SYLLABUS

1. Information about the program

1.1 Higher education institution	Politehnica University Timisoara
1.2 Faculty[1]/ Department [2]	Chemical Engineering, Biotechnologies and Environmental Protection / CLS
1.3 Field of study (name/code[3])	Chemical Engineering / 10.30.50
1.4 Study cycle	License
1.5 Study program (name/code/qualification)	Chemical Engineering / 10.30.50.60 / engineer

2. Information about the discipline

2.1 Name of discipline/ formative category[4]	Culture and civilization / DC						
2.2 Coordinator (holder) of course activities	Lector dr. Daniel Ciurel						
2.3 Coordinator (holder) of applied activities[5]	……						
2.4 Year of study[6]	I	**2.5** Semester	1	**2.6** Type of evaluation	D	**2.7** Regime of discipline[7]	DO

3. Total estimated time – hours / semester: direct teaching activities (fully assisted or partly assisted) and individual training activities (unassisted) [8]

3.1 Number of fully assisted hours / week	2 of which:	**3.2** course	1	**3.3** seminar / laboratory / project	1/0/0
3.1* Total number of fully assisted hours / semester	28 of which:	**3.2*** course	14	**3.3*** seminar / laboratory / project	14/0/0
3.4 Number of hours partially assisted / week	of which:	**3.5** training		**3.6** hours for diploma project elaboration	
3.4* Total number of hours partially assisted / semester	of which:	**3.5*** training		**3.6*** hours for diploma project elaboration	
3.7 Number of hours of unassisted activities / week	1.57 of which:	additional documentary hours in the library, on the specialized electronic platforms and on the field			
		hours of individual study after manual, course support, bibliography and notes			
		training seminars / laboratories, homework and papers, portfolios and essays			
3.7* Number of hours of unassisted activities / semester	22 of which:	additional documentary hours in the library, on the specialized electronic platforms and on the field			
		hours of individual study after manual, course support, bibliography and notes			
		training seminars / laboratories, homework and papers, portfolios and essays			
3.8 Total hours / week [9]	3.57				
3.8* Total hours /semester	50				
3.9 Number of credits	2				

4. **Prerequisites** (where applicable)

4.1 Curriculum	•
4.2 Competencies	•

[1] The name of the faculty which manages the educational curriculum to which the discipline belongs
[2] The name of the department entrusted with the discipline, and to which the course coordinator/holder belongs.
[3] The code provided in HG - on the approval of the Nomenclature of fields and specializations / study programs, annually updated.
[4] Discipline falls under the educational curriculum in one of the following formative disciplines: Basic Discipline (DF), Domain Discipline (DD), Specialist Discipline (DS) or Complementary Discipline (DC).
[5] Application activities refer to: seminar (S) / laboratory (L) / project (P) / practice/training (Pr).
[6] Year of studies in which the discipline is provided in the curriculum.
[7] Discipline may have one of the following regimes: imposed discipline (DI) or compulsory discipline (DOb)-for the other fundamental fields of studies offered by UPT, optional discipline (DO) or optional discipline (Df).
[8] The number of hours in the headings 3.1 *, 3.2 *, ..., 3.8 * is obtained by multiplying by 14 (weeks) the number of hours in headings 3.1, 3.2, ..., 3.8. The information in sections 3.1, 3.4 and 3.7 is the verification keys used by ARACIS as: (3.1) + (3.4) ≥ 28 hours / wk. and (3.8) ≤ 40 hours / wk.
[9] The total number of hours / week is obtained by summing up the number of hours in points 3.1, 3.4 and 3.7.

5. **Conditions** (where applicable)

5.1 of the course	• Video projector, white board
5.2 to conduct practical activities	• Video projector, white board

6. **Specific competencies** acquired through this discipline

Specific competencies	• The ability to make effective presentations; the skills of academic research •
Professional competencies ascribed to the specific competencies	• - Analyse production processes for improvement; • - Manage chemical testing procedures; • - Test materials; • - Write technical reports • -Performs chemical experiments • -Approve engineering design • -Assess environmental impact •

Transversal competencies ascribed to the specific competencies

- - Conduct quality control;
- - Apply scientific, technological and engineering knowledge;
- - Uses equipment, instruments or technological equipment accurately.

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7. **Objectives of the discipline** (based on the grid of specific competencies acquired - pct.6)

7.1 The general objective of the discipline	• Develop interpretative frameworks of the past and present; achieve a better understanding of the European history and of the present day European world • Develop student awareness of education outcomes
7.2 Specific objectives	• Raise students' awareness on the importance of culture and civilisation along the centuries with emphasis on the European culture and civilization as far as the following are concerned: scientific discoveries, art, architecture, human interaction, science and technology. • Analyze the cultural heritage of Europe by becoming aware of its most important achievements • The importance of individual effort in preserving the national and the European cultural heritage • The importance of general knowledge for technical students in developing their personality •

8. **Content** [10]

[10] It details all the didactic activities foreseen in the curriculum (lectures and seminar themes, the list of laboratory works, the content of the stages of project preparation, the theme of each practice stage). The titles of the laboratory work carried out on the stands shall be accompanied by the notation "(*)".

8.1 Course	Number of hours	Teaching methods [11]
Culture and civilisation theories and connections	2	Interactive lecture
Components of culture and civilization	2	
Culture and communication	2	
Mass culture	2	
Media culture	2	
Postmodern culture	2	
Globalization and culture	2	
Bibliography [12] 1. Carey, J.W., *Communication as culture*, London, Routledge, 2009 2. Kay, J., Culture and prosperity, New York, Harper, 2005 3. Kellner, D., *Media culture*, London, Routledge, 2020		
8.2 Applied activities [13]	Number of hours	Teaching methods
Elements of culture and civilisation (Austria, Belgium, Bulgaria, Croatia	2	Project, PowerPoint presentation
Elements of culture and civilisation (Cyprus, Czech Republic, Denmark, Estonia	2	
Elements of culture and civilisation (Finland, France, Germany, Greece	2	
Elements of culture and civilisation (Hungary, Ireland, Italy, Latvia)	2	
Elements of culture and civilisation (Lithuania, Luxembourg, Malta, Netherlands	2	
Elements of culture and civilisation (Poland, Portugal, Romania, Slovakia)	2	
Elements of culture and civilisation (Slovenia, Spain, Sweden	2	
Bibliography [14] 1. Carey, J.W., *Communication as culture*, London, Routledge, 2009 2. Kay, J., Culture and prosperity, New York, Harper, 2005 3. Kellner, D., *Media culture*, London, Routledge, 2020		

9. Corroboration 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

- The content of the discipline is corroborated with the feedback from the professional community and the marketplace.

10. Evaluation

Type of activity	**10.1** Evaluation criteria [15]	**10.2** Evaluation methods	**10.3** Share of the final grade
10.4 Course	Conceptual knowledge	Written test	50%
10.5 Applied activities	**S:** Attendance	Project	50%

[11] Presentation of the teaching methods will include the use of new technologies (e-mail, personalized web page, electronic resources etc.).

[12] At least one title must belong to the discipline team and at least one title should refer to a reference work for discipline, national and international circulation, existing in the UPT library.

[13] Types of application activities are those specified in footnote 5. If the discipline contains several types of applicative activities then they are sequentially in the lines of the table below. The type of activity will be in a distinct line as: "Seminar:", "Laboratory:", "Project:" and / or "Practice/training".

[14] At least one title must belong to the discipline team.

[15] Syllabus must contain the procedure for assessing the discipline, specifying the criteria, methods and forms of assessment, as well as specifying the weightings assigned to them in the final grade. The evaluation criteria shall be formulated separately for each activity foreseen in the curriculum (course, seminar, laboratory, project). They will also refer to the forms of verification (homework, papers, etc.)

	L:		
	P[16]**:**		
	Pr:		
10.6 Minimum performance standard (minimum amount of knowledge necessary to pass the discipline and the way in which this knowledge is verified [17])			
• A decent knowledge of culture and civilisation concepts (50 %) and application in various cultural settings			

Date of completion	**Course coordinator (signature)**	**Coordinator of applied activities (signature)**
Head of Department (signature) Prof.dr.Vasile GHERHEȘ	**Date of approval in the Faculty Council** [18]	**Dean (signature)** Ș.L.dr.ing. Mircea Laurențiu DAN

[16] In the case where the project is not a distinct discipline, this section also specifies how the outcome of the project evaluation makes the admission of the student conditional on the final assessment within the discipline.
[17] It will not explain how the promotion mark is awarded.
[18] The endorsement is preceded by the discussion of the board's view of the study program on the discipline record.