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|  | **Óbuda UniversityKeleti Faculty of Business and Management** |
| **Unit of Study:** | Production Management | **Subject code:** | GVXTM1ABNE |
| **Institute:**  | Department of Enterprise Management (1084 Budapest, Tavaszmező str. 15-17.)  | **Credits:**  | 4 |
| **Course type:**  | Full-time | **Language:**  | English | **Term:** | Fall / Spring |
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| **Major:**  |  |
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| **Lecturer-in-charge:**  | Regina Zsuzsánna Reicher, Ph.D. | **Lecturer(s):**  | Regina Zsuzsánna Reicher, Ph.D. |
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| **Prerequisites:**  | None |
| **No. of sessions per week/term:** | Weekly | **Lecture:**  | 1 | **Seminar:**  | 2 | **Lab:**  | 0 | **Consultation:**  | 0 |
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| **Exam/Course assignment:**  | Midterm exam |
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| **Course objectives:**  | Goals of the course students learn the manufacturing and service processes, these specific elements, some market relations, production methods, and to develop problem-solving skills. |
| **Course assessment:** | Lectures and exercises regularly visit. Exercises visit is mandatory and is checked according to the RSE.The condition of obtaining of the mid-term mark are:- every student must do a presentation- mid-term test successfully writing the ont the 8th and 14th weeks. |
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| **Week(consultation)** | **Course content** |
| **1.** | The process of developing production management. |
| **2.** | Mass production and product life cycles, product-process matrix. Economies of scale |
| **3.** | Forecasting models - demand a permanent basis |
| **4.** | Forecasting models - trends and seasonality |
| **5.** | Forecasting models - error checking and model |
| **6.** | Short-term capacity analysis and planning I.; Short-term capacity characteristics; Demand and capacity management |
| **7.** | Short-term capacity analysis and planning II.; Learning Effect; Reliability of production systems |
| **8.** | TAKE TEST |
| **9.** | Inventory Management Planning; Presentations |
| **10.** | Determination Inventory Level; Presentations |
| **11.** | Case Study Processing (short film or invited lecturer); Presentations |
| **12.** | Material Requirements Planning and Enterprise Resource Planning systems; Presentations |
| **13.** | Just in time (Just-in-Time) systems. Kanban; Presentations |
| **14.** | TAKE TEST |
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| **Assessment (method of assessment, make-ups and re-sits):**  | Requirements for the signature: Attendance on seminar is obligatory. Maximum 2 absenteeism is allowed. Being absent more than 2 times, students will be removed from the register. Students take a test on the 8th and 14th educational week.Evaluation of the end term mark: End term mark is equal with the mark of the successful test or retakeEvery student has to make a presentation in groups (group/3 persons). You can choose the topic on 3th or 4th week.Scoring:Mark 1: 0-50 % insufficientMark 2: 51-60 % satisfactoryMark 3: 61-74 % mediumMark 4: 75-85 % goodMark 5: 86-100 % excellent |
| **Course completion (written or oral exam, test, etc.):** | mid-term writing test |
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| **Compulsory literature:** | Linda Gorchels PRODUCTION MANAGEMENT: The Product Managers Handbook - The Complete Product Management Resource.e-learning system |
| **Recommended literature:**  | Lot of different literatures. You can find ont he e-learning system |
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| **Additional material:**  | Accounting Act (can be found in Moodle too)List of terms |
| **Quality management aspects:** | TÜV CERT EN ISO 9001:2000 |