

SYLLABUS¹

THIS COURSE UNIT IS TAUGHT IN ROMANIAN LANGUAGE

1. Information about the program

1.1 Higher education institution	Politehnica University of 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 / 230
1.5 Study cycle	Bachelor
1.6 Study program (name/code/qualification)	Economic engineering in...../ 60

2. Information about the discipline

2.1 Name of discipline/ formative category ⁵			Finance, Banking, Insurance					
2.2 Coordinator (holder) of course activities			Prof. Claudiu Albulescu					
2.3 Coordinator (holder) of applied activities ⁶			Lect. Serban Miclea					
2.4 Year of study ⁷	2	2.5 Semester	2	2.6 Type of evaluation	E	2.7 Type of discipline ⁸	DI	

3. Total estimated time – hours / semester: direct teaching activities (fully assisted or partly assisted) and individual training activities (unassisted)⁹

3.1 Number of fully assisted hours / week	4 of which:	3.2 course	2	3.3 seminar / laboratory / project	2
3.1* Total number of fully assisted hours / semester	56 of which:	3.2* course	28	3.3* seminar / laboratory / project	28
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	3.14 of which:	additional documentary hours in the library, on the specialized electronic platforms and on the field			1
		hours of individual study after manual, course support, bibliography and notes			1
		training seminars / laboratories, homework and papers, portfolios and essays			1.1 4
3.7* Number of hours of unassisted activities / semester	44 of which:	additional documentary hours in the library, on the specialized electronic platforms and on the field			14
		hours of individual study after manual, course support, bibliography and notes			14
		training seminars / laboratories, homework and papers, portfolios and essays			16
3.8 Total hours / week ¹⁰	7.14				
3.8* Total hours /semester	100				
3.9 Number of credits	4				

4. Prerequisites (where applicable)

4.1 Curriculum	•
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¹ The form corresponds to the Discipline File promoted by OMECTS 5703 / 18.12.2011 and to the requirements of the ARACIS Specific Standards valid from 01.10.2017.

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 The code provided in HG no.140 / 16.03.2017 or similar HGs updated annually shall be entered.

⁵ 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).

⁶ Application activities refer to: seminar (S) / laboratory (L) / project (P) / practice/training (Pr).

⁷ Year of studies in which the discipline is provided in the curriculum.

⁸ Discipline may have one of the following regimes: imposed discipline (DI), optional discipline (DO) or optional discipline (Df).

⁹ 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.

¹⁰ The total number of hours / week is obtained by summing up the number of hours in points 3.1, 3.4 and 3.7.

4.2 Competencies	•
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5. Conditions (where applicable)

5.1 of the course	• Amphitheater, Support materials: laptop, video-projector
5.2 to conduct practical activities	• Support materials: laptop, video-projector, whiteboard

6. Specific competencies acquired through this discipline

Specific competencies	<ul style="list-style-type: none"> • Understanding corporate finance principles, the funding sources and benefits of insurance activity.
Professional competencies ascribed to the specific competencies	<ul style="list-style-type: none"> • C1 Performing calculations, demonstrations and applications to solve tasks specific to engineering and management, based on knowledge of fundamental and engineering sciences • C2 Elaboration and interpretation of technical, economic and managerial documentation • C4 Elaboration and evaluation of technical, economic and financial flows at business level, management of technical, economic and financial phenomenon
Transversal competencies ascribed to the specific competencies	•

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

7.1 The general objective of the discipline	<ul style="list-style-type: none"> • Understanding the fundamental elements and the particularities of the financial field as well as of the multidisciplinary decision mode, for the optimization of the activities related to financing, investments, crediting and import protection against risks
7.2 Specific objectives	<ul style="list-style-type: none"> • Analyzing the way in which companies procure and manage their capitals, substantiation and application of financial strategies • Knowledge of banking operations and instruments in relation to the activity of companies and understanding the intermediation role of banks • Understanding the purpose of the insurance activity and knowing the technical elements of the insurance

8. Content ¹¹

8.1 Course	Number of hours	Teaching methods ¹²
1. Introduction to corporate finance. Public Finance vs. private finance. Companies: definition, functions, organization.	2	PPT presentations, discussions, e-learning materials, explanations, examples, comparisons
2. The patrimonial-financial structure of the company. Balance sheet: structure, simplified and functional balance sheet. Financial structure. Profitability criterion and indebtedness effect. Debt capacity.	2	
3. Financing companies. Equity vs. external capital. Short and long-	4	

¹¹ 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 "(*)".

¹² Presentation of the teaching methods will include the use of new technologies (e-mail, personalized web page, electronic resources etc.).

term loans. Bonds.		
4. The cost of capital. Equity and dividend policy. Borrowed capital and the cost of bank loans. Loan repayment methods.	2	
5. Financial diagnosis and inventory management. Liquidity, solvency, profitability, indebtedness and risk. The need, optimization and control of stocks.	2	
6. The company's investment policy. Typology of investments. Evaluation of investment projects and indicators. Financial investments	2	
7. The company's income and expenditure budget. Principles, role, typology. Elaboration, forecasts. Budget implementation.	2	
8. Banking activity and the structure of the banking system. The role of intermediation. Categories of banks. The structure of the Romanian banking system	2	
9. Bank operations and banking investment risks. Bank loans, and deposits. Investment and investment funds. Financial risks and the use of derivatives.	2	
10. Monetary and regulatory policies. Central bank: monetary policy instruments. Liquidity control through the banking system. Prudential regulation and Basel agreements.	2	
11. The concept of insurance and the technical elements of insurance. The premises of insurance. Conceptual delimitations. Technical elements of insurance. Insurance contract.	2	
12. Organization of the insurance activity and classification of insurances. Insurance functions. Companies and other operators. Types of insurance: general, life and civil liability insurance.	2	
13. Insurance market analysis. Insurance demand and supply. Operators and market shares. Insurance management and supervision. Insurance in Romania and comparison with other European countries.	2	
Bibliography ¹³ 1. Brealey, R.A., Myers, S.C., Allen, F. (2016), Principles of Corporate Finance, McGraw-Hill Education. 2. Catiniianu, F., Albuiescu, C.T., Stefu, C. (2008), Corporate finance, Mirton (in Romanian). 3. Choudhry, M. (2018), An Introduction to Banking: Principles, Strategy and Risk Management, John Wiley & Sons. 4. Dallochio, M., Le Fur, Y., Quiry, P., Salvi, A., Vernimmen, P. (2018), Corporate Finance: Theory and Practice, Wiley. 5. Vaughan, E.J., Vaughan, T.M. (2013), Fundamentals of Risk and Insurance, Wiley		
8.2 Applied activities ¹⁴	Number of hours	Teaching methods
The activity of the companies and the main financial statements	2	Resuming concepts, posting formulas, solving applications on the board, tests
The patrimonial-financial structure of the company	2	
Company financing. Banking loans.	2	
The cost of capital. Liquidity, solvency and profitability analysis of companies	2	
Stock management	2	
Business investments	2	
Calculation of insurance premiums and indemnities	2	
Bibliography ¹⁵ 1. Albuiescu, C.T. (2018), Finance, banking, insurance: Applications (in Romanian) 2. Catiniianu, F., Albuiescu, C.T., Stefu, C. (2008), Corporate finance, Mirton (in Romanian). 3. Choudhry, M. (2018), An Introduction to Banking: Principles, Strategy and Risk Management, John Wiley & Sons. 4. Dallochio, M., Le Fur, Y., Quiry, P., Salvi, A., Vernimmen, P. (2018), Corporate Finance: Theory and Practice, Wiley. 5. Vaughan, E.J., Vaughan, T.M. (2013), Fundamentals of Risk and Insurance, Wiley		

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

¹³ 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.

¹⁴ 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".

¹⁵ At least one title must belong to the discipline team.

- The content of the discipline "Finance, banking, insurance" transmits to students practical knowledge about the concepts with which companies operate, namely: the patrimonial-financial structure of the company, activity diagnosis, income and expenditure budget planning, optimization of financing sources, investment and inventory management, repayment of bank loans, import protection of risks with the help of insurance products or derivatives.

10. Evaluation

Type of activity	10.1 Evaluation criteria ¹⁶	10.2 Evaluation methods	10.3 Share of the final grade
10.4 Course	Theoretical subjects and applications	Written and / or oral exam	66%
10.5 Applied activities	S: Tests, applications and active participation in seminars.	Answers, written tests, solving applications	34%
	L:		
	P¹⁷:		
	Pr:		
10.6 Minimum performance standard (minimum amount of knowledge necessary to pass the discipline and the way in which this knowledge is verified ¹⁸)			
<ul style="list-style-type: none"> • Obtaining a grade of 5 takes place after assimilating the main information that helps students to understand the basic financial concepts. The fulfillment of the minimum standard is verified both by evaluation along the way and by the final examination. 			

Date of completion

Course coordinator
(signature)

Coordinator of applied activities
(signature)

Head of Department
(signature)

Date of approval in the Faculty
Council ¹⁹

Dean
(signature)

¹⁶ 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.)

¹⁷ 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.

¹⁸ It will not explain how the promotion mark is awarded.

¹⁹ The endorsement is preceded by the discussion of the board's view of the study program on the discipline record.