

## FUC - Ficha de Unidade Curricular

### Curricular Unit's File

<b>Code</b>	L5025
<b>Name (PT)</b>	Introdução às Finanças
<b>Name (EN)</b>	Fundamentals of Finance
<b>Regime</b>	Semestral
<b>Level</b>	1.º Ciclo
<b>Teaching language</b>	Português , Inglês
<b>School</b>	Escola de Gestão (EG)
<b>Departament</b>	DF
<b>Scientific area</b>	Finanças (Fin)
<b>Responsible academic staff</b>	Luís Miguel da Silva Laureano
<b>Pre-requisites</b>	None.
<b>Objectives</b>	The students, at the end of the present learning unit, must develop competences that allow them, in the conceptual plane, to identify and describe the concepts related with value, valuation, compounding, investment and corporate financial management and analysis, and, in the practical plane, the students must be capable of using the methods and analysis techniques that allow them to operationalize the above concepts in an appropriate form.
<b>Learning outcomes</b>	At the end of this learning unit's term, the student must be able: <ol style="list-style-type: none"> <li>1. To explain the concept of time value of money, discounting and compounding and to be able to compare cash flows with different timetables;</li> <li>2. To compute cash flows from applications and financing operations;</li> <li>3. To characterize the organization of the main financial markets;</li> <li>4. To compute currency and interest rate operations;</li> <li>5. To describe the concept of business profitability and to compute and analyze the more relevant profitability ratios linking profitability with the firm's capital structure;</li> <li>6. To analyze the financial condition of a firm and to compute and analyze the more relevant financial ratios;</li> <li>7. To describe and compute de concept of working capital and to link it with the firm's financial condition;</li> <li>8. To describe and compute the concept of cash flow in capital investment valuation;</li> <li>9. To describe and compute the main valuation criteria used in capital investment analysis.</li> </ol>

<p><b>Syllabus</b></p>	<p>I - Time Value of Money</p> <ol style="list-style-type: none"> <li>1. The concept of interest rate, consumption and saving</li> <li>2. Nominal and real interest rate</li> <li>3. Financial intermediation and risk</li> <li>4. Simple and compounding interest</li> <li>5. Discounting and compounding factors</li> <li>6. Periodic/regular flows: rents</li> <li>7. Applications and financing operations</li> </ol> <p>II - Markets, Instruments and Financial Institutions</p> <ol style="list-style-type: none"> <li>1. Foreign exchange market: the currency rate</li> <li>2. Monetary market: the interest rate</li> <li>3. Capital markets: primary and secondary markets</li> <li>4. Financial Institutions</li> <li>5. Financial information: sources and analysis</li> </ol> <p>III - Financial Analysis</p> <ol style="list-style-type: none"> <li>1. Economic and financial flows</li> <li>2. Income and profitability ratios</li> <li>3. Financial leverage</li> <li>4. Sources and application of funds</li> <li>5. Working capital</li> <li>6. Solvency</li> <li>7. Cash flow analysis</li> </ol> <p>IV - Capital Investments</p> <ol style="list-style-type: none"> <li>1. Typology of investments</li> <li>2. The concept of the project's cash flow map</li> <li>3. Valuation methodology</li> <li>4. The discount rate</li> <li>5. Valuation criteria: NPV, IRR, PI and PAYBACK</li> </ol>
<p><b>Assessment</b></p>	<p>Regular grading system:</p> <ul style="list-style-type: none"> <li>- Two mid-term tests (40%;40%)</li> <li>- Group assignment with in class presentation and report delivery (15%)</li> <li>- Participation in class (5%)</li> <li>- None of the previous moments of evaluation has a minimum grade</li> <li>- A rate of attendance to classes of at least 80%.</li> </ul> <p>Students that fail in the regular grading system have two additional moments to pass: first and second exams, each worth 100% of the final grade.</p>
<p><b>Teaching methodology</b></p>	<p>Each student should acquire analytical, information gathering, written and oral communication skills. Will be used the following learning methodologies (LM):</p> <ol style="list-style-type: none"> <li>1. Expository, to the presentation of theoretical frames</li> <li>2. Participative, with analysis/resolution of exercises</li> <li>3. Participative, with analysis/discussion of case studies</li> <li>4. Active, with the realization of individual and group works</li> <li>5. Self-study, related with autonomous work by the student</li> </ol>
<p><b>Demonstration of the syllabus coherence with the curricular unit's objectives</b></p>	<p>This "demonstration of consistency" stems from the interconnection of the syllabus with learning goals (LG) and is explained as follows:</p> <p>LG1 and LG2: I - Time Value of Money        LG3 and LG4: II - Markets, Instruments and Financial Institutions        LG5, LG6 and LG7: III - Financial Analysis        LG8 and LG9: IV - Capital Investments</p>
<p><b>Demonstration of the coherence between the teaching methodologies and the learning outcomes</b></p>	<p>The learning-teaching methodologies are aimed at the development of the students' main learning competences that allow to fulfill each of the learning goals, therefore, in the grid below, it is presented the main interlinks between the learning-teaching methodologies and the respective goals.</p> <p>Learning-Teaching Methodologies(LTM)/ Learning Goal(LG)</p> <ol style="list-style-type: none"> <li>1. Expository, to the presentation of the theoretical reference frames / LG1, LG3, LG5, LG7 e LG8</li> <li>2. Participative, with analysis and resolution of application exercises / LG2, LG4, LG6, LG9</li> <li>3. Participative, with analysis and discussion of case studies, and of support and reading texts / LG1, LG3, LG5, LG7 e LG9</li> <li>4. Active, with the realization of individual and group works / LG5, LG6, LG7 E LG9</li> <li>5. Self-study, related with autonomous work by the student, as is contemplated in the Class Planning / Transversal to all the LGs</li> </ol>

<b>Main Bibliography</b>	<p>Os alunos que passarem na avaliação regular podem inscrever-se para melhoria apenas na época de recurso. Se preferirem ir ao exame de 1ª época terão de informar o docente por escrito e perdem a nota da avaliação regular.</p> <p>Em qualquer um dos sistemas de avaliação (avaliação regular ou exames) considera-se que o aluno teve aprovação à disciplina se tiver nota superior ou igual a 9.5 valores.</p> <p>Os alunos com uma nota final superior a 14 poderão ser chamados a defesa de nota. A nota de 14 será dada a não comparências ou más prestações.</p> <p>Os alunos abrangidos pelo "Regulamento Interno para Estudantes com Estatutos Especiais" deverão contactar o docente da UC, ou o Coordenador da mesma, na primeira semana de aulas de cada semestre, com vista ao enquadramento dos processos de aprendizagem e avaliação na UC.</p>
<b>Complementary Bibliography</b>	<p>Students that pass in the regular grading system can try to improve their grade only in the second exam. If they prefer to enrol in the first exam they must inform their teacher in writing and they lose the grade they already have.</p> <p>In any of the evaluation systems (regular or exams) it is considered that a student has course approval if he has a grade equal or above 9.5 points.</p> <p>The students with a final grade above 14 may have an additional examination; not attending or having a poor performance will produce a final grade of 14.</p> <p>The students that fall under the "Internal Regulation to the Students with Special Status" ("Regulamento Interno para Estudantes com Estatutos Especiais") must contact the teacher or the coordinator of the Learning unit, in the first week of classes of each semester, towards the insertion in the learning processes and evaluation in the Learning unit.</p>