Study plan No.	**2020-2021**		**University Specialization**		**Management information systems**
Course No.	**0506340**		**Course name**		**IT project management**
Credit Hours	**3**		**Prerequisite Co-requisite**		**After passing (60 credit hours)**
Course type	☐ MANDATORY UNIVERSITY REQUIREMENT	☐ UNIVERSITY ELECTIVE REQUIREMENTS	☐ FACULTY MANDATORY REQUIREMENT	☐ Support course family requirements	☐ Mandatory requirements / ☐ Elective requirements
Teaching style	☐ **Full online learning**		✓ **Blended learning**		☐ **Traditional learning**
Teaching model	☐ **2Synchronous: 1asynchronous**		✓ **2 face to face : 1synchronous**		☐ **3 Traditional**

Faculty member and study divisions information (to be filled in each semester by the subject instructor)

Name	Academic rank	Office No.	Phone No.	E-mail	
Division number	**Time**	**Place**	**Number of students**	**Teaching style**	**Approved model**
				2:1	**Blended**

Brief description

Brief course description

The objective of the information technology project management is to allow students understand project principles to be able to contribute to establishing the documentation of a project and direct the process of project from start to finish; alongside the project visibility analysis and estimated time scheduling of completion. Using office applications such as Microsoft project.

Learning resources

Course book information (Title, author, date of issue, publisher ... etc.)	Information Technology Project Management. Schwalbe, K. Cengage Learning; 9th edition, 2018.			
Supportive learning resources (Books, databases, periodicals, software, applications, others)	Information Technology Project Management. Schwalbe, K. Cengage Learning; 8th edition, 2016			
Supporting websites				
The physical environment for teaching	☐ Class room	✓ labs	☐ Virtual educational platform	☐ Others
Necessary equipment and software	Microsoft project management			
Supporting people with special needs				
For technical support				

Course learning outcomes (S *= Skills, C= Competences K= Knowledge,)*

No.	Course learning outcomes	The associated program learning output code
	Knowledge	
K1	Presenting the various project management principals and the relationship between project, program, and management that makes successful projects	**MK1**
K2	Help students understand of systems views of project management and how it applies to information technology projects	**MK1**
K3	Help students understand the five project management process groups and the interactions between them	**MK1**
K4	Discuss the strategic planning process and their different project planning methods and the creation of project charter to initiate a project	**MK2**
K5	Help students Understand the importance of project management schedule and project time management. Describe network time diagram, critical path, and pert diagram to shoe dependencies and activity sequence	**MK3**
	Skills	
S1	The student shall understand project management principals and the relationship between project, program, and management that makes successful projects	**MS2**
S2	The student will be able to define the systems view of project management and how it applies to information technology projects.	**MS2**
S3	The student will be able to create break down structure using various methodologies	**MS1**
S4	The student should be able to create network, pert, and critical path diagrams to show project management activity sequences and their dependability relationships	**MS1**
	Competences	
C1	The student will be able to tell the difference between the five project management process groups and the interactions between them	**MC2**
C2	The student will be able to understand the methodologies applied to project management in information technology	**MC1**
C3	The student will understand the strategic planning process methods and how to create project charter to initiate a project	**MC1**
C4	The student will be able to create cost estimates to information technology projects and their return-on-investments or payback period using various methods	**MC2**
C5	The student will understand the importance of quality and how it applies to project management information technology	**MC2**

Mechanisms for direct evaluation of learning outcomes

Type of assessment / learning style	Fully electronic learning	Blended learning	Traditional Learning (Theory Learning)	Traditional Learning (Practical Learning)
First exam		**30%**		
Second / midterm exam		**0**		
Participation / practical applications		--		
Asynchronous interactive activities		**30%**		
final exam		**40%**		

Note: Asynchronous interactive activities are activities, tasks, projects, assignments, research, studies, projects, work within student groups ... etc, which the student carries out on his own, through the virtual platform without a direct encounter with the subject teacher.

Schedule of simultaneous / face-to-face encounters and their topics

Week	Subject	learning style*	Reference **
1	Introduction: What is a Project What Is Project Management Ethics in Project Management	**lecture**	**1-35**
2	A Systems View of Project Management Understanding Organizations Project Phases and the Project Life Cycle	**lecture**	**45-70**
3	Trends Affecting Information Technology Project Management Project Management Process Methodology	**lecture**	**80-126**
4	Project Scope Management Collecting Requirements Creating the Work Breakdown Structure	**lecture**	**183-210**
5	Project Time Management The Importance of Project Schedules Planning Schedule Management	**lecture**	**220-233**
6	Developing the Schedule Developing the Schedule using Gantt Chart Calculating Critical Path Method	**lecture**	**234-250**
7	Practical Approach to Project Time Scheduling Using Microsoft Project Management Software Student Exercises	**lecture**	**1-35**
9	Basic Principles of Cost Management Cost Estimation Tools and Techniques	**lecture**	**264-289**
10	Planning Quality Management Performing Quality Assurance Controlling Quality	**lecture**	**299-307**
16	**Final Exam**		

*** Learning styles: Lecture, flipped learning, learning through projects, learning through problem solving, participatory learning ... etc.**
**** Reference: Pages in a book, database, recorded lecture, content on the e-learning platform, video, website ... etc.**

Schedule of asynchronous interactive activities (in the case of e-learning and blended learning)

Week	Task / activity	Reference	Expected results
1	Practical Approach to Project Time Scheduling Using Microsoft Project Management Software Student Exercises	----	
2	Practical Approach to Project Time Scheduling Using Microsoft Project Management Software Student Exercises	----	
3	Exercises	----	
4	Planning Risk Management Performing Quantitative Risk Analysis Planning Risk Responses	**425-455**	
5	Planning Procurement Management Conducting Procurements Controlling and closing Procurements	**465-485**	