

## Sample Course Description

**Faculty: Economy**

**Study program: Business - Administration**

**Course Title: Introduction to Management Science**

**Course Credits: 7**

**Language of Instruction: Albanian**

**Course Description:** Management Science is the application of a scientific approach to solving management problems in order to help managers make better decisions. Management science encompasses a number of mathematically oriented techniques that have either been developed within the field of management science or been adapted from other disciplines. The course provides an introduction to the techniques constituting management science and demonstrates their applications to management problems. Most of the examples presented in the course will be from business organisations because businesses represent the main uses of management science but techniques can be applied to solve problems in different types of organizations including government, military, business and industry, and health care. Various management science techniques are presented, but management science consists of more than just a collection of techniques. Management science encompasses a logical approach to problem-solving.

### **Course Goals:**

On completion of this course students will be able to:

- To learn the application of a scientific approach to solving management problems in order to help managers make better decisions.
- To learn a number of mathematically oriented techniques that have either been developed within the field of management science or been adapted from other disciplines.
- To provide an introduction to the techniques constituting management science and to demonstrate their applications to management problems.
- To learn the excel application of several methods and techniques that can be applied to solve different types of problems.

### **Course Requirements:**

- a. The attendance of the seminars is compulsory in 75% of the hours. Students who do not meet this attendance have no right to attend the final exam.
- b. The evaluation will be done according to the scoring system where the maximum is 100 points.
  - a. At the end of the semester will be a final exam that will evaluate the students' knowledge in the subject of Introduction to the Science of Management.
  - b. There will be a mid-term exam.
  - c. In the lab students will be required to solve in excel several technics.

**Grading:**

Excel points = 10 points

Mid term = 20 points

Final exam = 70 points

Total = 100 points

**Course Schedule:** 3 lectures and 3 seminars/week for 10 weeks.

The Schedule of Activities is subject to change.

## **Sample Course Description**

**Faculty: Economy**

**Study program: Business - Administration**

**Course Title: Production/Operation Management**

**Course Credits: 7**

**Language of Instruction: Albanian**

**Course Description** In this course students will study how operations deliver goods and services. Essentially the course concentrates on how operations are designed, how they are directed, controlled and improved by operations managers. The core activity of any organization is its operations. The course provides conceptual, analytical and practical insights into the effective management of operations in all organizations. The course enables to critically evaluate key concepts and principles of operations management and also the contribution of strategy. Through detailed examples and solved problems, end-of-chapter problems, and application-oriented assignments students learn by doing.

### **Course Goals:**

On completion of this course students will be able to:

- provide students with a critical understanding of the scope and strategic importance of operations management and the role of operations managers; and an appreciation of the interaction of operations with the organisation, employees and customers.
- understand the linkages between process and operations design, business strategy and globalisation.
- understand the different elements of operations and how to analyse an operational environment in terms of these elements.
- appreciate the tools and techniques applicable in the context of operations in global dynamic organisations.
- understand the challenges facing the operations manager to exploit innovative practices (

### **Course Requirements:**

- c. The attendance of the seminars is compulsory in 75% of the hours. Students who do not meet this attendance have no right to attend the final exam.
- d. The evaluation will be done according to the scoring system where the maximum is 100 points.
  - a. At the end of the semester will be a final exam that will evaluate the students' knowledge in the subject of Introduction to the Science of Management.
  - b. There will be a mid-term exam.

**Grading:**

Seminars = 10 points

Mid term = 20 points

Final exam = 70 points

Total = 100 points

**Course Schedule:** 3 lectures and 3 seminars/week for 10 weeks.

The Schedule of Activities is subject to change.