

# COURSE DETAIL

## OPERATIONS MANAGEMENT

**Country**

Netherlands

**Host Institution**

Maastricht University - School of Business and Economics

**Program(s)**

Business and Economics, Maastricht

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Business Administration

**UCEAP Course Number**

106

**UCEAP Course Suffix****UCEAP Official Title**

OPERATIONS MANAGEMENT

**UCEAP Transcript Title**

OPERATIONS MGMT

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

The course focuses on the application of techniques in the area of Operations Management. Covered topics include forecasting, material requirements planning, routing, and scheduling of assembly lines. Addressing these topics, several quantitative techniques (mostly heuristics and metaheuristics) that have shown to be successful in these areas are applied to examples and exercises. The course combines cases, exercises, and discussions, facilitated by your tutor and the students themselves. Prerequisites for this course are basic knowledge of the role and scope of operations management within business; advanced mathematical skills; ability to understand quantitative models and concepts and the application of such models and concepts; moderate level of understanding of simulation; moderate level of knowledge concerning linear programming.

### Language(s) of Instruction

English

### Host Institution Course Number

EBC2064

### Host Institution Course Title

OPERATIONS MANAGEMENT

### Host Institution Campus

Maastricht University

### Host Institution Faculty

School of Business & Economics

### Host Institution Degree

### Host Institution Department

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