Ministry of Higher Education and Scientific Research

Supervision and Scientific Evaluation Body

Department of Quality Assurance and Academic Accreditation

Course Description Form

Description Course	Quantitative System Business QSB

This course description provides a brief summary of the most important characteristics of the course and the learning outcomes expected of the student to achieve, demonstrating whether he has made maximum use of the available learning opportunities. These characteristics have to be matched with the description of the program.

1. Educational Institution	Shatt Al-Arab University College
2. Department / Center	Business Administration
3. Course Title /Code	Quantitative System Business BA325
4. Lecturer Name	Professor Mohammed Abood Tahir
5. Type of Teaching	Attendance Class
6. Academic Year /Term	First Semester - Stage (3)
7. Total No. of Teaching Hours	45

8. Date of Preparing this Course Description	2-10-2022

9. Course Objectives

a. Providing students with the most important principles and basics of (Quantitative System Business)
b.Teaching students how to apply (Quantitative System Business)
c. Providing graduates with the necessary knowledge on (Quantitative System Business)
d. Improving the administrative skills in the field of (Quantitative System Business)
e. Providing graduates with the skills of education and creative learning.

10. Course Output, Methodology and Evaluation

(A) Cognitive Objectives

a. Enabling students to acquire knowledge and the art of (Quantitative System Business)
b. Acquainting students with how to promote their personal knowledge.
c. Helping students to acquire knowledge in the art of (Quantitative System Business)
d. Enabling students to sharpen their skills in the dynamic work environment.
e. Enabling students to invest their scientific abilities in their working place in the scope of (Quantitative System Business)
f. Helping students to get the necessary knowledge to solve problems (Quantitative System Business)

(B) Skill Objectives Related to the Program:

a. Scientific Skills
b. Leadership Skills
c. Skills Related to Administrative Work Challenges

Methods of Teaching and Learning

a. Using already– prepared lectures.
b. Using up–to–date data shows.
c. Homework
d. Adopting group discussions.

Methods of Evaluation

a. Oral tests
b. Monthly tests
c. Daily quizzes
d. Students' Regular Attendance

(C) Sentimental and Value Objectives

a. Realizing ethical objectives.
b. Commitment to university traditions.
c. Compliance with the University Instructions and the Ministry Regulations.
d. Promoting students' personal abilities in educational scopes and how to behave well with others.

Methods of Teaching and Learning

a. Lectures on university instructions.
b. Educational guidance lectures.
c. Continuous directing.
d. Visiting State and private institutions.
e. Showing practical cases.

Methods of Evaluation

a. Daily quizzes.
b. Classroom discussions and commitment to ethics and sublime values.
c. Special marks for class activities.
d. Monthly and quarterly evaluation.

D) General and Qualitative Skills (other skills related to the ability of employment and personal development)

a. Enabling students to acquire the skill and art of (Quantitative System Business)
b. Enabling students to apply creative thinking in (Quantitative System Business)
c. Enabling students to use modern methods of analysis and conclusions.
d. Enabling students on (Quantitative System Business)

11. Course Structure

Week	No of Hours	Required Learning Output	Title of Subject	Teaching Method	Evaluation
1	3	student understands the subject	How to run QSB	– lectures – case study –discussions	– oral tests –questions
2	3	student understands the subject	commands and tools of the QSB	– lectures – case study –discussions	– oral tests –questions
3	3	student understands the subject	Graphical method for solving linear programming	– lectures – case study –discussions	– oral tests –questions
4	3	student understands the subject	Simplex method	– lectures – case study –discussions	– oral tests –questions
5	3	student understands the subject	Solving Integer Programming problems	– lectures – case study –discussions	– oral tests –questions

6		student understands the subject	Solving Goal Programming Problems	– lectures – case study –discussions	– oral tests –questions
7		student understands the subject	Transportation Models	– lectures – case study –discussions	– oral tests –questions
8		student understands the subject	Assignments	– lectures – case study –discussions	– oral tests –questions
9		student understands the subject	Solving Shortage Path problems	– lectures – case study –discussions	– oral tests –questions
10		student understands the subject	Solving Shortage Path problems	– lectures – case study –discussions	– oral tests –questions
11		student understands the subject	Solving Salesman problems	– lectures – case study	– oral tests –questions

				–discussions	
12		student understands the subject	Solving Queuing Problems	– lectures – case study –discussions	– oral tests –questions
13		student understands the subject	Solving Queuing problems	– lectures – case study –discussions	– oral tests –questions
14		student understands the subject	Solving Network problems	– lectures – case study –discussions	– oral tests –questions
15		student understands the subject	General review	– lectures – case study –discussions	– oral tests –questions

12.Infrastructure

a. Textbooks	QSB by Mohammed Abood Tahir
b. References	QSB by K. Althary
c. Recommended books and periodicals (journals, reports, etc.)	
d. Electronic references, internet websites, etc	

13. The Plan of Improving the Course

a. Studying labor market needs.
b. Be informed of the experiences of other countries in the field of (Quantitative System Business)
c. Be informed of research work published in national and international journals in the field of Principles of (Quantitative System Business)