**University: Shatt Al Arab University**

**College: administration and economic**

**Department : Business Adminstration**

**Stage: fourth stage**

**Lecturrer Name: Hani Fadhil jumaah**

**Academic Status : assistant prof.**

**Qualification: Dr**



**Republic of Iraq**

**The Ministry of Higher Education and Scintific Resrearch**

**Supervision and Scientific Evaluation Body**

**Course Weekly Outline**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Notes | Number of Hours | Topics Covered | Date | Week |
| review | 3 | The concept of production and operations (types of industries, extractive, aggregate, mixture and the like, and approaches to the study of production and operations) system entrance, job entrance and ten decisions entrance) basics, concepts, entrances and decisions production and operations | 19/9/2024 | 1 |
| Quantitative applications in methods of increasing productivity | 3 | The concept of transfer operations, the difference between the transferred resource and the transformed resource, the difference between service and commodity, and methods of increasing productivity quantitatively and theoretically. Referring in general to the meaning of production and productivity, while talking theoretically about other related measures | 26-9 | 2 |
| Illustrations on the board | 3 | The system and its components and the difference between the commodity system and the service and mixed system | 3/10 | 3 |
| Quantitative applications | 3 | Production, productivity and its indicators  efficiency and effectiveness indicators  And the difference between them  and types of productivity and productivity developed.  In addition to passing on the issue of the fusion of the commodity system with the service system | 17/10 | 4 |
| With pumping exercises and solving many exercises | 3 | Activities Responsible for Production and Operations Management  direct and indirect | 24/10 | 5 |
| with the lecture | 3 | production management goals  Such as specialized goals and performance goals (flexibility, speed, low cost, creativity, quality and reliability). | 31/10 | 6 |
| homework for students | 3 | Production and Operations Management Strategies  Inner and outer balance  Internal and external support | 7/11 | 7 |
| Illustrative charts on the board | 3 | Internal and external failure costs, prevention and correction | 18/11 | 8 |
| Detailed explanation and repeat | 3 | Maintenance, its importance, objectives and types, and the difference between curative, preventive and parallel, consecutive and mixed maintenance  Traditional and engineering availability, number of outages and lack of abundance | 25/11 | 9 |
| For the purpose of understanding the idea well by the students | 3 | Forecasting sales demand | 1/12/2024 | 10 |
| Delving into the strategic interpretation and the stages of preparing production strategies and operations, according to the size, philosophy and nature of the organization's production. | 3 | Qualitative methods for forecasting demand | 8/12/2024 | 11 |
| Exercises on types of maintenance, many home duties, and solving final questions related to maintenance | 3 | Quantitative methods for forecasting demand | 15/12/2024 | 12 |
| And give gas, different topics in it | 3 | Calculation of the overtaking signal t.s. With the drawing of the upper, middle and lower control limits for overtaking and the electronic whistle when an overtaking signal appears. | 22/12/2024 | 13. |
| A comprehensive explanation of all qualitative methods such as the Delphi method and estimates of salesmen | 3 | Location and factors affecting its choice | **29/12/2024** | **14** |
| Executive governance (committees) and market research by collecting data via a questionnaire | 3 | Production capacity and its types and methods of calculating each type | **2/1/2025** | 15 |

**Lecturer signature**