

**PROJECT APPRAISAL
2022/2023 – 2nd Semester
Syllabus**

PROGRAM

1. Capital Budgeting: an overview
2. Financial statements recap
3. Project cash flows
4. Long-term financial planning
5. Essential formulae in project appraisal
6. Project analysis under certainty
7. Project analysis under risk
8. Sensitivity and break-even analysis
9. Simulation concepts and methods
10. Resource constraints
11. International Project Appraisal
12. Cost-Benefit Analysis

ASSESSMENT

Final Exam. Students with a final grade higher than 17 may be required to defend their grades in an oral exam.

Exam Dates:

First Sit: 05/06/2023, 18:00-21:00

Second Sit: 30/06/2023, 15:00-18:00

BIBLIOGRAPHY

Main references

Dayananda, D., Irons, R., Harrison, S., Herbohn, J. and Rowland, P. (2002), *Capital Budgeting: Financial Appraisal of Investment Projects*, Cambridge University Press.

European Commission (2014), *Guide to Cost-benefit Analysis of Investment Projects - Economic appraisal tool for Cohesion Policy 2014-2020. D-G for Regional and Urban policy*. https://ec.europa.eu/inea/sites/inea/files/cba_guide_cohesion_policy.pdf

Other references

Berk, J. and DeMarzo, P. (2011), *Corporate Finance*, 2nd Edition, Pearson.

Crundwell, F. (2008), *Finance for Engineers: Evaluation and Funding of Capital Projects*, Springer.

Damodaran, A. (2015), *Applied Corporate Finance*, 4th Edition, Wiley

Götze, U., Northcott, D., Schuster, P. (2011), *Investment Appraisal: Methods and Models*, 2nd Edition, Springer.

Ross, S., Westerfield, R. and Jordan, B. (2021), *Fundamentals of Corporate Finance*, 13th Edition, McGraw Hill, New York.

Boardman, A., Greenberg, D., Vining, Aidan, R. and Weimer, D. (2018), *Cost-Benefit Analysis: Concepts and Practice*, 5th Edition, Cambridge University Press.

Brent, R.J. (2017), *Advanced Introduction to Cost-Benefit Analysis*, Edward Elgar Publishing