Study plan

Name of study plan: Process Management, kombinovaná forma, AR 2022/2023

Faculty/Institute/Others:

Department:

Branch of study guaranteed by the department: Welcome page

Garantor of the study branch:

Program of study: Innovation Project Management

Type of study: Follow-up master combined

Required credits: 120 Elective courses credits: 0 Sum of credits in the plan: 120

Note on the plan:

Name of the block: Compulsory courses Minimal number of credits of the block: 81

The role of the block: Z

Code of the group: PRM K 1S 22/23 PV

Name of the group: Povinné p edm ty, 1. semestr, Process Management, kombinovaná forma, AR 2022/2023

Requirement credits in the group: In this group you have to gain at least 24 credits

Requirement courses in the group: In this group you have to complete at least 4 courses

Credits in the group: 24 Note on the group:

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
K63C2301	Controlling Arnošt Klesla	Z,ZK	6	20B		Z
K16C1401	Innovation Marketing Tomáš Sadílek Tomáš Sadílek (Gar.)	Z,ZK	6	20B		Z
K16C1201	Project Management Petr Fanta	Z,ZK	6	20B		Z
K63C1301	Corporate Financial Management Arnošt Klesla	Z,ZK	6	20B		Z

Characteristics of the courses of this group of Study Plan: Code=PRM K 1S 22/23 PV Name=Povinné p edm ty, 1. semestr, Process Management, kombinovaná forma, AR 2022/2023

K63C2301	Controlling	Z,ZK	6				
K16C1401	Innovation Marketing	Z,ZK	6				
K16C1201	Project Management	Z,ZK	6				
K63C1301	Corporate Financial Management	Z,ZK	6				
The course provides a comprehensive view of long-term development of the company in terms of financial planning and management. It assumes a knowledge of financial analysis							
and long-term financing	and long-term financing ontions. The base is in a complex planning and predicting the future. A significant area is dedicated to all stages of the investment process						

Code of the group: PRM K 2S 22/23 PV

Name of the group: Povinné p edm ty, 2. semestr, Process management, kombinovaná forma

Requirement credits in the group: In this group you have to gain at least 18 credits

Requirement courses in the group: In this group you have to complete at least 4 courses

Credits in the group: 18

Note on the group:

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
K63C2302	Financial Law	ZK	3	12B		Z
K63C2201	Macroeconomic Theory Petr Makovský	ZK	3	24B	L	Z

K16E2202	Project Technology Management Marek Jemala	ZK	6	20B	Z
K63C1102	Statistical Analysis Tomáš Löster Tomáš Löster (Gar.)	Z,ZK	6	32B	Z

Characteristics of the courses of this group of Study Plan: Code=PRM K 2S 22/23 PV Name=Povinné p edm ty, 2. semestr, Process management, kombinovaná forma

K63C2302	Financial Law	ZK	3
K63C2201	Macroeconomic Theory	ZK	3
K16E2202	Project Technology Management	ZK	6

Technology project management means not only decisions about one's own technological research, innovative cooperation, or technology transfer. Technological innovations, especially in production, have long tied up company resources, and poor decisions can pose significant financial problems for most companies. Therefore, it is necessary to examine the preparatory, implementation, and commercial activities of technology management in a more comprehensive form. Technology project management is more goal-oriented, time-bound, and has a project organizational structure and budget. After completing the course, students should answer the following framework topics: define the nature, importance, and key functions of project technology management with a focus on the analysis of technological trends, risks, and opportunities, innovation radar, and technology assessment. Explain the relationships of business management to the development of the product, production, and service technologies. Characterize the process of technological forecasts, foresight, and creation of the technology strategy of the company. Explain creating a project plan for implementing new technology. Clarify the importance of the necessary protection of technological intellectual property and the need to commercialize their own technologies at the level of industry, region, or state.

K63C1102Statistical AnalysisZ,ZK6

Code of the group: PRM K 3S 22/23 PV

Name of the group: Povinné p edm ty, 3. semestr, Process management, kombinovaná forma

Requirement credits in the group: In this group you have to gain at least 21 credits

Requirement courses in the group: In this group you have to complete at least 5 courses

Credits in the group: 21

Note on the group:

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
K63C3201	Macroeconomic Theory Theodor Beran	ZK	3	24B		Z
32MC-K-MACT-01	Macroeconomic Theory Theodor Beran	ZK	3	24B		Z
32MC-K-PJDP-01	Diploma Thesis Project Petr Vym tal Petr Vym tal Petr Vym tal (Gar.)	Z	0	2B		Z
K00C3101	Diploma Thesis Project Petr Vym tal	Z	0	2B		Z
K16C3103	Decision Analysis Lucie Plzáková	Z,ZK	6	20B	Z	Z
32MC-K-ROAN-01	Decision Analysis Ji í Zmatlík Ji í Zmatlík (Gar.)	Z,ZK	6	20B		Z
K16C3102	Innovation Management and Innovation Project Tomáš Sadílek	Z,ZK	6	20B		Z
32MC-K-RIIP-01	Innovation Management and Innovation Project Tomáš Sadílek	Z,ZK	6	20B		Z
32MC-K-STRR-01	Strategic Management Tomáš Sadílek, Dana Zadražilová, Vladimíra Šilhánková Vladimíra Šilhánková Dana Zadražilová (Gar.)	Z,ZK	6	20B		Z
K16C3101	Strategic Management Dana Zadražilová	Z,ZK	6	20B		Z

Characteristics of the courses of this group of Study Plan: Code=PRM K 3S 22/23 PV Name=Povinné p edm ty, 3. semestr, Process management, kombinovaná forma

K63C3201	Macroeconomic Theory	ZK	3				
32MC-K-MACT-01	Macroeconomic Theory	ZK	3				
32MC-K-PJDP-01	Diploma Thesis Project	Z	0				
K00C3101	Diploma Thesis Project	Z	0				
K16C3103	Decision Analysis	Z,ZK	6				
32MC-K-ROAN-01	Decision Analysis	Z,ZK	6				
The aim of the subject [Decision Analysis is to acquaint students with the basic methods of decision-making in technical and economic, to use appropriate the control of the control	oriate tools within	decision-making				
processes.							
K16C3102	Innovation Management and Innovation Project	Z,ZK	6				
Concepts of innovation,	assumptions and barriers to innovation, sources of innovation, strategic considerations about innovation, process innovation	, product innovat	ion, service				
innovation, macroeconomic view of the role of innovation, organizational security and innovation management, soft methods and innovative techniques, systematic-analytical methods							
and innovative techniques, economic aspects of innovation, intellectual property of innovation and legal aspects.							
32MC-K-RIIP-01	Innovation Management and Innovation Project	Z,ZK	6				

32MC-K-STRR-01 Strategic Management

Z.ZK

6

The subject is focused on strategic planning and management, including the necessary contexts and links, as one of the main tools for long-term planning and direction of the organization as a whole or part of it (enterprise or institution of any type or even municipality, region or state). As part of teaching the subject, relevant case studies from practice will be used. In the center of attention are questions of competitiveness, competitive advantages, changes in the configuration of business processes and their influence on the process of integration of the Czech economy and Czech companies into global trade.

K16C3101 Strategic Management

Z,ZK

6

Code of the group: PRM K 4S 22/23 PV

Name of the group: Povinné p edm ty, 4. semestr, Process management, kombinovaná forma

Requirement credits in the group: In this group you have to gain at least 18 credits

Requirement courses in the group: In this group you have to complete at least 2 courses

Credits in the group: 18 Note on the group:

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
32MC-K-DIPR-01	Diploma Thesis Tomáš Sadílek, Tomáš Löster, Petr Vym tal, Ji í Zmatlík, Dana Zadražilová, Vladimíra Šilhánková, Miroslav Sponer, Michael Pond Ií ek, Dalibor Vytla il,	Z	12			Z
K00C4102	Diploma Thesis Petr Vym tal	Z	12			Z
32MC-K-PRIS-01	Designing of Information Systems Ji í Kaiser Ji í Kaiser Ji í Kaiser (Gar.)	Z,ZK	6	20B		Z
K63C4401	Project of Information System Ji i Kaiser	Z,ZK	6	20B	L	Z

Characteristics of the courses of this group of Study Plan: Code=PRM K 4S 22/23 PV Name=Povinné p edm ty, 4. semestr, Process management, kombinovaná forma

32MC-K-DIPR-01	Diploma Thesis	Z	12			
K00C4102	Diploma Thesis	Z	12			
32MC-K-PRIS-01	Designing of Information Systems	Z,ZK	6			
Fundamental terms, information systems architecture, basic types of software applications for information system of enterprise, information system lifecycle, approaches to information						
system development in	vstem development, management information systems, web audit, business process modeling using RPMN, UML and others, information system modeling - UML and data modeling					

system development, management information systems, web audit, business process modeling using BPMN, UML and others, information system modeling - UML and data modeling using ER diagrams

K63C4401 Project of Information System

Z,ZK 6

Name of the block: Povinné p edm ty zam ení

Minimal number of credits of the block: 18

The role of the block: PZ

Code of the group: PRM K 22/23 SP

Name of the group: Specializa ní p edm ty, Process management, kombinovaná forma

Requirement credits in the group: In this group you have to gain at least 18 credits

Requirement courses in the group:

Credits in the group: 18

Note on the group:

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Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
K16E2302	Business Process Management Petra Šeráková	Z,ZK	6	20B	L	PZ
K16E1302	Lean Manufacturing Marek Jemala	Z,ZK	6	20B		PZ
K16E3301	Six Sigma	ZK	3	10B		PZ
32ME-K-6SIG-01	Six Sigma	ZK	3	12B		PZ
K16E0501	Social Competences in Project and Process Management Petr Fanta Petr Fanta (Gar.)	Z	3	12B		PZ
32ME-K-SCOM-01	Social Competences in Project and Process Management Petr Fanta Petr Fanta (Gar.)	Z	3	12B		PZ

Characteristics of the courses of this group of Study Plan: Code=PRM K 22/23 SP Name=Specializa ní p edm ty, Process management, kombinovaná forma

K16E2302	Business Process Management	Z,ZK	6

K16E1302	Lean Manufacturing	Z,ZK	6				
As a result of completing this course, the student should be able to: Describe and explain the main significance, meaning, and functions of innovation management with a focus on							
Lean production applica	tions in the workplace. Explain the relationship between management, innovation management, and the main departments	of the company. C	haracterize				
pre-production, producti	on, and manufacturing processes and related Lean manufacturing innovation processes. Create an innovation strategy and	an innovation pro	ect with a focus				
on Lean. Clarify the imp	ortance of joint planning/forecasting of upcoming Lean products, services, and production technologies in the company. Etc.						
K16E3301	Six Sigma	ZK	3				
The course is aimed at	practical application of how the individual components (methods and techniques - mainly applied statistical methods and tech	niques) used in th	nis approach and				
a common application o	f these components throughout the DMAIC cycle (Define, Measure, Analyze, Improve, Control).						
32ME-K-6SIG-01	Six Sigma	ZK	3				
K16E0501	Social Competences in Project and Process Management	Z	3				
Social competencies, soft skills, typology, successful team management							
32ME-K-SCOM-01 Social Competences in Project and Process Management Z 3							
The course is focused on the development of skills in managing projects, processes, and people in the organization.							

Name of the block: Compulsory elective courses

Minimal number of credits of the block: 21

The role of the block: PV

Code of the group: PRM K 22/23 PVP

Name of the group: Povinn volitelné p edm ty, Process management, kombinovaná forma,

Requirement credits in the group: In this group you have to gain at least 12 credits

Requirement courses in the group:

Credits in the group: 12 Note on the group:

Note on the grou	•					
Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
K16E0201	Agile Bootcamp Dagmar Skokanová	KZ	3	24B		PV
32ME-K-AGBC-01	Agile BootCamp Dagmar Skokanová, Petr Fanta, Petra Jílková Dagmar Skokanová Dagmar Skokanová (Gar.)	KZ	3	24B		PV
K16C0101	Balanced Scorecard	Z,ZK	6	20B		PV
32MC-K-HOPO-01	Economic Policy Jan Mládek, Arnošt Mládek Arnošt Mládek Jan Mládek (Gar.)	Z,ZK	3	10B		PV
TUMQICW	Intercultural competencies for working in multicultural teams (Technical University of Munich, DEU)	ZK	1			PV
K63C0301	Valuation of Firm and Projects	Z,ZK	6	20B		PV
32MC-K-OTIK-01	Reflections of Technical Innovations in Culture Kate ina Tomešková Kate ina Tomešková (Gar.)	ZK	3	10B		PV
K66C0101	Reflections of Technical Innovations in Culture Kate ina Tomešková	ZK	3	12B		PV
32MC-K-IND4-01	Industry 4.0 Jan Mládek Jan Mládek Jan Mládek (Gar.)	Z,ZK	3	10B		PV
32MC-K-PBRL-01	Public Relations	Z,ZK	3	10B		PV
K65C0103	Public Relations	Z,ZK	3	12B		PV
K16E3301	Six Sigma	ZK	3	10B		PV

Characteristics of the courses of this group of Study Plan: Code=PRM K 22/23 PVP Name=Povinn volitelné p edm ty, Process management, kombinovaná forma.

management, kombinovana iornia,						
K16E3301	Six Sigma	ZK	3			
The course is aimed at practical application of how the individual components (methods and techniques - mainly applied statistical methods and techniques) used in this approach an						
a common application of these components throughout the DMAIC cycle (Define, Measure, Analyze, Improve, Control).						
K16E0201	Agile Bootcamp	KZ	3			
Agile Bootcamp course	teaches students the fundamentals of Design Thinking and other agile innovation principles. The course introduces three met	hods that work we	Il together within			
the same cross-function	al team: Design Thinking, Lean Startup and Agile across teams. In the main part, it will offer the right tools and techniques fo	or the design and	implementation			
of Design Sprints, including a practical test of the entire process.						
32ME-K-AGBC-01 Agile BootCamp KZ 3						
Agile Bootcamp course teaches students the fundamentals of Design Thinking and other agile innovation principles. The course introduces three methods that work well together within						
the same cross-functional team: Design Thinking, Lean Startup and Agile across teams. In the main part, it will offer the right tools and techniques for the design and implementation						
of Design Sprints, including a practical test of the entire process.						
K16C0101	Balanced Scorecard	Z,ZK	6			
32MC-K-HOPO-01	Economic Policy	Z,ZK	3			
The subject builds on the knowledge acquired in basic courses on economics. It introduces students to the system of economic policies as they are applied in the Czech Republic, the						

The subject builds on the knowledge acquired in basic courses on economics. It introduces students to the system of economic policies as they are applied in the Czech Republic, the European Union and the world. They will thus gain knowledge about a wide range of economic policies implemented in the Czech Republic and in the European Union, from the perspective of theory and practice, politics and economics.

TUMQICW	Intercultural competencies for working in multicultural teams (Technical University of Munich, DEU)	ZK	1		
K63C0301	Valuation of Firm and Projects	Z,ZK	6		
32MC-K-OTIK-01	Reflections of Technical Innovations in Culture	ZK	3		
The course is intended	for students of the Master's study program Project Management of Innovations. The teaching is aimed at gaining a wide rang	ge of knowledge fr	om the field of		
innovation processes, for the understanding and internalization of which a deep understanding of the connections between science and culture is an absolutely key.					
K66C0101	Reflections of Technical Innovations in Culture	ZK	3		
32MC-K-IND4-01	Industry 4.0	Z,ZK	3		
I. Annotation The subject "Industry 4.0" deals with the topic of the fourth industrial revolution, explains concepts, terms and trends in this area. It deals with the history of industrial					
revolutions, current trends as well as individual technological breakthroughs that are typical for Industry 4.0. It analyzes the effects of "Industry 4.0" on the economy and society as a					
whole. Last but not least, it deals with the role of the state in the creation of economic and industrial policy, the need for which is generated by "Industry 4.0".					
32MC-K-PBRL-01	Public Relations	Z,ZK	3		
K65C0103	Public Relations	Z,ZK	3		

Code of the group: PRM K 22/23 PVT

Name of the group: Povinn volitelné technické p edm ty, Process management, kombinovaná forma

Requirement credits in the group: In this group you have to gain at least 9 credits

Requirement courses in the group:

Credits in the group: 9 Note on the group:

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
K77C0007	Communication Systems and Networks Dušan Maga	ZK	3	12B		PV
K77C0003	Transportation Engineering Projects	ZK	3	12B		PV
K51C0401		Z	3	12B		PV
K77C0004	Smart Cities Technologies Martin Maštálka	ZK	3	12B		PV
K77C0009	Information Security Management and Implementation	ZK	3	12B		PV

Characteristics of the courses of this group of Study Plan: Code=PRM K 22/23 PVT Name=Povinn volitelné technické p edm ty, Process management, kombinovaná forma

K77C0007	Communication Systems and Networks	ZK	3	
K77C0003	Transportation Engineering Projects	ZK	3	
K51C0401		Z	3	
K77C0004	Smart Cities Technologies	ZK	3	
The subject Technology for smart cities introduces students to the cross-cutting issues of smart cities, the preparation of the Smart City concept and its planning procedure and indicator				
K77C0009	Information Security Management and Implementation	ZK	3	

List of courses of this pass:

Code	Name of the course	Completion	Credits				
32MC-K-DIPR-01	Diploma Thesis	Z	12				
32MCKH0P001	Economic Policy	Z,ZK	3				
The subject builds of	in the knowledge acquired in basic courses on economics. It introduces students to the system of economic policies as they are app	lied in the Czech R	epublic, the				
European Union	and the world. They will thus gain knowledge about a wide range of economic policies implemented in the Czech Republic and in th	e European Union,	from the				
	perspective of theory and practice, politics and economics.						
32MC-K-IND4-01	Industry 4.0	Z,ZK	3				
I. Annotation The	I. Annotation The subject "Industry 4.0" deals with the topic of the fourth industrial revolution, explains concepts, terms and trends in this area. It deals with the history of industrial						
revolutions, current trends as well as individual technological breakthroughs that are typical for Industry 4.0. It analyzes the effects of "Industry 4.0" on the economy and society as a							
whole.	Last but not least, it deals with the role of the state in the creation of economic and industrial policy, the need for which is generated	by "Industry 4.0".					
32MC-K-MACT-01	Macroeconomic Theory	ZK	3				
32MC-K-OTIK-01	Reflections of Technical Innovations in Culture	ZK	3				
The course is inter	The course is intended for students of the Master's study program Project Management of Innovations. The teaching is aimed at gaining a wide range of knowledge from the field of						
innovation processes, for the understanding and internalization of which a deep understanding of the connections between science and culture is an absolutely key.							
32MC-K-PBRL-01	Public Relations	Z,ZK	3				
32MC-K-PJDP-01	Diploma Thesis Project	Z	0				

32MC-K-PRIS-01	Designing of Information Systems	Z,ZK	6
undamental terms, i	nformation systems architecture, basic types of software applications for information system of enterprise, information system lifecy	cle, approaches t	o informatio
stem development,	$management\ information\ systems,\ web\ audit,\ business\ process\ modeling\ using\ BPMN,\ UML\ and\ others,\ information\ system\ modeling\ using\ BPMN,\ UML\ and\ others,\ information\ system\ modeling\ using\ BPMN,\ under the system\ modeling\ using\ BPMN\ and\ others,\ information\ system\ and\ others,\ information\ system\ and\ other\ and\ oth$	eling - UML and d	ata modelin
	using ER diagrams		
2MC-K-RIIP-01	Innovation Management and Innovation Project	Z,ZK	6
MCKROAN01	Decision Analysis	Z,ZK	6
ne aim of the subjec	at Decision Analysis is to acquaint students with the basic methods of decision-making in technical and economic, to use appropriat processes.	e tools within dec	ision-makir
2MC-K-STRR-01	Strategic Management	Z,ZK	6
he subject is focused	d on strategic planning and management, including the necessary contexts and links, as one of the main tools for long-term planning a	nd direction of the	organizatio
· · · · · · · · · · · · · · · · · · ·	it (enterprise or institution of any type or even municipality, region or state). As part of teaching the subject, relevant case studies from the cupstions of competitiveness, competitive advantages, changes in the configuration of business processes and their influence or the Czech economy and Czech companies into global trade.	-	
2ME-K-6SIG-01	Six Sigma	ZK	3
2ME-K-AGBC-01	Agile BootCamp	KZ	3
	se teaches students the fundamentals of Design Thinking and other agile innovation principles. The course introduces three methods		_
•	tional team: Design Thinking, Lean Startup and Agile across teams. In the main part, it will offer the right tools and techniques for the of Design Sprints, including a practical test of the entire process.		•
2ME-K-SCOM01	Social Competences in Project and Process Management	Z	3
1/00/00/10/1	The course is focused on the development of skills in managing projects, processes, and people in the organization.	7	
K00C3101	Diploma Thesis Project	Z	0
K00C4102	Diploma Thesis	Z	12
K16C0101	Balanced Scorecard	Z,ZK	6
K16C1201	Project Management	Z,ZK	6
K16C1401	Innovation Marketing	Z,ZK	6
K16C3101	Strategic Management	Z,ZK	6
K16C3102	Innovation Management and Innovation Project	Z,ZK	6
Concepts of innova	ation, assumptions and barriers to innovation, sources of innovation, strategic considerations about innovation, process innovation,	product innovation	n, service
novation, macroeco	nomic view of the role of innovation, organizational security and innovation management, soft methods and innovative techniques,	systematic-analy	tical metho
	and innovative techniques, economic aspects of innovation, intellectual property of innovation and legal aspects.		
K16C3103	Decision Analysis	Z,ZK	6
K16E0201	Agile Bootcamp	KZ	3
ne same cross-func	tional team: Design Thinking, Lean Startup and Agile across teams. In the main part, it will offer the right tools and techniques for though the continuation of Design Sprints, including a practical test of the entire process.	ne design and imp	olementatio
K16E0501		ne design and imp	olementatio 3
K16E0501	of Design Sprints, including a practical test of the entire process. Social Competences in Project and Process Management Social competencies, soft skills, typology, successful team management	Z	•
K16E0501 K16E1302	of Design Sprints, including a practical test of the entire process. Social Competences in Project and Process Management	Z Z,ZK	3
K16E0501 K16E1302 As a result of complete	of Design Sprints, including a practical test of the entire process. Social Competences in Project and Process Management Social competencies, soft skills, typology, successful team management Lean Manufacturing	Z Z,ZK management with	3 6 a a focus or
K16E0501 K16E1302 As a result of complete production agre-production, production, produc	of Design Sprints, including a practical test of the entire process. Social Competences in Project and Process Management Social competencies, soft skills, typology, successful team management Lean Manufacturing leting this course, the student should be able to: Describe and explain the main significance, meaning, and functions of innovation in opplications in the workplace. Explain the relationship between management, innovation management, and the main departments of function, and manufacturing processes and related Lean manufacturing innovation processes. Create an innovation strategy and an incomplete the control of the c	Z,ZK management with the company. Ch	3 6 a focus on
K16E0501 K16E1302 As a result of complete production agre-production, production, produc	of Design Sprints, including a practical test of the entire process. Social Competences in Project and Process Management Social competencies, soft skills, typology, successful team management Lean Manufacturing leting this course, the student should be able to: Describe and explain the main significance, meaning, and functions of innovation opplications in the workplace. Explain the relationship between management, innovation management, and the main departments of	Z,ZK management with the company. Ch	3 6 a focus on
K16E0501 K16E1302 As a result of complete Lean production appre-production, production Lean Lean Lean Lean Lean Lean Lean Lea	of Design Sprints, including a practical test of the entire process. Social Competences in Project and Process Management Social competencies, soft skills, typology, successful team management Lean Manufacturing leting this course, the student should be able to: Describe and explain the main significance, meaning, and functions of innovation opplications in the workplace. Explain the relationship between management, innovation management, and the main departments of uction, and manufacturing processes and related Lean manufacturing innovation processes. Create an innovation strategy and an internal content of joint planning/forecasting of upcoming Lean products, services, and production technologies in the content of project Technology Management	Z Z,ZK management with the company. Ch nnovation project company. Etc. ZK	6 a a focus on paracterize with a focus
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K77C0007	Communication Systems and Networks	ZK	3
K77C0009	Information Security Management and Implementation	ZK	3
TUMQICW	Intercultural competencies for working in multicultural teams (Technical University of Munich, DEU)	ZK	1

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