

**Module (Course Syllabus) Catalogue**

**2022-2023**

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| **College/ Institute** | **Erbil Administrative Technical College** | |
| **Department** | **Department of Technical Management** | |
| **Module Name** | **Materials Management** | |
| **Module Code** | **MAM801** | |
| **Degree** | **Technical Diploma Bachelor High Diploma Master PhD** | |
| **Semester** | **8th** | |
| **Qualification** | **Master in business management** | |
| **Scientific Title** | **Lecturer** | |
| **ECTS (Credits)** | **6** | |
| **Module type** | **Prerequisite Core Assist.** | |
| **Weekly hours (theory)** | **2 hours** |  |
| **Weekly hours (Practical)** | **( 2 ) hr Class** | **( ) Total hrs Workload** |
| **Number of Weeks** | **15** | |
| **Lecturer** | **Baderkhan Abdulla Omer** | |
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| **Websites** |  | |
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**Course Book**

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| **Course**  **Description** | Material management ensures the availability right materials in the production process, with minimum wastage; in a right time. Effective material management is able to reduce the overall cost of material. It can be used to ensure a satisfactory quality in production | | | | |
| **Course objectives** | * Maximize the use of the firm’s resources. * Provide the required level of customer service. * To get the most value out of resources and production processes. | | | | |
| **Student's obligation** | • Reading and understanding of study notes  • Participation in forum and discussions  • Participation in active communication with the lecturer  • Regular assignment submission and do self-evaluation quizzes regularly  • Lab required during studying  The attendance of students in lectures will have extra credit. He / she is required to continuously follow the lectures, submits homework and assignments. Expect quizzes any time. | | | | |
| **Required Learning Materials** | Lectures notes, videos, audios, platform-based conferences, homework exercises, homework correction and guidance, live consultation and problem-solving, self-study. Hall, projector, lab materials. | | | | |
| **Evaluation** | ‌ **Task** | | **Weight (Marks)** | **Due Week** | **Relevant Learning Outcome** |
| Paper Review | |  |  |  |
| **Assignments** | Homework | 6% | 4th & 6th |  |
| Class Activity | 2% | All |  |
| Report | 8% | 5th |  |
| Seminar | 8% | 2nd |  |
| Essay | 8% | 8th |  |
| Project |  |  |  |
| Quiz | | 4% | All |  |
| Midterm Exam | | 24% |  |  |
| Final Exam | | 40% |  |  |
| Total | | 100% |  |  |
| **Specific learning outcome:** | 1. The importance of maximize the use of the firm’s resources. 2. How to provide the required level of customer service. 3. How to get the most value out of resources and production processes. 4. Manipulate management systems and tools and to fil systems 5. Manage the stock | | | | |
| **Course References‌:** | Stephen N. Chapman  J. R. Tony Arnold  Ann K. Gatewood  Lloyd M. Clive  Introduction to Materials Management   * EIGHT EDITION - PERSON 2017 * *Business Principles and Management*, 12th edition. James L. Burrow, Brad Kleindl, and Kenneth E. Everar. | | | | |
| **Course topics (Practical)** | | | | **Week** | **Learning Outcome** |
| Course Introduction and Overview, Introduction to Materials Management | | | | 1st | **1** |
| Production Planning System | | | | 2nd | **1** |
| Material Requirements Planning | | | | 3rd | **4** |
| Capacity Management | | | | 4th | **4** |
| Production Activity Control | | | | 5th | **3&4** |
| Forecasting and Demand Management | | | | 6th | **5** |
| **Midterm Exam** | | | | | |
| Inventory Fundamentals | | | | 7th | **2** |
| Physical Distribution | | | | 8th | **2** |
| Physical Inventory and Warehouse Management | | | | 9th | **4** |
| Independent Demand Ordering Systems | | | | 10th | **2** |
| Order Quantities | | | | 11th | **5** |
| Purchasing | | | | 12th | **3** |
| **Final exam** | | | | | |
| **Questions Example Design**   |  |  | | --- | --- | | ***Compositional*** | • **In this type of exam the questions usually starts with Explain how, What are the reasons for…?, Why…?, How….?** | | ***True or false type of exams:*** | • **In this type of exam a short sentence about a specific subject will be provided, and then students will comment on the trueness or falseness of this particular sentence.** | | ***Multiple choices:*** | • **In this type of exam there will be a number of phrases next or below a statement, students will match the correct phrase.** | | ***Fill in the Blank*** | • **Fill in the blank questions are distinguished by the text box located in within the question text. Test-takers are only allowed to type one answer for each text box** | | | | | | |
| **Extra Note**  This course is organised in such a way that the theoretical concepts are applied in conjunction with the practical subject of material management. Students are encouraged to search also after the regular supervised semester content. | | | | | |
| **External evaluator**  I do approve the content of this course-book. It does cover the described above. The topics are broad and are aimed to equip students with required knowledge to enable them to understand the subject. | | | | | |