



# Course Specification

## (Bachelor)

**Course Title:** Analysis Solution Evaluation

**Course Code:** BIDA290

**Program:** Business Intelligence and Data Analysis

**Department:** Computer

**College:** Applied college

**Institution:** Najran University

**Version:** 1

**Last Revision Date:** 12/12/1446



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## A. General information about the course:

### 1. Course Identification

1. Credit hours: ( 3 hours )

#### 2. Course type

A. ☐ University ☐ College ☐ Department ☐ Track ☐ Others  
B. ☒ Required ☐ Elective

3. Level/year at which this course is offered: (2nd year, Term 5.)

#### 4. Course General Description:

Explore the concepts and tasks involved in evaluating the performance and the value of ghhnnngnnngngngne analyzing actual values being delivered by use of performance measure. Comparing results to desired or expected value. Identifying limitations within the solution itself and within the organization that prevents value from being realized; and making recommendations to increase value and performance of the solution. Learners strive to enhance the performance and value of a solution and recommend the removal of barriers or constraints that prevent the full realization of the value

#### 5. Pre-requirements for this course (if any):

BIDA100

#### 6. Co-requisites for this course (if any):

#### 7. Course Main Objective(s):

- Builds on the foundation skills developed in BIDA100 BI and DA Fundamentals.
- Students apply concepts involved in evaluating the performance and value of solutions deployed by an organization
- Students learn to perform tasks that enhance the performance and value of solutions.

### 2. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	36	100%
2	E-learning		
3	Hybrid		





No	Mode of Instruction	Contact Hours	Percentage
	<ul style="list-style-type: none"> <li>Traditional classroom</li> <li>E-learning</li> </ul>		
4	Distance learning		

### 3. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	Lectures	36
2.	Laboratory/Studio	
3.	Field	
4.	Tutorial	
5.	Others (specify)	
Total		36

## B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Code of PLOs aligned with the program	Teaching Strategies	Assessment Methods
1.0	Knowledge and understanding			
1.1	K1 Summarize key concepts of solution evaluation	K2	Reading Class Discussion Presentation	<ul style="list-style-type: none"> <li>Quizzes</li> </ul>
2.0	Skills			
2.1	S1 Measure solution performance	S2, S4	Reading Class Discussion Presentation Lab Activities	Exam Lab Activities
2.2	S2 Analyze performance measures	S2, S4	Reading Class Discussion Presentation Lab Activities	Exam Lab Activities
2.3	S3 Assess solution limitations	S2, S4	Reading Class Discussion Presentation Lab Activities	Exam Lab Activities





Code	Course Learning Outcomes	Code of PLOs aligned with the program	Teaching Strategies	Assessment Methods
	S4 Assess enterprise readiness	S2, S4	Reading Class Discussion Presentation Lab Activities	Exam Lab Activities
	S5 Improve solution performance	S2, S4	Reading Class Discussion Presentation Lab Activities	Exam Lab Activities
<b>3.0</b>	<b>Values, autonomy, and responsibility</b>			
3.1	V1 Demonstrate professionalism	V2	Case Study Problems	Capstone Project
3.2	V2 Function effectively as a member of a team	V1	Group Project Case Study Problems	Capstone Project
...				

### C. Course Content

No	List of Topics	Contact Hours
1.	Introduction to evaluation in business analysis: purpose and objectives	3
2.	Defining evaluation criteria: establishing matrix for measuring solution success	3
3.	Cost-Benefit Analysis: assessing the financial viability of the solution	3
4.	Risk analysis and mitigation: evaluating potential risk and developing Contingency plans	3
5.	Stakeholder feedback and user Acceptance Testing: Gathering User Input and Satisfaction	4
6.	Impact Analysis: Assessing the Potential Effects of the Solution on the Business and Stakeholders	4
7.	Performance Measurement: Evaluating the Solution's Performance Against Key Metrics	4
8.	Compliance Evaluation: Ensuring the Solution Meets Regulatory and Legal Requirements	4
9.	Scalability and Sustainability Analysis: Determining the Solution's Ability to Grow and Adapt Over Time	4
10.	Lessons Learned and Continuous Improvement: Identifying Areas for Enhancement and Optimizing the Solution's Value	4
<b>Total</b>		<b>36</b>



## D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Case study	TBD	TBD
2.	Oral presentation	TBD	TBD
3.	Final exam	TBD	TBD
...			

\*Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.).

## E. Learning Resources and Facilities

### 1. References and Learning Resources

Essential References	Title: the PMI guide to busseness analysis publisher:Project Management Institute publisher year: 2008 author: Project Management Institute ISBN: 1628251980
Supportive References	
Electronic Materials	
Other Learning Materials	

### 2. Required Facilities and equipment

Items	Resources
<b>facilities</b> (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	Classroom
<b>Technology equipment</b> (projector, smart board, software)	Smartboard Presentation Technology Computer with MS Office
<b>Other equipment</b> (depending on the nature of the specialty)	Classroom

## F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	students	Questionair
Effectiveness of Students assessment	Faculty staff	Exam. Assignments quiz



Assessment Areas/Issues	Assessor	Assessment Methods
Quality of learning resources	students	Questionair
The extent to which CLOs have been achieved	Faculty staff	Learning outcome measurement program
Other		

**Assessors** (Students, Faculty, Program Leaders, Peer Reviewers, Others (specify))

**Assessment Methods** (Direct, Indirect)

### G. Specification Approval

COUNCIL /COMMITTEE	المجلس التنفيذي رقم
REFERENCE NO.	4600081176
DATE	22/12/1446

