



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

|  |   |  |            |   |   |                                  |   |            |   |
|--|---|--|------------|---|---|----------------------------------|---|------------|---|
| Course Title                                     |   | Production Management  |            |   |   |                                  |   |            |   |
| Course Code                                      |   | İY230  |            | Couse Level   |   | Short Cycle (Associate's Degree) |   |            |   |
| ECTS Credit                                      | 3 | Workload   | 75 (Hours) | Theory  | 1 | Practice                         | 1 | Laboratory | 0 |
| Objectives of the Course                         |   | It aims to focus on the importance of production / operations management in the decision-making process, planning resources, managing stocks and quality to ensure low cost and high efficiency of production systems.                       |            |   |   |                                  |   |            |   |
| Course Content                                   |   | Production systems, production system types, capacity planning, plant location selection, workplace arrangement, job design, job measurement, total production planning, inventory management, total quality management and quality control. |            |   |   |                                  |   |            |   |
| Work Placement                                   |   | N/A  |            |   |   |                                  |   |            |   |
| Planned Learning Activities and Teaching Methods |   |  |            | Explanation (Presentation), Discussion, Case Study, Problem Solving |   |                                  |   |            |   |
| Name of Lecturer(s)                              |   |  |            |   |   |                                  |   |            |   |

### Assessment Methods and Criteria

| Method              | Quantity | Percentage (%) |
|---------------------|----------|----------------|
| Midterm Examination | 1        | 40             |
| Final Examination   | 1        | 70             |

### Recommended or Required Reading

|   |   |
|---|---|
| 1 | Komisyon, (2008), Kamu Maliyesi, Açıköğretim Yayınları, Eskişehir |
| 2 | Pehlivan, O.( 2006), Kamu Maliyesi, Derya Kitabevi, Trabzon       |

| Week | Weekly Detailed Course Contents |   |
|------|---------------------------------|---|
| 1    | Theoretical                     | Aims, Description and History of Production Management                |
| 2    | Theoretical                     | Production Systems  |
| 3    | Theoretical                     | Production Strategies   |
| 4    | Theoretical                     | Product Design and Development, Standardization, Technology Selection |
| 5    | Theoretical                     | Location Selection  |
| 6    | Theoretical                     | Workplace Organizing  |
| 7    | Theoretical                     | Material Transportation, Transportation Vehicles                      |
| 8    | Theoretical                     | Midterm   |
| 9    | Theoretical                     | Genel Tekrar  |
| 10   | Theoretical                     | Maintenance Planning  |
| 11   | Theoretical                     | Stock Control   |
| 12   | Theoretical                     | Work Analysis   |
| 13   | Theoretical                     | Production Planning and Control                                       |
| 14   | Theoretical                     | Quality Control and Total Quality Management                          |
| 15   | Theoretical                     | Quality Control and Total Quality Management                          |
| 16   | Final Exam                      | Quality Control and Total Quality Management                          |

### Workload Calculation

| Activity                                | Quantity | Preparation | Duration | Total Workload |
|---|----------|-------------|----------|----------------|
| Lecture - Theory                        | 1        | 14          | 1        | 15             |
| Midterm Examination                     | 1        | 14          | 3        | 17             |
| Final Examination                       | 1        | 14          | 29       | 43             |
| Total Workload (Hours)                  |          |             |          | 75             |
| [Total Workload (Hours) / 25*] = ECTS   |          |             |          | 3              |
| *25 hour workload is accepted as 1 ECTS |          |             |          |                |

### Learning Outcomes

|   |  |
|---|--|
| 1 | Familiarity with basic concepts of production management |
|---|--|



|   |  |
|---|--|
| 2 | Knowing the design of production systems |
| 3 | Knowing Production planning and control, |
| 4 | Knowing Inventory management             |
| 5 | Knowing Quality management               |
| 6 | Knowing Quality management               |

**Programme Outcomes (Real Estate and Property Management)**

|    |  |
|----|--|
| 1  |  |
| 2  |  |
| 3  |  |
| 4  |  |
| 5  |  |
| 6  |  |
| 7  |  |
| 8  |  |
| 9  |  |
| 10 |  |
| 11 |  |
| 12 |  |
| 13 |  |

**Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High**

|     | L1 | L2 | L3 | L4 | L5 | L6 |
|-----|----|----|----|----|----|----|
| P1  | 2  | 4  | 2  | 3  | 4  | 3  |
| P2  | 3  | 2  | 4  | 4  | 3  | 2  |
| P3  | 4  | 4  | 3  | 3  | 4  | 3  |
| P4  | 3  | 3  | 4  | 2  | 3  | 4  |
| P5  | 4  | 4  | 3  | 3  | 2  | 3  |
| P6  | 2  | 2  | 2  | 4  | 3  | 4  |
| P7  | 4  | 4  | 3  | 4  | 3  | 3  |
| P8  | 3  | 2  | 2  | 3  | 2  | 2  |
| P9  | 2  | 1  | 3  | 2  | 3  | 3  |
| P10 | 3  | 2  | 4  | 3  | 4  | 2  |
| P11 | 4  | 3  | 3  | 2  | 3  | 3  |
| P12 | 3  | 2  | 2  | 3  | 2  | 4  |
| P13 | 2  | 3  | 3  | 1  | 3  | 3  |

