Sample Course Description Inventory Planning and Control

1. Course Name	
Inventory Planning and Control	
2. Course Sign :	
WBA-21-07	
3. Semester/year	
The first course	
4. Date of preparation of this description:	
1/10/2024	
5. Available attendance forms	
In-person + online (when needed)	
6. Number of study hours (total) / number of units (total) :	
2 hours / 2 units	
7. Course Admin Name	
Name: M. M. Wahad Rahim Jihad Email: wihad.raheem@uowa.edu.iq	
8. Course Objectives	
Objectives of the course	✓ Providing students with the basics and concepts of stock management ✓ Ensure materials are available on time Qty Quality Cost Appropriate ✓ Improving the flow, handling and preservation of materials within the facility ✓ Balancing demand, retention and depletion costs to maximize efficiency ✓ Supporting purchasing decisions through quantitative and statistical demand forecasting ✓ Build an effective inventory coding and tracking system ✓ Establish control measures that reduce waste and increase operational readiness
9. TEACHING AND LEARNING STRATEGIES	
Strategy	✓ Theoretical lectures supported by presentations (Mindomo). ✓ Class discussions and analysis of case studies.

	✓ Project learning (reporting and short research). ✓ Take advantage of electronic and library resources.

10. Course Structure

Week	Hours	Intended Learning Outcomes	Module / Course Name or	method of learning	Valuation method
1	2	Understand the concept, importance, steps and factors and distinguish key terms	Introduction to Storage Management Concept Importance Steps and Factors	Lecture + Discussion	Oral questions
2	2	Identify storage requirements, distinguish between species, and understand relationships within the system	Requirements for inventory management, types and relationships	Lecture + Participation	Quiz
3	2	Classification of application, retention and access costs and estimation of their impact on the operational decision	Storage costs Demand, retention and access	Lecture + practical examples	Short Report
4	2	Apply quantitative methods to estimate demand and build basic expectations	Forecasting the demand for stored materials Quantitative methods	Lecture + discussion groups	Long Report
5	2	Apply statistical methods to estimate demand and verify the accuracy of forecasting	Forecasting the demand for stored materials Statistical methods	Lecture	Quiz
6	2	Preparing a purchase plan for regular consumption and determining the appropriate quantities and timings	Scientific planning for the purchase of material needs in case of regular consumption	Lecture	school work, ought, duty, onus, must, task, trust, imperative, obligation, office
7	2	Diagnosing phenomena and problems, analyzing causes and	Information on phenomena and problems	Lecture	**Quiz**

		proposing treatments			
8	2	Exam-i	First Exam	Writing / Attendance	Monthly Quiz
9	2	Measure the achievement of learning outcomes for previous modules and identify areas for improvement	Calculating the economic quantity of the order and deducting the quantity	Lecture	school work, ought, duty, onus, must, task, trust, imperative, obligation, office
10	2	Diagnosing phenomena and problems, analyzing causes and proposing treatments	Planning for residues and waste of production and storage	Lecture	Short Report
11	2	Choosing appropriate handling methods and applying coding and tracking systems	Handling and coding	Lecture	Quiz
12	2	Identify levels and requirements and build indicators for monitoring and follow-up	Storage control Concept Importance Requirements Levels	Lecture + Exercise	storage
13	2	Building an integrated control system and applying relevant steps and areas	Control of storage components, fields, steps and factors	Lecture + Discussion	school work, ought, duty, onus, must, task, trust, imperative, obligation, office
14	2	Understanding the application of control tools	Storage Control Tools	Follow up	Classroom Participation
15	2	A final test	final examination	Writing / Attendance	Final Examination

11. Course Evaluation

Distribution of the score of 100 according to the tasks assigned to the student such as daily preparation, daily, oral, monthly and written examinations and reports .... Etc.

Preparation and Class Participation: 10 marks
Attendance:10 marks
First Month Examination:15 marks
Second Month Examination: 15 marks

Final Exam :50 marks **Total = 100 marks**	
12. Learning and Teaching Resources	
Required textbooks	Planning and Storage Control – Jassim Nasser Hussein ,Sabah Majeed Al-Najjar , Hamid Khairallah Salman
Electronic references, websites ,…..	Scientific journals and research onsupply management