

**TECHNICAL UNIVERSITY OF GABROVO  
FACULTY OF ECONOMICS**

Endorsed with Academic Council resolution  
Record № 6/12.03.2019



## CURRICULUM

Master degree course: **INDUSTRIAL MANAGEMENT – INNOVATION AND BUSINESS EXPANSION (IN ENGLISH)**  
 For students with diplomas in professional areas „Economics”, „Administration and Management”, „Tourism” and 240 ECTS credits -  
 equalizing/preparatory education to achieve General Engineering level  
 Higher education area: **TECHNICAL SCIENCES /code 5/**  
 Professional trend: **GENERAL ENGINEERING /code 5.13/**  
 Professional qualification: **MASTER IN INDUSTRIAL MANAGEMENT - INNOVATION AND BUSINESS EXPANSION**  
 Form of training: **FULL-TIME**  
 Duration of training: **2 /TWO/ SEMESTERS**

№	Subject Taught	Form of assessment		Course work	Workload in number of academic hours				Weekly distribution (L+SC+LC)	Type of subject	ECTS credits
		E	CA		Lectures (L)	Sem. Classes (SC)	Lab. Classes (LC)	Total			
1	2	3	4	5	6	7	8	9	10	11	12
	<b>First semester</b>										
1	Strategic Management	E		CW	30	30	0	60	2+2+0	CS	5/2,4
2	Industrial and Logistics Management	E		CW	30	15	0	45	2+1+0	CS	5/1,8
3	Controlling	E			30	30	0	60	2+2+0	CS	5/2,4
4	Financial Management	E			30	30	0	60	2+2+0	CS	5/2,4
5	Computer technologies in management	E			30	0	30	60	2+0+2	CS	5/2,4
6.1	Business English		CA		0	45	0	45	0+3+0	ES	5/1,8
6.2	Business Bulgarian										
	<b>Total 1<sup>st</sup> semester</b>	<b>5E</b>	<b>1CA</b>	<b>2CW</b>	<b>150</b>	<b>150</b>	<b>30</b>	<b>330</b>	<b>10+10+2=22</b>		<b>30/13,2</b>

1	2	3	4	5	6	7	8	9	10	11	12
	<b>Second semester</b>										
7	Technical documentation	E		CW	30	0	15	45	2+0+1	CS	4/1,8
8	Machine engineering	E			30	0	15	45	2+0+1	CS	4/1,8
9	Electrical machinery and apparatus	E			30	0	15	45	2+0+1	CS	4/1,8
10	CAM and CNC manufacturing systems	E			30	0	15	45	2+0+1	CS	4/1,8
11	Materials and Material sciences	E		CW	30	0	30	60	2+0+2	CS	5/2,4
12	Computer mathematics	E			30	0	30	60	2+0+2	CS	5/2,4
13.1	Business English		CA		0	45	0	45	0+3+0	ES	4/1,8
13.2	Business Bulgarian										
	<b>Total 2<sup>nd</sup> semester</b>	<b>6E</b>	<b>1CA</b>	<b>2CW</b>	<b>180</b>	<b>45</b>	<b>120</b>	<b>345</b>	<b>12+3+8=23</b>		<b>30/13,8</b>
	<b>Total</b>	<b>11E</b>	<b>2CA</b>	<b>4CW</b>	<b>330</b>	<b>195</b>	<b>150</b>	<b>675</b>			<b>60/27</b>

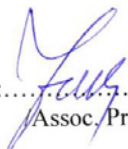
**ABBREVIATIONS USED:**

CS - Compulsory subject  
 ES - Elective subject  
 OS - Optional subjects  
 CW - Course work  
 E – exam  
 CA – Current assessment  
 L - Lectures  
 SC - Seminar Classes  
 LC - Laboratory Classes

SUBJECTS		WORKLOAD		ECTS credits
TYPE	NUMBER	HOURS	%	NUMBER
CS	11	585	86,67	51
ES	2	90	13,33	9
OS				
Practice				
Master thesis				
<b>TOTAL</b>	<b>13</b>	<b>675</b>	<b>100</b>	<b>60</b>

The curriculum is endorsed with Department Council resolution, Department of Management, Record № 1/28.01.2019 and Faculty Council resolution, Faculty of Economics, Record № 1/29.01.2019.

Department Chair:   
 /Assoc. Prof. A. Nikolova/

Dean:   
 /Assoc. Prof. M. Koleva/