

Course Title: Management Accounting with Excel

Instructor: Joscha Tilgner
Assistant: Andrew Reek
Credits: 3 ECTS
Schedule: Winter term
Language: English
Level: Bachelor & Master level
Number of Participants: 25
Registration Deadline: 1st of November, 2021



FB Wirtschaftswissenschaften

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Objective and lecture style: The course aims at familiarizing students with Microsoft Excel as a very useful tool for management accounting applications. After a detailed overview of basic Excel functions as well as its fundamental formulas, students will learn to apply them to real world management accounting problems. The practical application is centered on a young, but running company, with three years of an operating track record. Students will learn to model a basic profit & loss statement, cash flow statement, and balance sheet for the business. Furthermore, for future planning, univariate regression analysis and Monte Carlo Simulation are implemented. The results of these forecasts are then used to prepare a reporting summary for the executive.

Required and recommended readings:

- *We recommend additional background readings of:*
 - Andreas Schüler (2011), "Finanzmanagement mit Excel: Grundlagen und Anwendungen, Vahlen, München
 - Karsten Oehler (2014) „Excel im Controlling für Dummies“, Wiley, Weinheim
 - Ron Person (2013), „Balanced Scorecards and Operational Dashboards with Microsoft Excel“, Wiley, Indianapolis

Participation, registration, and electronic course material: This course is open to bachelor and master students.

Please note: Participation is only possible with a printed script, which is available for 50 EUR. No script means no participation.

For registration, please follow the following procedure:

- Send your CV and an up-to-date transcript of records to Andrew Reek (andrew.reek@wiwi.uni-marburg.de) no later than **1st of November, 2021**
- All details for the payment- and collection process of the script, will be communicated by e-mail

Please note: The number of participants is limited to 25 – first come first serve principle!

Excel files used in the class can be downloaded as the course progresses from ILIAS.

Office and communication: The course team is available for questions and comments by email (andrew.reek@wiwi.uni-marburg.de, tilgner.joscha@googlemail.com).

Policy on academic integrity: Scholastic dishonesty includes but is not limited to cheating, plagiarism, collusions, and the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts. Scholastic dishonesty will not be tolerated under any circumstances and will automatically result in a grade corresponding to "failed".

Timetable and venue: The course takes place during the academic winter term 2021/22 on the **12th, 22st – 24th of November**. Friday the 12th is for voluntary participation for those who are not familiar with basic excel functions. All other dates are mandatory for course participation.

| Date | Friday - 12.11.2021 | Monday - 22.11.2021 | Tuesday - 23.11.2021 | Wednesday - 24.11.2021 |
|-----------------|--|--------------------------------|---------------------------------|-----------------------------------|
| Time | 14.00 -16.00 | 9.00 - 18.00 | 9.00 - 18.00 | 9.00 - 18.00 |
| Lecturer | Andrew Reek | Joscha Tilgner | Joscha Tilgner | Joscha Tilgner |
| Content | Introduction in Excel - Voluntary Participation for those who are not familiar with basic Excel functions | Management Account with Excel | Management Account with Excel | Management Account with Excel |
| Room | online | online | online | online |

Grading: The course grade will be based on a term paper. The 3 ECTS are creditable either as "Schlüsselqualifikation" (bachelor and master) or as part of the AMA-IV (master) module.

Enjoy the course!