The course description provides a summary of the most important course characteristics and the learning outcomes expected of the student to achieve, demonstrating whether they have made the most of the available learning opportunities. It should be linked to the description of the program.

1. College	College of Islamic Sciences / Warith Al-Anbiya University
2. Scientific Department	Department of Islamic Banking and Finance
3. Teaching Name	Eng. Mohammed Haider Mohammed
4. Stage	The second
5. Course Name/Code	Mathematics (1)
6. Semester / Year	Second Semester
7. Number of Hours (Total)	45
8. Date of this description	15-9-2024

9. Course Objectives

Introducing the basics of financial mathematics and its uses in banking and business administration.
Linking mathematics to the financial aspect and its applications in various joints of banking, administrative and financial work.
Enriching the student with basic mathematical information that paves the way for entering practical life.

10. Course Outputs and Methods of Teaching, Learning and Assessment

A. Cognitive Objectives
A1. Knowing the relationship between mathematics and finance
A2. Applying mathematics in the financial field.
A3- The use of financial mathematics in banks
A4. Using Financial Mathematics in Business Administration
A5- Linking financial mathematics to the investment sector

B . Skills objectives of the course
B1 - Ability to understand and deal with the fundamentals of financial mathematics
B2 – Ability to summarize, read and understand the lesson
B3 – Ability to discuss in class
B4- Ability to solve mathematical problems related to the study class.

Teaching and learning methods

Solving mathematical problems related to financial mathematics presented in weekly lectures

Evaluation methods

Theoretical exams (daily, monthly and quarterly) and answering daily questions in lectures

C. Emotional and Value Goals
A1- Conviction that financial mathematics is an integral part of the world of finance and business
C2. Conviction of the necessity of taking the course and the desire to understand all its details.
C3. Ability to read the course and solve the tasks associated with it with enthusiasm.

Teaching and learning methods

Continuous Mentoring of Students
Ongoing discussions with students to reach a deeper understanding of the course

Evaluation methods

Student Participation in the Classroom Regarding the Course
Discussions with students in the course
Continuous interviews of the student and his observation by the teaching assistant

d. General and qualifying skills transferred (other skills related to employability and personal development).
  D1- Speed in acquiring information and the ability to make optimal use of it
  D2. Self-learning skills
  D3. Communication skills and the ability to deal with incoming information

11. Course Structure

Evaluation Method	Method of education	Unit Name/Topic	Required Learning Outcomes	Hours	The week
Exams	Lectures	Mathematics (1)	Introduction to the basics of simple interest	2	The first
Exams	Lectures	Mathematics (1)	The Shortcut Method of Calculating Interest and Sentence	2	Second
Exams	Lectures	Mathematics (1)	Equal periodic payments	2	Third
Exams	Lectures	Mathematics (1)	Short-term loan repayment	2	Fourth
Exams	Lectures	Mathematics (1)	Debt Discount and Cutting Commercial Papers	2	V
Exams	Lectures	Mathematics (1)	Short-Term Debt Replacement	2	Sixth

Exams	Lectures	Mathematics (1)	Wholesale Compound Interest	2	Seventh
Exams	Lectures	Mathematics (1)	Community values with interest	2	Eighth
Exams	Lectures	Mathematics (1)	Total Equal Periodic Payments with Compound Interest	2	Ninth
Exams	Lectures	Mathematics (1)	Present Value of Equal Periodic Payments	2	X
Exams	Lectures	Mathematics (1)	Repayment and deferral of long-term loans	2	Eleventh
Exams	Lectures	Mathematics (1)	Replacement of long-term loans	2	Twelfth
Exams	Lectures	Mathematics (1)	Bond Valuation	2	Thirteenth
Exams	Lectures	Mathematics (1)	Depreciation of bonds	2	Fourteenth

12. Infrastructure

The Mathematics of Money and Investment (Simple and Compound Benefits) Prof. Dr. Abdel Salam Lifta Saeed /2013	1- Required Textbooks
Significance Mathematics Book/ Dr.M. Mustafa Obeid 2000	2- Key Reference(s)
Scientific Journals in the Core Specializations	1) Recommended Books and References (Scientific Journals, Reports, ...)

Websites specialized in the study of the Dadah	2) Electronic References, Websites

13. Course Development Plan (Suggested Vocabulary)

Endorsement of the Head of the Department

College

Endorsement of the Dean of the