

Dynamics	Dynamics		
AOMA_ERP	AOPR_ERP	AOMA Theory	AOPR Theory
			Basics of Operation Management and Theory of Constraints I -1
Introduction	Introduction	Basics of Operation Management and Theory of Constraints I - 1	
		Theory of Constraints II and Critical chain (comparing to chosen project management methods) -first part - 2	Theory of Constraints II and Critical chain (comparing to chosen project management methods) -first part - 2
Handling ERP	Handling ERP		
		Theory of Constraints II and Critical chain (comparing to chosen project management methods) -second part - 3	Theory of Constraints II and Critical chain (comparing to chosen project management methods) -second part - 3
Purchase	Purchase		
		Basics of Ishikawa and related Pareto analysis. Comparing thinking tool (especially Current Reality Tree) to Ishikawa FBD. Use of payoff tables and use of MaxiMax and MaxiMin for decision making. -4	Basics of Ishikawa and related Pareto analysis. Comparing thinking tool (especially Current Reality Tree) to Ishikawa FBD. Use of payoff tables and use of MaxiMax and MaxiMin for decision making. -4
Sales	Sales		
		Basics of logistics (safety stock, item replenishment, reorder point, EOQ, ABC and VED) - NAV 2016 Examples - 5	Basics of logistics (safety stock, item replenishment, reorder point, EOQ, ABC and VED) - NAV 2016 Examples - 5
Transfers	Transfers		Basics of production and related algorithms such as MRP,MRP-II and JIT and use of it in NAV 2016 -6
		Boston matrix and Magic Gartner matrix and SWOT - 7	Boston matrix and Magic Gartner matrix and SWOT - 7
		Balanced scorecard and all related methods which create a theoretical frame of this course. -8	Balanced scorecard and all related methods which create a theoretical frame of this course. - 8
Pur-Trans-Sal	Pur-Trans-Sal		Warehouse management and its expamples in NAV 2016 - 9
			Little's law and related examples -10
		Business Intelligence Basics - 11	Business Intelligence Basics - 11
		Workflow principles - use of it in NAV 2017 and Drum-Buffer-Rope principles -12	Workflow principles - use of it in NAV 2017 and Drum-Buffer-Rope principles -12
Payment	Payment		Linear programming (solved tasks related to cutting and production mix) - with use of Solver in Excel spreadsheet -13
		Workflow principles - use of it in NAV 2017 and Drum-Buffer-Rope principles -14	Workflow principles - use of it in NAV 2017 and Drum-Buffer-Rope principles -14
CRM I	CRM I		Decision trees -basics - already created - 15
			Yield management basics - already created - 16
		Decision making tools (Kepner-Tregoe method )-17	Decision making tools (Kepner-Tregoe method )-17
Analysis	Analysis		Total Quality Management -18
		Presentation of seminar work -19	Presentation of seminar work -19
		Presentation of seminar work -20	Presentation of seminar work -20
Revision	Revision	Revisions – workshop (FAQ) -21	Revisions – workshop (FAQ) -21
		Revisions – workshop (FAQ) -22	Revisions – workshop (FAQ) -22
Revision	Revision	Revisions – workshop (FAQ) -23	Revisions – workshop (FAQ) -23
		Reserve	Reserve
		Reserve	Reserve
		Exams - 24	Exams - 24
		Exams - 25	Exams - 25
Dynamics	Dynamics	AOMA Theory	AOPR Theory



Session	Day	Date	AOMA_T	AOPR_T	Dynamics	Dynamics	AOMA Theory
					AOMA_ERP	AOPR_ERP	
1	Monday	18/9/17		1			
1	Wed	20/9/17	1		Introduction	Introduction	Basics of Operation Management and Theory of Constraints I - 1
2	Monday	25/9/17	2	2			Theory of Constraints II and Critical chain (comparing to chosen project management methods) -first part - 2
2	Wed	27/9/17	2	2	Handling ERP	Handling ERP	
3	Monday	2/10/17	3	3			Theory of Constraints II and Critical chain (comparing to chosen project management methods) -second part - 3
3	Wed	4/10/17	3	3	Purchase	Purchase	
4	Monday	9/10/17	4	4			Basics of Ishikawa and related Pareto analysis. Comparing thinking tool (especially Current Reality Tree) to Ishikawa FBD. Use of payoff tables and use of MaxiMax and MaxiMin for decision making. -4
4	Wed	11/10/17	4	4	Sales	Sales	
5	Monday	16/10/17	5	5			Basics of logistics (safety stock, item replenishment, reorder point, EOQ, ABC and VED) - NAV 2016 Examples - 5
5	Wed	18/10/17		6	Transfers	Transfers	
6	Monday	23/10/17	7	7			Boston matrix and Magic Gartner matrix and SWOT - 7
6	Monday	23/10/17	8	8			Balanced scorecard and all related methods which create a theoretical frame of this course. -8
6	Wed	25/10/17		9	Pur-Trans-Sal	Pur-Trans-Sal	
6	Wed	25/10/17		10			
7	Monday	30/10/17	11	11			Business Intelligence Basics - 11
7	Monday	30/10/17	12	12			Workflow principles - use of it in NAV 2017 and Drum-Buffer-Rope principles -12
7	Wed	1/11/17		13	Payment	Payment	
8	Monday	6/11/17	14	14			Workflow principles - use of it in NAV 2017 and Drum-Buffer-Rope principles -14
8	Wed	8/11/17		15	CRM I	CRM I	
8	Wed	8/11/17		16			
9	Monday	13/11/17	17	17			Decision making tools (Kepner-Tregoe method )-17
9	Wed	15/11/17		18	Analysis	Analysis	

9	Wed	15/11/17	19	19			Presentation of seminar work -19
11	Monday	20/11/17	20	20			Presentation of seminar work -20
12	Wed	22/11/17	21	21	Revision	Revision	Revisions – workshop (FAQ) -21
13	Monday	27/11/17	22	22			Revisions – workshop (FAQ) -22
13	Wed	29/11/17	23	23	Revision	Revision	Revisions – workshop (FAQ) -23
14	Monday	4/12/17	reserve	reserve			Reserve
14		6/12/17	reserve	reserve			Reserve
15	Monday	11/12/17	24	24			Exams - 24
15		13/12/17	25	25			Exams - 25
					Dynamics	Dynamics	AOMA Theory

## AOPR Theory

Basics of Operation Management and Theory of Constraints I -1

Theory of Constraints II and Critical chain (comparing to chosen project management methods) -first part - 2

Theory of Constraints II and Critical chain (comparing to chosen project management methods) -second part - 3

Basics of Ishikawa and related Pareto analysis. Comparing thinking tool (especially Current Reality Tree) to Ishikawa FBD. Use of payoff tables and use of MaxiMax and MaxiMin for decision making. -4

Basics of logistics (safety stock, item replenishment, reorder point, EOQ, ABC and VED) - NAV 2016 Examples - 5

Basics of production and related algorithms such as MRP,MRP-II and JIT and use of it in NAV 2016 -6

Boston matrix and Magic Gartner matrix and SWOT - 7

Balanced scorecard and all related methods which create a theoretical frame of this course. -8

Warehouse management and its examples in NAV 2016 - 9

Little's law and related examples -10

Business Intelligence Basics - 11

Workflow principles - use of it in NAV 2017 and Drum-Buffer-Rope principles -12

Linear programming (solved tasks related to cutting and production mix) - with use of Solver in Excel spreadsheet -13

Workflow principles - use of it in NAV 2017 and Drum-Buffer-Rope principles -14

Decision trees -basics - already created - 15

Yield management basics - already created - 16

Decision making tools (Kepner-Tregoe method )-17

Total Quality Management -18

Presentation of seminar work -19
Presentation of seminar work -20
Revisions – workshop (FAQ) -21
Revisions – workshop (FAQ) -22
Revisions – workshop (FAQ) -23
Reserve
Reserve
<b>Exams - 24</b>
<b>Exams - 25</b>
<b>AOPR Theory</b>



Yes-morning I	12:55
Yes-evening I	16:20
Yes-evening II	12:55
Yes-evening I	18:00

Session	Day	Date	AOMA_T	AOPR_T	Dynamics AOMA_ERP	Dynamics AOPR_ERP	AOMA Theory	AOPR Theory	AOMA_ERP	AOPR_ERP	AOPR_additional subjects	AOMA-AOPR theory
1	Monday	18/9/17		1				Yes-morning I				1
1	Wed	20/9/17	1		Introduction	Introduction	Yes-evening I		Yes-evening II	Yes-morning I		1
2	Monday	25/9/17	2	2								
2	Wed	27/9/17	2	2	Handling ERP	Handling ERP	Yes-evening I	Yes-evening I	Yes-evening II	Yes-morning I		2
3	Monday	2/10/17	3	3								
3	Wed	4/10/17	3	3	Purchase	Purchase	Yes-evening I	Yes-evening I	Yes-evening II	Yes-morning I		3
4	Monday	9/10/17	4	4								
4	Wed	11/10/17	4	4	Sales	Sales	Yes-evening I	Yes-evening I	Yes-evening II	Yes-morning I		4
5	Monday	16/10/17	6	6				Yes-morning I			Production theory- 6	
5	Wed	18/10/17	5	5	Transfers	Transfers	Yes-evening I	Yes-evening I	Yes-evening II	Yes-morning I		5
6	Monday	23/10/17	9	9				Yes-morning I			Warehouse management basics -9	
6	Monday	23/10/17	10	10				Yes-morning I			Little's law-10	
6	Wed	25/10/17	7-8	7-8	Pur-Trans-Sal	Pur-Trans-Sal	Yes-evening I	Yes-evening I	Yes-evening II	Yes-morning I	Warehouse management practice -9	7 and 8
7	Monday	30/10/17	13	13				Yes-morning I			Linear programming basics -13	
7	Wed	1/11/17	11	11	Payment	Payment	Yes-evening I	Yes-evening I	Yes-evening II	Yes-morning I		11
8	Monday	6/11/17		15				Yes-morning I			Decision trees-basic use -15	
8	Monday	6/11/17		16				Yes-morning I			Yield management -16	
8	Wed	8/11/17	12,14	12,14	CRM I	CRM I	Yes-evening I	Yes-evening I	Yes-evening II	Yes-morning I		12 and 14
9	Monday	13/11/17		18				Yes-morning I			Total quality management -18	
9	Wed	15/11/17	17	17	Analysis	Analysis	Yes-evening I	Yes-evening I	Yes-evening II	Yes-morning I		17
9	Wed	15/11/17	19	19								
11	Monday	20/11/17	20	20								
12	Wed	22/11/17	21	21	Revision	Revision						
13	Monday	27/11/17	22	22								
13	Wed	29/11/17	23	23	Revision	Revision						
14	Monday	4/12/17	reserve	reserve								
14		6/12/17	reserve	reserve								
15	Monday	11/12/17	24	24								
15		13/12/17	25	25								
					Dynamics	Dynamics	AOMA Theory	AOPR Theory	AOMA Theory	AOPR Theory		





Lekce	To be done	Datum	Problematika	ST.mat	Study Mat	Příklad WORD
1		18/9/17	Tabulky, filtry, modifikace prostředí, ERP a jeho principy	A		
1		18/9/17	Introduction to OM, NAV nothing simpler, bezpečnost systému (práva, ..)			
1		18/9/17	Nákup a prodej (2 položky dovnitř-nákup a jedna ven- prodej za různé ceny)			
2		25/9/17	Vyrovnaní ve skladu- základy - příprava na adjustace -pevné vyrovnaní	A	A	
2		25/9/17	Křížové odkazy, náhrady, rozšířené texty	A	A	
2		25/9/17	Skladové jednotky (Stock keeping units) a úvod do sešitu požadavků	A	A	
2		25/9/17	Hromadné objednávky (blanket orders)	A	A	
3		2/10/17	Přímé dodávky (drop shipment)	A	A	
3		2/10/17	Neskladové zboží (non stock items)	A	A	
3		2/10/17	(Lots,Batches) -Dávky a jejich sledování , Item tracking	A	A	
4		9/10/17	Item charges	A	A	
4		9/10/17	Kombinované dodávky (Combined Shipment)	A	A	
4		9/10/17	Upomínky a penále	A	A	A
5		16/10/17	Return Management -Vratky	A	A	
5		16/10/17	Credit memo (dobropisy) - vazba na Vratky (Return Management)	A	A	
5		16/10/17	Očekávané náklady (Expected costs) - new	A	A	
6		23/10/17	Costing methods			A
6	A	23/10/17	Finanční žurnály -opakování II			
6	A	23/10/17	Adjustace (Cost adjustment) - není v otázkách, bude doplněno			
7		30/10/17				
7		30/10/17	Requisition worksheet	A	A	A
7		30/10/17	Rezervace	A	A	A
8		6/11/17	Warehouse Management			
8	A	6/11/17	Rozpočty (budgets) - English PWP with 2016w1 will be used			
8		6/11/17	Výroba - základ			
8		6/11/17	Transfers of Items			
9	A	13/11/17	Příklad na Účetní schémata- opakování (15.5.2017)			
9		13/11/17	ATP-CTP (Available to Promise -Lze) - (Capable to Promise - Možné)- new	A		A
9		13/11/17	Prodejní analýzy - workflow -new			
9		13/11/17	Dimenze - Schvalování			
9		13/11/17	Discounts			
10		20/11/17	Komplexní příklad (prodej-plán-nákup-item charges, výroba,....)			
10		20/11/17	Detailed Customer and Vendor entries- basic principles			

11		27/11/17	Sešit vyrovnání (Application worksheet (do otázek se doplní )-2 verze			A
11		27/11/17	Assembly orders			
12		4/12/17	CRM			
12	A	4/12/17	Cost Management <b>(new)</b>			
13		11/12/17	Revision nebo komplexní příklad			
13		11/12/17	Revision nebo komplexní příklad			

Zkontrolovat otázky !!!!

475

PIS2	Created	Slides	Provedeno %	PIS1	Co zatím není v plánu
A					
				A	Sešit prodejní ceny
A				A	Opravy s pomocí sešitu vyrovnání
A	9/25/2017	14	100		
A	9/20/2017	11	100		Filtrace
A	9/20/2017	10	100		Nastavení
A	9/20/2017	24	100		EPR a proč
A	9/21/2017	26	100		Zdrojové tabulky, objekty
A	9/26/2017	15	100		Nastavení, Cue cards- úvod
A	9/22/2017	29	100		Cost management
A	9/27/2017	21	100		Výroba
A	10/2/2017	15	100		Plánování výroby
A	10/4/2017	30	100		MRP
A	10/5/2017	22	100		Workflow-základy
A	10/10/2017	20	100		Document approval settings and use
A	10/9/2017	15	100		Requisition worksheet principles
A	10/12/2017	22	100		ATP-CTP
				A	Schvalování
					Warehouse Management
A					Účetní schémata- II
A	10/25/2017	17	100		Detailní položky
A	10/17/2017	15	100		Adjustace
A	10/27/2017	30	100		Assembly orders
	11/20/2017	14		A	Adjustace
A	11/8/2017	47			Sešit vyrovnání
				A	Příklad na costing methods
				A	Rozpočty
A	10/20/2017	15	100		
				A	
				A	
				A	
A	11/1/2017	15			



Session	Date	AOMA Theory	AOPR Theory - is.muni.cz
1	18/9/17	Basics of Operation Management and Theory of Constraints I	Balanced scorecard
1	18/9/17		
1	18/9/17		
2	25/9/17	Theory of Constraints II and Critical chain (comparing to chosen project management methods) -first part	
2	25/9/17		
2	25/9/17		
3	2/10/17	Theory of Constraints II and Critical chain (comparing to chosen project management methods) -second part	Theory of Constraints and Critical chain (comparing to chosen project management methods)
3	2/10/17		
3	2/10/17		
4	9/10/17	Basics of Ishikawa and related Pareto analysis. Comparing thinking tool (especially Current Reality Tree) to Ishikawa FBD. Use of payoff tables and use of MaxiMax and MaxiMin for decision making.	Basics of production and related algorithms such as MRP,MRP-II and JIT
4	9/10/17		
4	9/10/17		
5	16/10/17	Basics of logistics (safety stock, item replenishment, reorder point ,EOQ, ABC and VED)-NAV 2016 Examples	Basics of logistics (safety stock, item replenishment, reorder point ,EOQ,ABC)
5	16/10/17		
5	16/10/17		
6	23/10/17	Boston matrix and Magic Gartner matrix and SWOT	Total quality management, Six sigma, Pareto and Ishikawa
6	23/10/17	Balanced scorecard and all related methods which create a theoretical frame of this course.	
6	23/10/17		
7	30/10/17	<b>Business Intelligence Basics</b>	TQM (Kaizen, Deming, Little's law)
7	30/10/17		
8	6/11/17	<b>Workflow principles</b> - use of it in NAV 2017 and Drum-Buffer-Rope principles	Linear programming (solved tasks related to cutting and production mix)
8	6/11/17		
8	6/11/17		

8	6/11/17		
9	13/11/17	Decision making tools (Kepner-Tregoe method ).	Basics of Yield management
9	13/11/17		
9	13/11/17		
9	13/11/17		
9	13/11/17		
10	20/11/17	Presentation of seminar work	Decision making tools (Kepner-Tregoe method )
10	20/11/17		
11	27/11/17		Basics of prospect theory
11	27/11/17		
12	4/12/17	Presentation of seminar work	Business Intelligence
12	4/12/17		
13	11/12/17	Revisions – workshop (FAQ)	Revisions I – workshop (FAQ)
13	11/12/17		
		<b>AOMA Theory</b>	<b>AOPR Theory - is.muni.cz</b>

AOPR Theory - after_modifications	% Dissimilarity	File	Examples	Done %
Basics of Operation Management and Theory of Constraints I				
Theory of Constraints II and Critical chain (comparing to chosen project management methods) -first part				
Theory of Constraints II and Critical chain (comparing to chosen project management methods) -second part				
Basics of logistics (safety stock, item replenishment, reorder point ,EOQ,ABC and VED) - NAV 2016 examples				
Basics of production and related algorithms such as MRP,MRP-II and JIT and use of it in NAV 2016 - <b>still have to be created</b>				
Basics of Ishikawa and related Pareto analysis. Comparing thinking tool (especially Current Reality Tree) to Ishikawa FBD. Use of payoff tables and use of MaxiMax and MaxiMin for decision making.				
Warehouse management and its expamples in NAV 2016				
Linear programming (solved tasks related to cutting and production mix) - with use of Solver in Excel spreadsheet - <b>still have to be created or modified</b>				
Little´s law and related examples <b>modification is expected</b>				
Decision trees -basics - <b>already created</b>				



<b>Yield management basics - already created</b>				
Decision making tools (Kepner-Tregoe method )				
Presentation of seminar work				
Revision workshop II. (FAQ)				
<b>AOPR Theory - after_modifications</b>				





BPH\_PIS2\_2017\_2018\_RTC database MS Dynamics NAV 2016 CZE

Lekce	Datum	Problematika	Soubor	Příklad	Vytvořeno %	PIS1	Co zatím není v plánu
1	18/9/17	Tabulky, filtry, modifikace prostředí, ERP a jeho principy				A	
1	18/9/17	Introduction to OM, NAV nothing simpler, bezpečnost systému (práva, ..)				A	Sešit prodejní ceny
1	18/9/17	Nákup a prodej (2 položky dovnitř-nákup a jedna ven- prodej za různé ceny)				A	Opravy s pomocí sešitu vyrovnání
2	25/9/17	Křížové odkazy, náhrady, rozšířené texty					Filtrace
2	25/9/17	Skladové jednotky (Stock keeping units)					Nastavení
2	25/9/17	Hromadné objednávky (blanket orders)					ERP a proč
3	2/10/17	Přímé dodávky (drop shipment)			100		Zdrojové tabulky, objekty
3	2/10/17	Neskladové zboží (non stock items)					Nastavení, cue cards
3	2/10/17	(Lots,Batches) -Dávky a jejich sledování , Item tracking					Cost management
4	9/10/17	Item charges					Výroba
4	9/10/17	Kombinované dodávky (Combined Shipment)					Plánování výroby
4	9/10/17	Upomínky a penále					MRP-sešit požadavků
5	16/10/17	Return Management			100		Workflow-základy
5	16/10/17	Costing Methods					Document approval -settings
5	16/10/17	Credit memo (dobropisy)					Requisition worksheet principles
6	23/10/17	Očekávané náklady (Expected costs)					Účetní schémata doplnění
6	23/10/17	Finanční žurnály -opakování I - bude rozšířeno				A	Prodejní analýzy
6	23/10/17	Adjustace (Cost adjustment) -základy					Schvalování
7	30/10/17	Warehouse Management					ATP-CTP
7	30/10/17	Finanční žurnály- bylo probíráno v PIS1 a opakováno v PIS2				A	
8	6/11/17	Warehouse Management					
8	6/11/17	Rozpočty					
8	6/11/17	Schvalování					
8	6/11/17	ATP-CTP (Available -To-Promise and Capable-To-Promise)			100		
8	6/11/17	Transfers of items				A	
9	13/11/17	Příklad na Účetní schémata- opakování - bude rozšířeno			100		
9	13/11/17	Výroba- základ (BOM,Routings,....)					
9	13/11/17	Prodejní analýzy					
9	13/11/17	Dimenze - opakování + Workflow				A	
9	13/11/17	Discounts				A	
10	20/11/17	Komplexní příklad I (prodej-plán-nákup-item charges, výroba,....)					
10	20/11/17	Komplexní příklad II (např. Correcting wrong posting)					
11	27/11/17	Application worksheet - není v databázi a ani v otázkách					
11	27/11/17	Adjustace - dokončení toho co jsme dělali 24.10.2016					
12	4/12/17	CRM				A	
12	4/12/17	Cost management					
13	11/12/17	Revision nebo komplexní příklad					
13	11/12/17	Revision nebo komplexní příklad					



BPH\_PIS2\_2016\_Classic database MS Dynamics NAV 2009

Lekce	Datum	Problematika	Soubor	Příklad	Provedeno %
1	19/9/16	Introduction to OM, NAV nothing simpler, bezpečnost systému (práva, ..)	NAV-NS_IV		ANO
1	19/9/16	Nákup a prodej (2 položky dovnitř-nákup a jedna ven- prodej za různé ceny)			ANO
2	26/9/06	Křížové odkazy, náhrady, rozšířené texty	V	ANO	ANO
2	26/9/06	Skladové jednotky (Stock keeping units)	VIII		ANO
2	26/9/06	Hromadné objednávky (blanket orders)	VI	ANO	ANO
3	3/10/16	Přímé dodávky (drop shipment)	VII	ANO	ANO
3	3/10/16	Neskladové zboží (non stock items)	XII		ANO
3	3/10/16	(Lots,Batches) -Dávky a jejich sledování , Item tracking	XV	ANO	ANO
4	10/10/16	Item charges	XIV	ANO	ANO
4	10/10/16	Kombinované dodávky (Combined Shipment)	XX		ANO
4	10/10/16	Upomínky a penále	XVIII	ANO	ANO
5	17/10/16	Return Management	XIX	ANO	ANO
5	17/10/16	Costing Methods	XXXI	ANO	ANO
5	17/10/16	Credit memo (dobropisy)	XVII	ANO	ANO
6	24/10/16	Očekávané náklady (Expected costs)	XXXII	ANO	ANO
6	24/10/16	Finanční žurnály -opakování I	XIII	ANO	ANO
6	24/10/16	Adjustace (Cost adjustment) - není v otázkách, pouze jsme to dělali	XXVII	Nebyl dodán	ANO
7	31/10/16	Warehouse Management -bude dokončen 4.11.	XI	ANO	ANO
7	31/10/16	Finanční žurnály	XIII	ANO	ANO
8	7/11/16	WHM opakování bude vytvořen 7.11.	XI	ANO	ANO
8	7/11/16	Rozpočty	XXII	ANO	ANO
8	7/11/16	Transfers of items	IX	ANO	ANO
9	14/11/16	Příklad na Účetní schémata- opakování	XXI	ANO	ANO
9	14/11/16	Výroba- základ (BOM,Routings,...) - opakování	XXVI		ANO
9	14/11/16	Dimenze	Bez čísla		ANO
10	21/11/16	Komplexní příklad I (prodej-plán-nákup-item charges, výroba,...)	Dodělat zadání		
10	21/11/16	Komplexní příklad II (např. Correcting wrong posting)	Dodělat zadání		
11	28/11/16	Application worksheet - není v databázi a ani v otázkách	XXX		
11	28/11/16	Adjustace - dokončení toho co jsme dělali 24.10.2016			
12	5/12/16				
12	5/12/16				
13	12/12/16	Revision nebo komplexní příklad			

13	12/12/16	Revision nebo komplexní příklad			
			Dodělat zadání		

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