Baghdad University

College of Administration and Economics Department of Business Administration

 Program of Ph.D. in Business Administration

Title Course: Operations Management and Supply Chain Year of study: 2015-2016 Second Semester

Number of hours: 3 weekly

Language of study: English and Arabic Professor Ph.D. Ghassan Kasim Dawood AL-Lami

**The Task of Course**

This course presents a state -o-the-art view of the activities of operations w function. Operations are an exciting area of management that has a profound

effect on production and productivity.

The task of this course is to provide Ph.D. students by total comprehensive of philosophical aspects for operations management and supply chain in different organizations manufacturing and service through the use of methods of systematic knowledge and quantity in this topic as that to be effective and able to perform operations of the organization, and linking those processes to achieve the needs of its customers and suppliers to promote the advantage competitiveness.

**Course syllabus (Lectures Scheduling}**

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| **Week No.** | **Contents of Topics** |
| **1** | **Section One: Introduction and Strategy** |
| **Introduction to Operations management and Strategy of operations and Supply Chain.** |
| **2** | **Product and Service Design ه Development.** |
| **3** | **Section Two: Process** **Capacity Planning.** |
| **4** | **Process Design and Analysis** |
| **5** | **Manufacturing Processes, Layout Facility, and Service Processes.** |
| **6** | **Section Three: Supply Chain Design Managing the Supply Chain.** |
| **7** | **logistics and Facility Location.** |
| **8** | **JIT, Lean Operations-** |
| **9** | **Section Four: Planning and Controlling the Supply Chain** |
| **Demand Management and Forecasting.** |
| **10** | **Aggregate Sales and Operations Planning.** |
| 11 | **Inventory Planning and Control.** |
| **12** | **Materials Requirements Planning.** |
| **13** | **Section Five: Scheduling and Maintenance** |
| **Operations Scheduling.** |
| **14** | **Constraint Management.** |
| **15** | **Maintenance Management.** |