

## Analytical Accounting and Cost Accounting (F000853)

**Course size** *(nominal values; actual values may depend on programme)*

**Credits 5.0**

**Study time 150 h**

### Course offerings and teaching methods in academic year 2023-2024

A (semester 2)

Dutch

Gent

lecture

seminar

### Lecturers in academic year 2023-2024

Hoozée, Sophie

EB22

lecturer-in-charge

### Offered in the following programmes in 2023-2024

[Bachelor of Science in Business Economics](#)

crdts

offering

5

A

[Bachelor of Science in Business Engineering](#)

5

A

[Bachelor of Science in Economics](#)

5

A

[Preparatory Course Master of Science in Business Economics](#)

5

A

[Preparatory Course Master of Science in Business Engineering](#)

5

A

### Teaching languages

Dutch

### Keywords

Overhead analysis sheet, two-stage allocation, cost accounting, accounting entries for different manufacturing and service processes, full costing, historical costing, sustainable business

### Position of the course

The purpose of this course is to provide students with insight into firms' analytical cost registration and accounting. Students learn to design analytical cost structures that enable the systematic assignment of costs to cost centres and cost objects in order to calculate the historical cost of goods manufactured and sold, and determine the periodic income per product for different types of manufacturing processes. They also learn the associated accounting entries. Specific attention is devoted to the analytical treatment of waste. Finally, different overhead allocation techniques are discussed and the different cost concepts are applied to service companies and non-profits.

### Contents

- Basic concepts
  - Cost classifications
  - Review of the different cost categories: material usage, personnel, depreciation, interest
- Cost accumulation with absorption costing
  - Overhead analysis sheet, inventory valuation and income measurement
  - Accounting entries
  - Joint products, by-products, scrap and waste
  - Integrated versus interlocking accounting
- Analytical cost calculations and ledger accounts for different types of manufacturing processes
  - Process costing
  - Job order costing
- Allocation of overhead in the overhead analysis sheet
  - Volume-based methods
  - Activity-based costing
- Full costing in service companies and non-profits

**Initial competences**

Profound knowledge of financial accounting

**Final competences**

- 1 Distinguish direct and indirect costs
- 2 Allocate overhead to cost objects through an overhead analysis sheet
- 3 Perform analytical cost calculations and periodic income measurement
- 4 Record the accounting entries of analytical cost calculations
- 5 Translate manufacturing and service processes in cost structures
- 6 Design an analytical cost accounting system

**Conditions for credit contract**

Access to this course unit via a credit contract is determined after successful competences assessment

**Conditions for exam contract**

Access to this course unit via an exam contract is unrestricted

**Teaching methods**

Seminar, Lecture

**Extra information on the teaching methods**

Each session consists of a theoretical lecture and plenary exercises. The tutorials are organized separately for business economics and business engineering students. During the tutorials, students are coached by the instructor and actively work out exercises.

**Learning materials and price**

Textbook:

Bruggeman, W., De Lembre, E., Everaert, P., Hoozée, S., Patfoort, C., 2020. Analytisch boekhouden en kostencalculatie, Intersentia, 15th edition.

Cost: 55 euros

**References****Course content-related study coaching**

In the textbook, all basic techniques and principles are illustrated with examples. The theory slides and the exercise solutions are available on the online learning platform Ufora. Both during the plenary lectures and the interactive tutorials, students can easily ask for further help and clarification.

**Assessment moments**

end-of-term assessment

**Examination methods in case of periodic assessment during the first examination period**

Written assessment

**Examination methods in case of periodic assessment during the second examination period**

Written assessment

**Examination methods in case of permanent assessment****Possibilities of retake in case of permanent assessment**

not applicable

**Extra information on the examination methods**

The exam is entirely written (closed book) and consists of multiple choice questions as well as open questions. There is no standard setting.

**Calculation of the examination mark**