T-104
2022

Course Specification
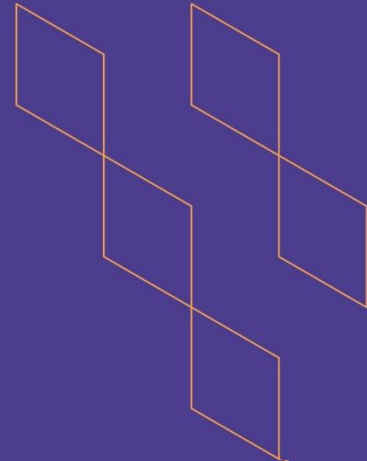
Course Title:	**IS Project Management**
Course Code:	**IS1504**
Program:	**Computer Information Systems**
Department:	**Computer Information Systems**
College:	**Computer Science & Information Technology**
Institution:	**Al-Baha University**
Version:	**T104 – V2**
Last Revision Date:	**May 25, 2023**

Table of Contents:

A. General information about the course:

Course Identification	
1. Credit hours:	3 Credit Hours (3, 0, 0) (Lecture, Lab, Tutorial) (3 Contact Hours)

2. Course type

a.	University ☐	College ☐	Department ☒	Track ☐	Others ☐
b.	Required ☒	Elective ☐			

3. Level/year at which this course is offered:	7th Level/3rd Year

4. Course general Description

This course discusses the processes, methods, techniques, and tools organizations use to manage their information systems projects. The course covers a systematic methodology for initiating, planning, executing, controlling, and closing projects. It assumes that project management in the modern organization is a complex team-based activity, where various types of technologies (including project management software and software to support group collaboration) are an inherent part of the project management process. This course also acknowledges that project management involves the use of resources from within the firm and contracted from outside the organization.

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

IS1252-Systems Analysis and Design 2

6. Co- requirements for this course (if any): None

7. Course Main Objective(s)

The main purpose of this course is to enable the students to be aware of IT project management through understanding and describing the main concepts of IT projects in general, understanding the need for project management and how the projects are managed, and exploring the IT context of project management. Also, the students will be able to describe the systems theories, organization structure, and culture, understand the project management process groups, recognize the project initiation, management of integration, scope, time, and cost, describe the management of quality, human resource, communications, use the risks management strategies, procurement, stakeholders, and practice on covered topics by solving given assignments periodically.

1. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1.	Traditional classroom	30	100%
2.	E-learning	-	-
3.	Hybrid • Traditional classroom • E-learning	-	-
4.	Distance learning	-	-

2. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	Lectures	30
2.	Laboratory/Studio	-
3.	Field	-
4.	Tutorial	-
5.	Others (specify)	-
	Total	30

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

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
1.0	Knowledge and understanding			
1.1	Describe the main concepts of IT projects in general, the need for project management, how the projects are managed, and the IT context of project management.	K3	- Lectures - Class discussions - Assignments	*Direct Assessment Tool* -Homework -Midterm Exam -Quiz -Final Exam *Indirect Assessment Tool* Course Exit Survey
1.2	Explain the systems theories, organization structure, culture, and project management process groups.	K3	-Lectures - Class discussions -Assignments	*Direct Assessment Tool* -Homework -Midterm Exam -Quiz -Final Exam *Indirect Assessment Tool* Course Exit Survey
1.3	Realize the project initiation, integration management, scope, time, and cost.	K3	-Lectures - Class discussions -Assignments	*Direct Assessment Tool* -Homework -Midterm Exam -Quiz -Final Exam *Indirect Assessment Tool* Course Exit Survey
2.0	Skills			
2.1	Explain the management of quality, human resources, and communications.	S3	-Lectures -Assignments	*Direct Assessment Tool* -Homework -Midterm Exam -Quiz -Final Exam *Indirect Assessment Tool* Course Exit Survey
2.2	Explain the management of risk, procurement, and stakeholder.	S3	-Lectures -Assignments	*Direct Assessment Tool* -Homework -Quiz -Final Exam *Indirect Assessment Tool* Course Exit Survey
2.3	Practice on covered topics and communicate in groups collaboratively.	S6	-Assignments - Class discussions - Self-learning exercises	*Direct Assessment Tool* -Homework *Indirect Assessment Tool* Course Exit Survey
3.0	Values, autonomy, and responsibility			
3.1	Interact in groups with the given problems and solutions.	V1	-Small Groups	*Direct Assessment Tool* -Homework *Indirect Assessment Tool* Course Exit Survey

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to Project Management and Information Technology Context	3
2	The Project Management Process Groups	3
3	Project Integration Management	2
4	Project Scope Management	2
5	Project Time Management	2
6	Project Cost Management	3
7	Project Quality Management	3
8	Project Human Resource Management	3
9	Project Communications Management	3
10	Project Risk Management	3
11	Project Procurement Stakeholder and Management	3
	Total	30

D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Homework	Periodically	10%
2.	Midterm	Week 6	20%
3.	Quiz	Week 9	10%
...	Final Exam	Week 12	60%

*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	• Portny, J. L., & Portny, S. E. (2022). *Project management for dummies*. John Wiley & Sons. • Alkhaldi, A. N. (2019). *Project Management Information Systems: A Hand Book for Managing Projects' Information, Environment and Software*. ISBN-10 : 1795340800. • Olson, D. L. (2014). *Information systems project management*. Business Expert Press. ISBN: 9781631571237
Supportive References	-
Electronic Materials	-
Other Learning Materials	None

2. Required Facilities and equipment

Items	Resources
Facilities Classrooms, laboratories, exhibition rooms, simulation rooms, etc.	• A classroom or lecture hall with whiteboard for 25 students.
Technology equipment projector, smart board, software, etc.	• A digital image projection system with connection to desktop computer and laptop computer. • High speed Internet connection. • An instructor computer station.
Other equipment (depending on the nature of the specialty)	• None

F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	•Students •Faculty •Peer Reviewers •Program Leader •Course Coordinator	•Surveys (indirect). •Direct feedback from students. •Course evaluation by Peer Reviewers (indirect). •Class visit by Program Leader (indirect) Comprehensive Course report (where we can find information about teaching difficulties and action plan, ...)
Effectiveness of students assessment	•Students •Faculty •Peer Reviewers •Program Leader	•Surveys (indirect). •Direct feedback from students. •Course evaluation by Peer Reviewers (indirect). •Class visit by Program Leader (indirect) Exam evaluation by the Exam Evaluation Committee (indirect)
Quality of learning resources	•Students •Faculty •Peer Reviewers •Course Coordinator	•Surveys (indirect) •Course evaluation by Peer Reviewers (indirect). Comprehensive Course report (where we can find information about difficulties and challenges about learning resources as well as consequences and action plan, ...)
The extent to which CLOs have been achieved	•Faculty •Program Leader Course Coordinator	•Student Results (direct) Comprehensive Course report (where we can find the CLO assessment results)
Other		

Assessor (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)
Assessment Methods (Direct, Indirect)

G. Specification Approval Data

COUNCIL /COMMITTEE	Curriculum Committee Meeting
REFERENCE NO.	
DATE	May 25, 2023