

QUO VADIS MPH-AOPR?

Ing.J.Skorkovský, CSc,

Department of Corporate Economy

FACULTY OF ECONOMICS AND ADMINISTRATION

Masaryk University Brno

Czech Republic

First approach

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

- This course will be p control processes. C processes. On the o how to use this or th managers.
- Still, it is utterly insu improvements of exi ERP system, Micros transferring inputs in based on feedback a



the tools, that are used to
blems associated with
r CRM, students will learn
ery useful, especially for IT

software can be used for
from the perspective of the
arts of systems
operational proceedings are

Operational horizons

- The operational horizons addressed in the course are divided into following sectors:
 - **Finance and Accounting**
 - Handling data (chart of accounts, G/L entries,
 - Basic warehousing (locations, Costing Methods...) –related to inventory cost management
 - Basic reporting
 - Payments
 - G/L Budgets
 - **Suppliers**
 - Purchase Orders for to cover demands (Sales Orders of Forecats) - material replenishment
 - Material availability (MRP)
 - Marketing _CRM (product availability, lead time estimates, business opportunities, dispatching, sales forecasts, customer feedback).
 - **Customers**
 - Sales Orders , margins, balances, Credit limits,Payment terms,...
 - Sales Analysis

2nd approach

- Thanks to your previous experience and the courses you have taken from your former student experience or actual life practice, you will have an idea of what it could be about and whether it will be helpful to you.
- **Main objective of the course : to ignite in students a spark of interest in the subject**



3rd approach

- You might know only about some basic requirements hazily
- You don't know anything about the teacher and his experience from real projects, which is an invaluable experience for teaching
- You know nothing about the possible **tools** that will be used in the class (**Business Central**)



Basic camp

- You only know some basic requirements hazily, you don't know anything about the teacher and his experience from real projects, which is an invaluable experience for teaching, 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..... And that is the power of knowledge.

At the top

- But as you continue to "climb" and therefore your horizons will expand
- 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.

$$\mathcal{L} = \oint E \cdot dt$$

$$f(w) = \int_{-\infty}^{\infty} f(x) e^{-2\pi i x w} dx \frac{dt}{d\omega}$$

$$\rho \left(\frac{\partial v}{\partial t} + v \cdot \nabla v \right) = -\nabla p + \nabla T + f$$

$$H = -\sum p(x) \log p(x)$$

$$\frac{1}{2} G^2 S^2 \frac{\partial^2 V}{\partial S^2} + r S \frac{\partial V}{\partial S} + \frac{\partial V}{\partial t} - r V = 0$$

$$TC(Q, q, m) = \sum_{i=1}^n \left[\frac{D_i}{m \cdot q_i} S_i + c_i \cdot D_i + \frac{q_i \cdot H_i \cdot v}{2} \left(m_i \left(1 - \frac{D_i}{P_i} \right) - 1 \right) \frac{D_i}{P_i} \right] +$$

$$\left[\frac{d \Delta p(s, \phi)}{d \phi} \right] = \begin{bmatrix} \gamma & -\delta \\ -\beta & 0 \end{bmatrix} \begin{bmatrix} \Delta p(s, \phi) \\ \Delta M(s, \phi) \end{bmatrix}$$

$$\int_0^{\pi/2} (\log \sin x)^2 dx = \frac{\pi}{2} \left\{ \frac{\pi^2}{12} + (\log 2)^2 \right\}$$



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

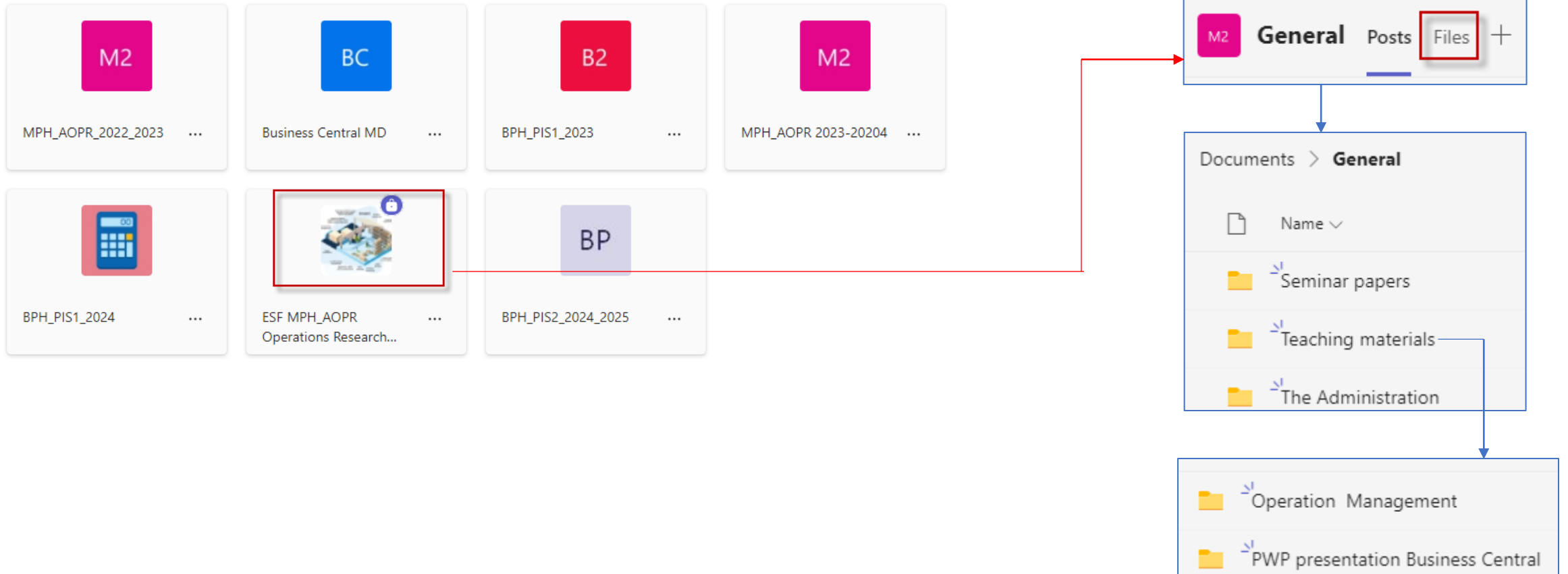
Recommended to study until: 26.09.2022

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.

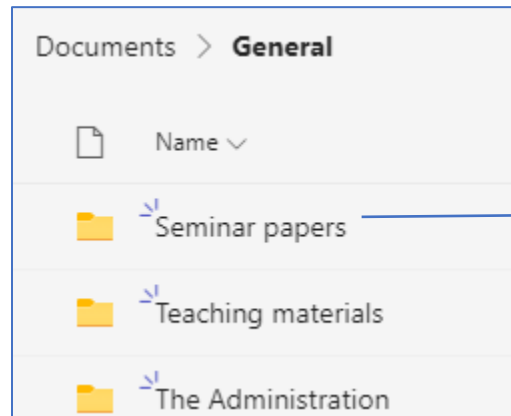
The organisation of teaching materials MS TEAMS

II



The organisation of teaching materials MS TEAMS

III














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	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
ANDREW KABI KIZITO
503572@muni.cz
503572

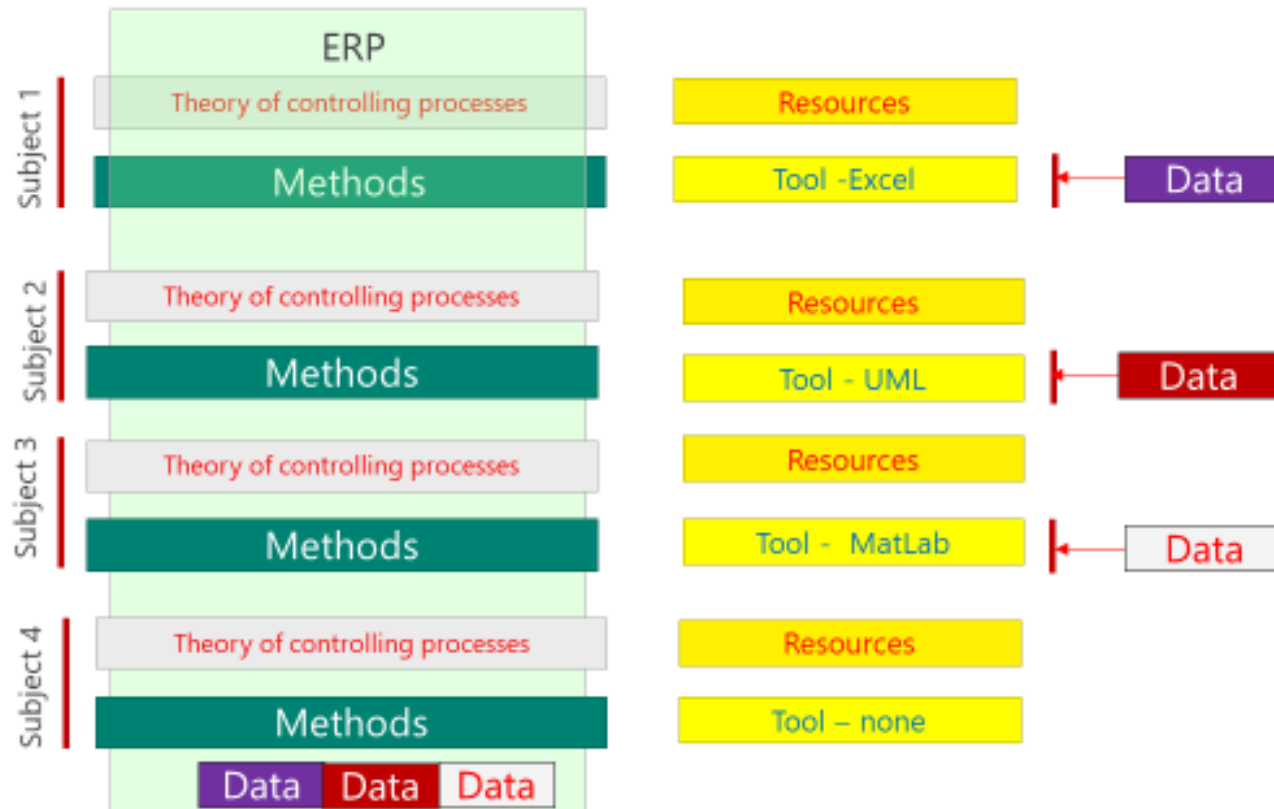
The organisation of teaching materials –MS TEAMS IV

Name	Title	Location	Role
 Mohammad Wadud Miah	student - Ekonomicko-správní fakulta		Member
 Jesus Aleman	student - Ekonomicko-správní fakulta		Member
 Gulaya Musayeva	student - Ekonomicko-správní fakulta		Member
 Andrea Pacheco Vargas	student - Ekonomicko-správní fakulta		Member
 Kushagra Bhatnagar	student - Ekonomicko-správní fakulta		Member
 Hanyu Zhang	student - Ekonomicko-správní fakulta		Member
 Aaron Wedlich	student - Ekonomicko-správní fakulta		Member
 Leyla Shahvaladova	student - Ekonomicko-správní fakulta		Member
 Md Safiqul Islam	student - Ekonomicko-správní fakulta		Member
 Jad Hamze	student - Ekonomicko-správní fakulta		Member
 Tausif Ahmed	student - Ekonomicko-správní fakulta		Member

Operation Management Process

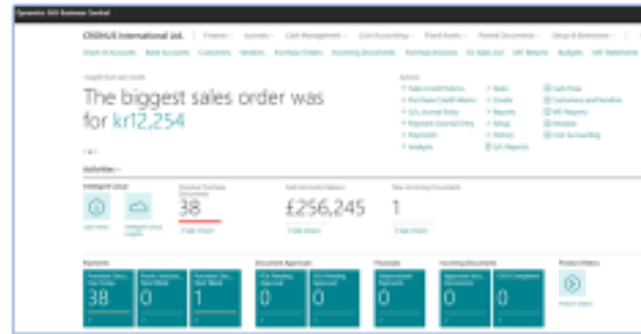
- An operations process is simply defined as **the organizational method for getting a task accomplished.**
- It consists of four distinct primary activities, which are :
 - **Planning**
 - Preparing
 - **Executing**
 - **Assessing**

Benefits arising from the use of ERP in teaching at the faculty

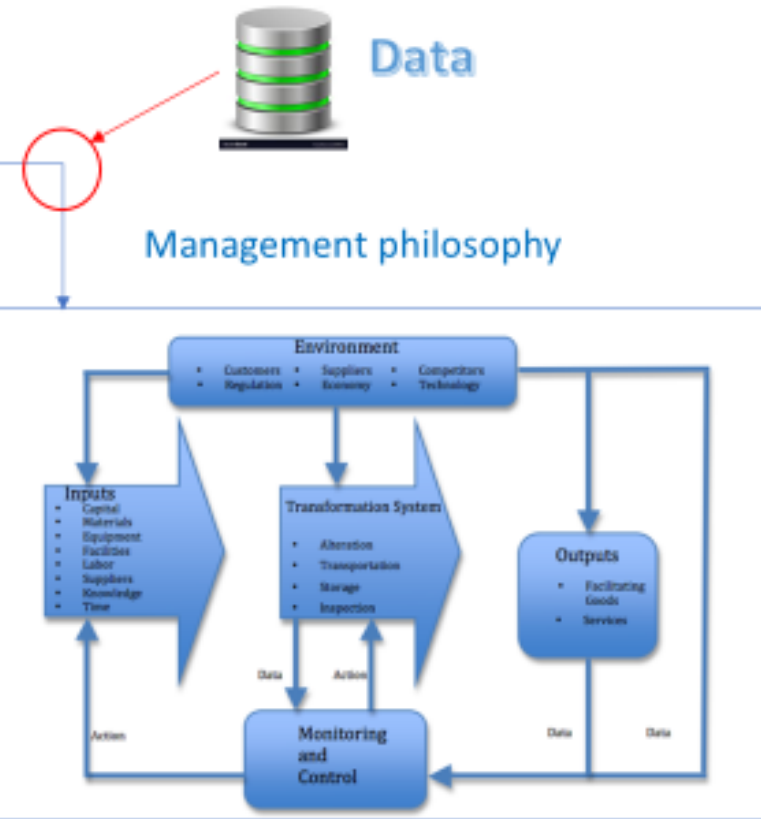


View across all companies

Principles



Information technology



Feedback

- 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.

NAVERTICA, the company that runs support Business Central at our faculty has a main goal : Better Bottom Line

NAVERTICA
A BETTER BOTTOM LINE

Vertical Solutions Products and Applications Services People and career About us CZ | EN HelpDesk PartnerPoint

Since 1990

Microsoft Partner
Gold Enterprise Resource Planning
Gold Data Analytics
Silver Cloud Platform
Silver Small and Midmarket Cloud Solutions
Silver Application Integration

Improve your results with us!

We will help you optimize your business processes.
We will be happy to advise you on the digitization of the company, the deployment of Microsoft 365 and cloud services.

ERP
Document Management System
AI
CRM
BI

One last question : what is the Better Bottom line ?

Explanation of the term bottom line

- **Reason** : the term was already used and will be used later in the texts
- **Financial Context**: It refers to the final line in a **company's financial statement**, showing the net profit or loss after all expenses have been deducted. Basically, it is the company's total earning or losses
- **General Context**: It can also mean the most important or fundamental aspect of a situation. For example, when someone says, "The main point is that we need more resources," they mean that the most important point is the need for more resources.

