

Benjamin LORENT Seme Benjamin.Lorent@ulb.be Option	/Semester, Status, Timing ster 1 nal een 16-11-24 and 17-11-24	ECTS", CH & SDL" 0 6 0
Description of the course This course is for intermediate users who want to take Exce that are required by Finance users when they are work Applications) will provide participants with the ability to a amount of work and time to complete can ultimately be users who have an intermediate understanding of Excel ar	ing with their business data. The in automate any Excel task. Excel Tas automated and completed in a sing	troduction to Excel VBA (Visual Basic for its that would normally take an extensive
 Course units How to analyse data with data tables and scenalized tables. Present a DCF modelHow to calculate portfolio (slope formula) How to simulate random numbers like stock prisming the stock of the	XNPV, FV, PV, IRR, XIRR, MIRR, RA o statistics: volatility, correlation, cova ices, in the context of Monte Carlo si	ariance or a stock beta using historical data
 Course Learning Outcomes (CLOs) Analyse data with Data Tables, Scenario Analyse Use main financial formulas: NPV, IRR, FV, PV, F Build amortization and depreciation tables or p Calculate key data for portfolios as volatility, ex Simulate data in Excel like a stock price (in the Know when and why to use VBA Get familiar with the basics of VBA and Excel M Automate Excel task using VBA 	RATE, MIRR resent a DCF model spected return, correlation, beta context of Monte Carlo simulations)	
Prerequisite (if any) /		
Contribution to Programme Learning Objectives (PLOs)" Learning Objective 1.1: Introduction Learning Objective 2.1: Not Covered Learning Objective 3.1: Not Covered Learning Objective 4.1: Not Covered Learning Objective 5.1: Introduction 	••• Evaluation scale Non Applicable	
Main Teaching methods used in the course Guided Instruction, Case Based Learning, Excersises		
Contribution to the Environmental, social and governance Course Contribution to ESG: No Contact Hours are dedicated to ESG: 0 Contact Hours containing climate solutions for how organi Description of contribution: /		

Notice: The information available in the course outline is subject to change. Please keep yourself informed at all times by regularly checking Canvas.

*ECTS - European Credit Transfer and Accumulation System (1 ECTS - 30 hours of learning)
 **CH - Contact Hours in class or online, SDL - Self-Directed Learning including readings, homework, group work, preparation to assessment, etc
 ***PLO - Programme Learning Objectives are available on the curriculum page



AMFM-2425-501-Advanced Excel for Finance and Financial Markets

Assessment methodology / Learners Use of Time and Load

Assignment one

- weight 0% ٠ ٠ workload estimated = 0 hours
- due / ٠
- Guidelines: /

Assignment two

- weight 0% •
- workload estimated = 0 hours ٠
- due / <u>Guidelines:</u> /
- ٠

Readings

Required Financial Modelling by Simon Benninga. The MIT Press.

Recommended

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Other Learning Materials

In-house exercises and cases available in Canvas.

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