SYLLABUS [1]

1. Information about the program

1.1 Higher education institution	Politehnica University Timisoara
1.2 Faculty[2] / Department [3]	Management in Production and Transportation / Management
1.3 Chair	—
1.4 Field of study (name/code[4])	Engineering and Management / 207010
1.5 Study cycle	Master
1.6 Study program (name/code/qualification)	Quality and Competitiveness Engineering and Management / 207010

2. Information about discipline

2.1 Name of discipline			Practical Activity 1				
2.2 Coordinator (holder) of course activities							
2.3 Coordinator (holder) of applied activities [5]			Lecturer PhD Sabina Potra				
2.4 Year of study [6]	1	**2.5** Semester	1	**2.6** Type of evaluation	D	**2.7** Type of discipline	DS

3. Total estimated time (direct activities (fully assisted), partially assisted activities and unassisted activities [7])

3.1 Number of hours fully assisted/week	0 ,of which:	**3.2** course	0	**3.3** seminar/laboratory/project			0
3.1* Total number of hours fully assisted/sem.	0 ,of which:	**3.2*** course	0	**3.3*** seminar/laboratory/project			0
3.4 Number of hours partially assisted/week	14 ,of which:	**3.5** project, research		**3.6** training	14	**3.7** hours designing M.A. dizertation	
3.4* Number of hours pasrtially assisted/ semester	196 ,of which:	**3.5*** project of research		**3.6*** training	196	**3.7*** hours designing M.A. dizertation	
3.8 Number of hours of unassisted activities/ week	,of which:	Additional documentation in the library, on specialized electronic platforms, and on the field					
		Study using a manual, course materials, bibliography and lecture notes					
		Preparation of seminars/ laboratories, homework, assignments, portfolios, and essays					
3.8* Total number of hours of unasssited asctivities/ semester	,of which:	Additional documentation in the library, on specialized electronic platforms, and on the field					
		Study using a manual, course materials, bibliography and lecture notes					
		Preparation of seminars/ laboratories, homework, assignments, portfolios, and essays					
3.9 Total hrs./week [8]	14						
3.9* Total hrs./semester	196						
3.10 No. of credits	10						

4. Prerequisites (where applicable)

4.1 Curriculum	•
4.2 Competencies	•

[1] The form corresponds to the Syllabus promoted by OMECTS 5703/18.12.2011 (Annex 3), updated based on the Specific Standards ARACIS of December 2016.
[2] The name of the faculty which manages the educational curriculum to which the discipline belongs
[3] The name of the department entrusted with the discipline, and to which the course coordinator/holder belongs.
[4] Fill in the code provided in HG no. 376/18.05.2016 or in HG similars annually updated.
[5] The applied activities refer to: seminar (S) / laboratory (L) / project (P) / practice/training (Pr).
[6] The year of study to which the discipline is provided in the curriculum .
[7] Within UPT, the number of hours from 3.1*, 3.2*,…,3.9* are obtained by multipling by 14 (weeks) the number of hours from 3.1, 3.2,…, 3.9. The information from 3.1, 3.4 și 3.8 are keys of verification used by ARACIS under the form: (3.1)+(3.4) ≥ 28 hrs./week and (3.9) ≤ 40 hrs./week.
[8] The total number of hours/week is obtained by summing up the number of hours from 3.1, 3.4 şi 3.8.

5. Conditions (where applicable)

5.1 of the course	•
5.2 to conduct practical activities	•

6. Specific competencies acquired through this discipline

Specific competencies	• To be able to identify and utilize various specific tools and methodologies as directly related to companies and industries of their choice. To be prepare to become leading practitioners in any of a large number of technical and specialized functions as required by specific industry needs.
Professional competencies ascribed to the specific competencies	• C1 Correct and appropriate application of the adequate theoretical and practical notions of the domain and specialization knowledge. • C2 - Statistical computing competences and use of quality and competitiveness specific tools to analyze, process and interpret information from engineering and management systems • C3 Addressing engineering and managerial issues specific to quality and competitiveness in a creative, efficient and effective way • C4 - Critical and constructive analysis to improve projects, processes, engineering and managerial systems • C5 - Determining and evaluating critical success factors of organizational competitiveness indicators
Transversal competencies ascribed to the specific competencies	• CT1 Development of analytical, synthetic, comparative and critical thinking, adaptability and communication ability in different situations and conditions. • CT 2 - Identifying roles and responsibilities in an interdisciplinary team and applying relationship and collaboration techniques within the team, demonstrating initiative spirit and innovative capabilities in physical and virtual environments • CT3 Identifying opportunities for continuous training and efficient use, for personal and professional development, of information and training sources, both in Romanian and in an international language.

7. Objectives of the discipline (based on the grid of specific competemcies acquired)

7.1 The general objective of the discipline	• To synthesizing and present the concepts, tools, methods and -specific models in order to form a pragmatic management and engineering thinking
7.2 Specific objectives	• Capacity building and skill knowledge and understanding of economic phenomena and issues; • Assessing management and engineering situation of businesses and identifying appropriate measures for its improvement; • Developing the ability to analyze the content of managerial and engineering decision making •

8. Content

8.1 Course	Number of hours	Teaching methods

Bibliography [9]		
8.2 Applied activities [10]	Number of hours	Teaching methods
Elaboration of a project with the subject of quality and lean tools in a company	196	Case studies
Bibliography [11] Courses for semester 1		

9. Coroboration of the content of the discipline with the expectations of the main representatives of the epistemic community, professional associations and employers in the field afferent to the program

- Maintaining regular contacts with business in particular by carrying out applied research in firms annually through elaborate the graduation projects.

10. Evaluation

Type of activity	**10.1** Evaluation criteria [12]	**10.2** Evaluation methods	**10.3** Share of the final grade
10.4 Course	.		0%
10.5 Applied activities	**S:**		
	L:		
	P: The ability to use specific methods, specific models and presentation of proposed solutions	Oral presentation/support of the proposed solutions/findings/conclusions, answering to questions	50%
	Pr: Quality of the report	Evaluation of written report	50%
	Tc-R[13]:		
10.6 Minimum performance standard (minimum amount of knowledge necessary to pass the discipline and the way in which this knowledge is verified [14]			

[9] At least one title must belong to the department staff teaching the discipline, and at least one title must refer to a relevant work for the discipline, a national and international work that can be found in the UPT Library.
[10] The types of applied activities are those mentioned in 5. If the discipline containes more types of applied activities then they are marked, consecutively, in the table below. The type of activity will be marked distinctively under the form: „Seminar:", „Laboratory:", „Project:" and/or „Practice/Training:".
[11] At least one title must belong to the staff teaching the discipline.
[12] The Syllabus must contain the evaluation method of the discipline, specifying the criteria, the metods and the forms of evaluation, as well as mentioning the share attached to these within the final mark. The evaluation criteria msut correspond to all activities stipulated in the curriculum (course, seminar, laboratory, project), as well as to the methods of continuous assessment (homework, essays etc.)
[13] Tc-R= Homework-Reports

- The correct usage of discussed concepts and solving specific problems.
- The minimum amount of knowedge necessary is verified through results obtained by written report and presentation of the report.

Date of completion	**Course coordinator (signature)**	**Coordinator of applied activities (signature)**
	……	……
Head of Department (signature)	**Date of approval in the Faculty Council [15]**	**Dean (signature)**
……		……

[14] For this point turn to "Ghidului de completare a Fișei disciplinei" found at: http://univagora.ro/m/filer_public/2012/10/21/ghid_de_completare_fisa_disciplinei.pdf
[15] The approval is preceeded by discussing the study program's board's point of view with redgards to the syllabus.