

Course Title	Applied Financial Analysis and Valuation				
Course Code	AEM670				
Course Type	Compulsory				
Level	Master (2 <sup>nd</sup> Cycle)				
Year / Semester	1 <sup>st</sup> Year / 2 <sup>nd</sup> Semester				
Teacher's Name	TBA				
ECTS	10	Lectures / week	3 Hours / 14 weeks	Laboratories / week	None
Course Purpose and Objectives	This course is designed to enable students to conduct financial analysis and valuation using computing and programming skills. Specifically, students will be able to analyse and evaluate companies through Financial Data Analysis Platforms, Microsoft Excel and Programming.				
Learning Outcomes	<p>Upon successful completion of this course students should be able to:</p> <ul style="list-style-type: none"> <li>• Develop the ability to gather and analyze financial reports with computing skills;</li> <li>• Apply analytical and computer skills to assess the values of businesses;</li> <li>• Provide an analysis of companies' fundamentals and conduct their valuation with efficient data analytical skills.</li> </ul>				
Prerequisites	Successful completion of 1 <sup>st</sup> and 2 <sup>nd</sup> semester courses			Co-requisites	None
Course Content	<p>Business Strategy Analysis - Assessment of the profit potential of a firm at a qualitative level; the role of macroeconomic analysis; framework of industry and competitive analysis. Hands-on EIKON or/and S&amp;P Capital IQ.</p> <p>Accounting and Financial Analysis - The use of computing technology to assess financial statements; Evaluation of a firm's performance in the context of its stated goals and strategy; Applications of frequently used tools such as ratio analysis, cash flow analysis, and common-base as well as common-size financial statements; Visualization of financial analysis. Hands-on EIKON or/and S&amp;P Capital IQ and Microsoft Excel.</p> <p>Valuation Principles, Techniques and Practice - Common techniques (e.g. DCF, capitalization of dividends, asset-based valuation, WACC, CAPM) in valuing business.</p> <p>Hands-on programming with R.</p> <p>Business Ethics in the Digital Age - Ethical issues associated with data analytics and GDPR.</p>				
Teaching Methodology	Face-to-Face				

<p>Bibliography</p>	<p>Easton, McAnally, Sommers and Zhang. Financial Statement Analysis &amp; Valuation". Latest Edition. Cambridge Business Publishers.</p> <p>David Alexander, International financial reporting and analysis. Latest edition, Andover: Cengage Learning EMEA publications.</p> <p>Antony, R.N. Hawkins, D.F. and Merchant, K.A. Accounting: Text and Cases, Latest Edition, McGraw Hill.</p> <p>Lundholm, R. and Sloan, R. Equity Valuation &amp; Analysis, Latest Edition.</p> <p>Richardson, Teeter and Terrell. Data Analytics for Accounting, Latest Edition, McGraw-Hill.</p> <p>J.A. Hall, Accounting Information Systems, latest edition, Cengage Learning.</p> <p>M.B. Romney and P.J. Steinbart, Accounting Information Systems, latest edition, Pearson.</p> <p>Timothy R. Mayes. Financial Analysis with Microsoft Excel. Latest Edition. Cengage.</p>		
<p>Assessment</p>	<p>Examinations</p>	<p>50%</p>	
	<p>Assignments</p>	<p>40%</p>	
	<p>Class Participation and Attendance</p>	<p>10%</p>	
		<p>100%</p>	
<p>Language</p>	<p>English</p>		