

QUO VADIS MPH-AOPR?

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First approach

- You are at the beginning of the course you learned about from the university server is.muni.cz.

- This course will be presented as a series of classic operations research cases that discuss sophisticated systems configured. This information will help you know how structured data management of operational functions or parts of systems. The proceedings are based on Accounting (production and replenishment, quality management, sales forecasts, customer



used to control processes. On the other hand, in courses that discuss how these systems are used by standard users who need to integrate ERP and the system is interpreted as a set of principles of operational management. The course covers four sectors: Finance and Accounting, Orders for material, Opportunities, dispatching,

2nd approach

- Thanks to your previous experience and the courses you have taken from your former student experience or actual life practice, you have an idea of what it could be about and whether it will be helpful to you.



Basic camp

- You only know some basic requirements hazily, you don't know anything about the teacher, and you know nothing about the possible tools that will be used in the class.



You are like climbers in a base camp, with a challenging climb ahead of you.

Another approach



Lost in the black and deep forest and and over time.....

At the top

- But as you continue to "climb" your horizons will expand, and at the top, you will hopefully realize that all the effort was worth it.



After MPH_AOPR

- And if what you hope to learn ignites a spark of interest, you will want to climb other peaks.

$\oint \mathbf{E} \cdot d\mathbf{l} = \frac{d\Phi_E}{dt}$
 $f(w) = \int_{-\infty}^{\infty} f(x) e^{-2\pi i x w} dx \frac{dw}{d\omega}$
 $\nabla \cdot \mathbf{E} = \rho$
 $\nabla \times \mathbf{E} = -\frac{\partial \mathbf{H}}{\partial t}$
 $\nabla \cdot \mathbf{H} = \frac{\partial \mathbf{E}}{\partial t}$
 $-\nabla^2 \Psi = \rho$
 $\rho \left(\frac{\partial \mathbf{v}}{\partial t} + \mathbf{v} \cdot \nabla \mathbf{v} \right) = -\nabla p + \nabla \cdot \mathbf{T} + \mathbf{f}$
 $H = -\sum \rho(x) \log p(x)$
 $\frac{1}{2} \sigma^2 S^2 \frac{\partial^2 V}{\partial S^2} + r S \frac{\partial V}{\partial S} + \frac{\partial V}{\partial t} - r V = 0$
 $TC(Q, q, m) = \sum_{i=1}^n \left[\frac{D_i}{m_i q_i} S_i + c_i v D_i + \frac{q_i H_i}{2} \left(m_i \left(1 - \frac{D_i}{P_i} \right) - 1 \right) \frac{D_i}{P_i} \right]$
 $\left[\frac{d \Delta p(s, \phi)}{d \phi} \right] = \begin{bmatrix} \gamma & -\beta \\ -\beta & 0 \end{bmatrix} \begin{bmatrix} \Delta p(s, \phi) \\ \Delta M(s, \phi) \end{bmatrix}$
 $\int_0^{\pi/2} (\log \sin x)^2 dx = \int_0^{\pi/2} (\log \cos x)^2 dx = \frac{\pi}{2} \left\{ \frac{\pi^2}{12} + (\log 2)^2 \right\}$



The organisation of teaching materials I

IS MUNI

Study Materials

- Work with study materials of MPH_AOPR
- E-learning guide
- Sharing and copying study materials
- Homework vaults
- Interactive syllabi
- Course-related bookmarks: only teachers' ones, all
- File operations

NAME

Study materials posted under the course ESF:MPH_AOPR MPH...

- Learning Materials um /3
- ROPOT (Revision, Opinion Poll and Testing) odp /1
- Homework Vaults ode /0
- Course-Related Instructions op /1
- File Vault https://is.muni.cz/auth/of/1456/MPH_AOPR/podzim2022/

Interactive Syllabus

Introduction to Operation Management and to Business Central

Files

Operations Research and ERP

Introduction to Operation Management and to Business Central

Name*

Introduction to Operation Management and to Business Central

Anotace

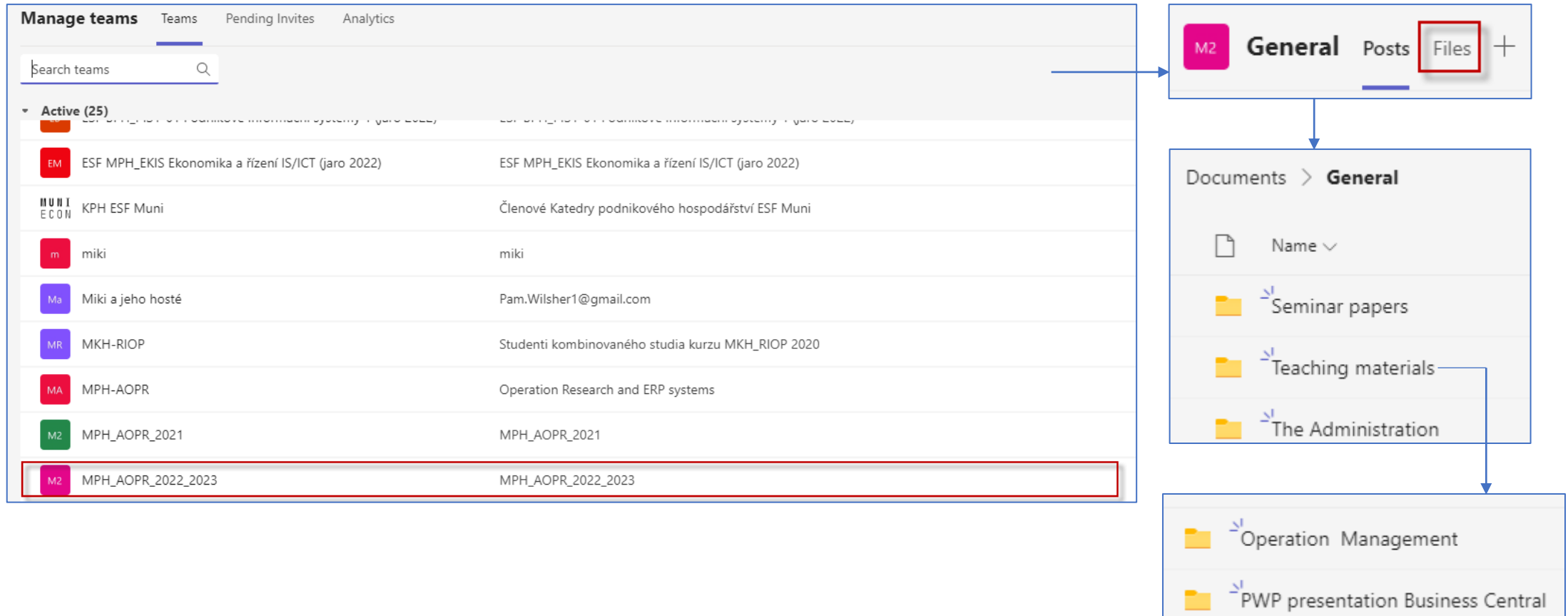
Recommended to study from: 19.09.2022

Recommended to study until: 26.09.2022

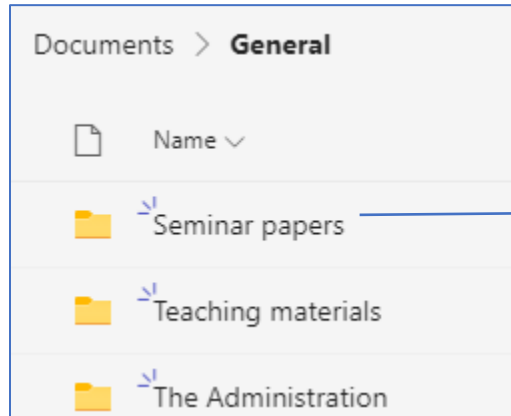
Learning Materials um /3

- Business Central Examples business_central_examples /0 Skorkovský, J.
- Business Central Power-Point files business_central_power-point_files /0 Skorkovský, J.
- Operation Management operation_management /0 Skorkovský, J.

The organisation of teaching materials II



The organisation of teaching materials III












	517125_SaddamRiar.docx	November 30, 2021	Saddam Riar
	ANDREW KABI KIZITO 503572 SEMINAR PR...	November 27, 2021	Andrew Kabi Kizito
	ANDREW KIZITO KABI 503572 SEMINAR W...	November 27, 2021	Andrew Kabi Kizito
	Anu Gupta-517124- Operations Research-2...	November 27, 2021	Anu Gupta
	Anu Gupta-517124- Operations Research-2...	November 27, 2021	Anu Gupta
	Carina_Bäumler_522535_OperationsManag...	November 26, 2021	Carina Baeumler
	Dina_Islamova_522487_MPH_AOPR_Semina...	November 27, 2021	Dina Islamova

Masaryk University
Faculty of Economics and Administration

Operations Management: seminar work related to Utilization – application of the Theory of Constraints (TOC), Critical Chain Project Management (CCPM) as a Project Management Methodology based on TOC principles.

MPH_AOPR
27.11.2021
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The organisation of teaching materials –MS TEAMS IV

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 Aytsam Chaudary	student - Ekonomicko-správní fakulta		<input type="checkbox"/>	Member ▾ ×

More
names

Operation Management Process

- An operations process is simply defined as **the organizational method for getting a task accomplished.**
- It consists of four distinct primary activities, which are :
 - Planning
 - Preparing
 - Executing
 - Assessing

- The goal of a business manager using operations and operations research methods is to improve the processes. But you have to determine (find) that goal in advance.
- To achieve a goal that you do not determine is as difficult as returning from a place you have never been.