to the project manager's metrics in the actual project stage	50 %
<b>Total</b>	<b>100 %</b>
<b>Special requirements and details:</b> none	

## Recommended reading

Type*	Author	Title	Published in	Publisher	Year	ISBN
R	ŘEPA, V.	Podnikové procesy : procesní řízení a modelování	Praha	Grada	2006	80-247-1281-4
R	ŘEPA, V. A. K.	Analýza a návrh informačních systémů			2006	8086119139

\* R – required reading, A – additional reading