



Course Descriptor  
**INTE209 Business Requirements Modelling**

<b>Proposed Academic Year</b>	2021/ 2022	<b>Last Reviewed Academic Year</b>	2020/2021
<b>Course Code</b>	INTE209	<b>Course Title</b>	Business Requirements Modelling
<b>Credit hours</b>	3	<b>Level of study</b>	Undergraduate-Year Second
<b>College / Centre</b>	COBA	<b>Department</b>	MIFS
<b>Co-requisites</b>	None	<b>Pre-requisites</b>	INTE201

### 1. COURSE OUTLINE

[This course will introduce students to the fundamentals of business requirements modeling in the field of IT. Students will be able to use the information captured from the system and improve the quality of the system. They will be able to explore the basics for agile and non-agile software engineering principles, and techniques using statistical decision-making tools and mathematics.]

### 2. AIMS

[This course aims are to equip students to apply fundamental knowledge and skills of business requirement modeling techniques and their application to capture and model the business requirements.]

### 3. LEARNING OUTCOMES, TEACHING, LEARNING and ASSESSMENT METHODS

<b>Learning Outcomes (Definitive)</b>	<b>Teaching and Learning methods (Indicative)</b>	<b>Assessment (Indicative)</b>	
Upon successful completion of this course, students will be able to:			
<b>1. Demonstrate general understanding of the business requirement modeling</b>	e.g, lectures, online videos tutorials and seminars, online group discussions using LMS, independent readings, individual or group work, presentation.	e.g., tests, assignments, individual or group project, participation	Knowledge of a discipline.
<b>2. Describes the business requirement modeling concepts and techniques</b>	e.g, lectures, online videos tutorials and seminars, online group discussions using LMS, independent readings, individual or group work, presentation.	e.g., tests, assignments, individual or group project, participation	Knowledge of a discipline.
<b>3. Discuss the modeling techniques and relationship</b>	e.g, lectures, online videos tutorials and seminars, online	e.g., tests, assignments,	Knowledge of a discipline.



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	group discussions using LMS, independent readings, individual or group work, presentation.	individual or group project, participation	
4. Evaluate the business requirement modeling methods and tools	e.g, lectures, online videos tutorials and seminars, online group discussions using LMS, independent readings, individual or group work, presentation.	e.g., tests, assignments, individual or group project, participation	Knowledge of a discipline.

#### 4. ASSESSMENT WEIGHTING

Assessment	Percentage of final mark (%)
Mid-term Exam	30
Final Exam	30
Assignments	30
Participation	10
<b>TOTAL</b>	<b>100%</b>

#### 5. ACHIEVING A PASS

Students will achieve 3 credit hours for this course by achieving a minimum overall score of 50%  
***NB \*Ensure that ALL learning outcomes are taken into account***

#### 6. COURSE CONTENT (Indicative)

LECTURE TOPIC	TIME (HOURS)
Chapter 1: Introduction to business requirement modeling	6
Chapter 2: Modelling business requirements and the relationships	6
Chapter 3: Modelling more complex relationships	6
Chapter 4: Drawing and validating information model diagrams	6
Chapter 5: Recording information	6
Chapter 6: Rationalising data using normalisation	6



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Chapter 7: Other modelling notations	6
Chapter 8: Information model quality and data and databases	6
<b>TOTAL HOURS</b>	<b>45</b>
Plus <b>RECOMMENDED INDEPENDENT STUDY HOURS</b>	
<b>TOTAL COURSE HOURS</b>	<b>45</b>

**7. RECOMMENDED READING**

**Core text/s:**

1- Modelling Business Information, by Keith Gordon  
 Publisher: BCS Learning & Development Limited  
 Release Date: September 2017  
 ISBN: 9781780173535

**Library + online resources: ASU library  
 ASU online resources (ProQuest and e-library) and  
 Sultan Qaboos University Library.**

