


Discipline	<i>INNOVATIONS MANAGEMENT</i> code: 40 <b>winter semester</b>				
Specialty	INDUSTRIAL MANAGEMENT				
ECTS credits: 7	Form of assessment: Continuous assessment				
Lecturer	Assoc. prof. PhD Eng. /scientific title/ Krasimira Dimitrova /name/ Room NUK 508 Phone: +359878011079 E-mail: krasimira.dimitrova@tu-varna.bg				
Department	INDUSTRIAL MANAGEMENT				
Faculty	<i>FACULTY OF MECHANICAL ENGINEERING AND TECHNOLOGIES</i>				
<p>Learning objectives:</p> <p>The aim of the course is to give the students of Industrial Management theoretical knowledge and practical skills for innovation management - introduction of new products, processes, new marketing approaches, new organization of work in the practice of enterprises. It is discussed:</p> <ul style="list-style-type: none"> <li>• The need for innovation, types of innovation and sources of innovation;</li> <li>• Innovative process and innovation lifecycle;</li> <li>• Development of an innovation strategy and policy;</li> <li>• Innovation planning and financing;</li> <li>• Organization of the innovation process;</li> <li>• Generating ideas for innovation;</li> <li>• Characteristics of the main types of innovation;</li> <li>• Utilization of innovation projects for the realization of innovations;</li> <li>• Planning, budget and resources of innovative projects;</li> <li>• Completion of innovative projects.</li> </ul> <p>The course is structured as lectures, laboratory exercises and course work.</p>					
CONTENTS:					
Training Area			<table border="1" style="width: 100%;"> <tr> <td style="text-align: center;">Hours lectures</td> <td style="text-align: center;">Hours seminar exercises</td> </tr> </table>	Hours lectures	Hours seminar exercises
Hours lectures	Hours seminar exercises				

Introduction to innovation	2	
Innovative process	2	
Innovation strategy and policy	2	
Innovation planning and financing	2	
Organization of the innovation process	2	
Generating ideas for innovation	2	
Specific features of the main types of innovation	2	
Introduction to innovative projects management	2	
Planning, budget and resources of innovative projects	2	
Implementation of innovative projects	2	
National and regional innovation system. Clusters of innovative companies	2	
Government and company policy in the field of innovation	2	
Research and innovation for sustainable growth	2	
National Strategy for Development of Scientific Research in the Republic of Bulgaria till 2020	2	
Sources for funding innovation development	2	
Life cycle of innovation in the company. Exploration of specific new products and description of their life cycle		2
Innovation criteria		2
Innovation strategy of an industrial enterprise		2
Innovative company models		2
Factors and limitations in strategic management of company innovation		2
Building competencies and potential for creating, transferring and implementing innovations		2
Great technological innovations		3

<b>Course project</b>		
Task 1. Idea and purpose of the project. Financing the project		2
Task 2. Determining the scope and tasks of the project		3
Task 3. Determining of the project team (positions and skills)		3
Task 4. Developing a Gantt project schedule and budget		3
Task 5. Risk assessment of the project		2
Task 6. Presentation and discussion of the project		2
<b>TOTAL: 60 h</b>	<b>30</b>	<b>30</b>