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| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | **Course Name** | | **Code** | **Semester** | **T+U** | **Credit** | **ECTS** | | **Production management** | |  | 3 | 3+1 | 3,5 | 5 | | Prerequisite Courses |  | | | | | | | Language of the Course | Turkish | | | | | | | Type of Course | Compulsory | | | | | | | Course Coordinator |  | | | | | | | Instructor |  | | | | | | | Course Assistants |  | | | | | | | The aim of lesson | To reveal the basic concepts and main decision issues in the field of production management, | | | | | | | Course Learning Outcomes | At the end of this course, the student;   1. Can define production systems and strategies. 2. Understands the function of production in business, production system, production factors systems. 3. Classifies production systems. 4. Defines the criteria to be considered in workplace arrangement. 5. Determines the suitability of the determined production system and strategy for business purposes. 6. Defines and implements facility location strategies and methods. | | | | | | | Course Content | Basic Concepts, Historical development, objectives, functions of Production Management, Production Systems and Development, Product design, Demand forecasts, Establishment location selection, Workplace arrangement | | | | | | | **Weeks** | **Topics** | | | | | | | 1 | Basic concepts | | | | | | | 2 | Historical development, aims, functions of Production Management | | | | | | | 3 | Production Systems and Development | | | | | | | 4 | product design | | | | | | | 5 | Demand forecasts | | | | | | | 6 | Establishment location selection | | | | | | | 7 | workplace arrangement | | | | | | | 8 | logistics management | | | | | | | 9 | Capacity planning | | | | | | | 10 | Repair maintenance planning | | | | | | | 11 | Stock management | | | | | | | 12 | Business analytics | | | | | | | 13 | Production planning and control | | | | | | | 14 | Quality management | | | | | |  |  | | --- | | **General Competencies** | | Students are expected to understand the main topics of this course and use it in their fields and applications. | | **resources** | | lecture notes | | **Evaluation System** | | It is stated in the syllabus at the beginning of the semester. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **WITH PROGRAM LEARNING OUTCOMES**  **COURSE LEARNING OUTCOMES RELATIONSHIP TABLE** | | | | | | | | | | | | | | | | |  | **PO1** | | **PO2** | **PO3** | **PO4** | | **PO5** | | **PO6** | **PO7** | **PO8** | | **PO9** | | **PO10** | | **LO1** | 5 | | 1 | - | - | | - | | - | - | - | | - | | 4 | | **LO2** | 5 | | 1 | - | - | | - | | - | - | - | | - | | 4 | | **LO3** | 5 | | 1 | - | - | | - | | - | - | - | | - | | 4 | | **LO4** | 5 | | 1 | - | - | | - | | - | - | - | | - | | 4 | | **LO5** | 5 | | 1 | - | - | | - | | - | - | - | | - | | 4 | | **LO6** | 5 | | 1 | - | - | | - | | - | - | - | | - | | 4 | | **LO: Learning Outcomes OP: Program Outcomes** | | | | | | | | | | | | | | | | | **Contribution Level** | | **1 Very Low** | | | | **2 Low** | | **3 Medium** | | | | **4 High** | | **5 Very High** | |   Relation of Program Outcomes and Related Course   |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **lesson** | **PO1** | **PO2** | **PO3** | **PO4** | **PO5** | **PO6** | **PO7** | **PO8** | **PO9** | **PO10** | | Production management | 5 | 1 | - | - | - | - | - | - | - | 4 | |