

Syllabus

Course description

Course title	Modeling Financial Statement
Course code	25435_25436
Scientific sector	SECS-P/07
Degree	Master
Semester	2 nd semester
Year	2020-2021
Credits	6
Modular	No

Total lecturing hours	36
Total lab hours	-
Total exercise hours	-
Attendance	Strongly suggested, but not required
Prerequisites	Advanced Accounting, Advanced Financial Statement Analysis and Advanced Corporate Finance. The knowledge and skills attained in these courses are essential in understanding how to build a financial model and interpret selective operating, credit and equity valuation data. You should also be very proficient in Excel as this course is not designed to teach it.
Course page	

Specific educational objectives	<p>Making educated decisions today by forecasting operating and financial performance is a critical exercise for owners, managers, consultants, investment bankers, creditors, equity and credit analysts, and investors such as private equity groups, hedge funds, institutional investors and individuals. As we are ineluctably constrained by our inability to predict the future, financial projections are rarely perfect. Nonetheless, we endeavor to model several scenarios predicated on historical and anticipated results to derive various conclusions. There are myriad variables, which can certainly be incorporated into projections. However, the best financial model is always the one that is stable and robust, yet simple and easy to build, navigate and audit.</p> <p>The goal of this course is to instruct step-by-step how to build a comprehensive, multi-purpose projection model in Excel and subsequently interpret selective operating, credit and equity valuation data. Based on this information, you will learn how to (i) evaluate a company's operating and financial performance, (ii) develop an appropriate capital structure by structuring debt and equity transactions which not only protect both the creditors and shareholders, but also create an appropriate risk and reward equilibrium, and (iii) formulate an educated investment opinion and propitiously time entry and exit trading points.</p>
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Lecturer	Fabio Ciaponi; Riccardo Andriolo
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Scientific sector of the lecturer	SECS-P/07
Teaching language	Italian

Office hours	please refer to the lecturer's timetable
Lecturing assistant	None
Teaching assistant	None
List of topics covered	Introduction to the financial model Projecting the income statement Projecting the balance sheet Preparing the statement of cash flows Summarizing the analysis Valuation of Business Plans in different setting (start-up, IPO, crisis,...)
Teaching format	The class lectures are based on a projection model of a fictitious publicly-traded company called Victory Sportswear, Inc. Each lecture we will deconstruct the financial model in detail and learn how to replicate it from scratch. As the process of building a projection model is a methodical, sequential process, the topics in the course will be covered in the order listed in the chart on the next page. There is no specified time frame for each step in the process as some will be covered more rapidly than others. Therefore, it is incumbent upon you to attend each lecture to ensure that you extract the most benefit from the course, and thus are able to build a financial model on your own.

Learning outcomes	<p>Knowledge and understanding</p> <ul style="list-style-type: none"> • Advanced knowledge and understanding of financial analysis models that can be used to forecast a firm's operational and financial performance • Advanced knowledge and understanding of how the various types of financial information disclosed by a firm can be combined and put in relations to make projections <p>Applying knowledge and understanding</p> <ul style="list-style-type: none"> • Ability to combine prior knowledge of financial accounting and corporate finance to make detailed projections about a firm's future performance • Ability to use the projection model examined in class to develop forecasts about real firms <p>Making judgments</p> <ul style="list-style-type: none"> • Ability to determine what information is important and what models are adequate in the analysis of specific firms <p>Communication skills</p> <ul style="list-style-type: none"> • Ability to communicate effectively in writing and orally about technical and quantitative matters. <p>Learning skills</p> <ul style="list-style-type: none"> • Ability to search for and find the information necessary for completing in-depth financial analysis.
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Assessment	<p>Passing the exam is based on: For attending students on: Intermediate Exam; Final exam. For those not attending a single written test (100%)</p> <p>The exact evaluation formula will be communicated on the first day of the course.</p>
Assessment language	Italian
Evaluation criteria and criteria for awarding marks	<p>Intermediate Exam: 40% Final exam: 60%</p>
Required readings	<ol style="list-style-type: none"> 1. F. Giunta, M. Pisani, <i>L'analisi di bilancio</i>, Milano, Apogeo, (2016). SOLO PARTE IV (cap. 16-17-18). 2. Materials directly provided by the professor available on OLE & Teams
Supplementary material	Available on OLE & Teams