*Course report of*

**Operations Research – MDP 424, spring 2020**

# University: Ain Shams Faculty: Engineering

**Basic Information**

1. **Title and code :**

Operations Management – MDP 424

1. **Programme on which the course is given :**

Design and Production Engineering

1. **Year/ Level of programmes :**

5th level

* 1. **Units/Credit Hours**

( i ) Lecture :

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| --- |
| 3 |
| 2 |
| 5 |

( ii ) Tutorial /Practical : ( iii ) Total :

1. **Names of lecturers contributing to the delivery of the course :**

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| Prof. Amin Mohamed K. Elkharbotly |
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**Course coordinator: External evaluator:**

Prof. Amin Mohamed K. Elkharbotly

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# Statistical Information

**MDP 424**

# Professional Information

**1-- Course Teaching:**

| **No** | **Course Content** | **lecture** |
| --- | --- | --- |
| 1 | Introduction to Production/Operation Management | **3** |
| 2 | Forecasting and Time Series Analysis | **6** |
| 3 | Resource Requirement Planning | **3** |
| 4 | Inventory Policy and Management | **9** |
| 5 | Aggregate Production Planning and Master Scheduling | **8** |
| 6 | Material Requirements Planning | **8** |
| 7 | Just In Time Systems | **2** |
| 8 | Operation Scheduling and Production Control | **6** |
| Total Hours | | 45 |

**Topics Taught as a percentage of the content specified**

>90% 70% - 90% <70 %

**Reasons in detail for not teaching any topic**

There is no topic that has not been taught

**If any topics were taught which are not specified, give reasons in detail**

* 1. **Teaching and learning methods:**

Lectures ‏ے Practical training/laboratory ‏ے Seminar/Workshop ‏ے Class Activity ‏ے

Class activity only before the Corona pandemic

**Case Study:**

Other assignments/homework

If teaching and learning methods were used other than, those specified, list and give reasons

Due to Corona pandemic, teaching was made online using ZOOM system. In addition to the new teaching method it was mandatory to improve presentations to include many details since no direct teaching was possible. Solved examples were also prepared especially for that purpose such that the students can have better understanding of the course material. All assignments were sent through emails, corrected and sent back to students to make necessary modifications. The assignment solutions were prepared in presentation format and presented to students but without giving them the slides

**Student assessment:**

|  |  |
| --- | --- |
| Methods of assessment | Percentage of total |
| Written examination | 90 % |
| Oral examination | 0 % |
| Practical/laboratory work | 0 % |
| Other assignments/class work | 35 % |

**Members of examination committee**

Prof. Amin M. K. Elkharbotly

**Role of external evaluator:**

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* 1. **Facilities and teaching materials:**

Totally adequate ‏ے

Adequate to some extent ‏ے

Inadequate ‏ے

List any inadequacies:

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* 1. **Administrative constraints:**

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* 1. **Student evaluation of the course:**

N/A

* 1. **Comments from instructor**

No negative feedback

* 1. **Comments from external evaluator(s)**

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