



Jordan University of Science and Technology
Faculty of Computer & Information Technology
Computer Information Systems Department

CIS352 Business Process Management

First Semester 2020-2021

Course Catalog

3 Credit Hours. This course is designed to equip student with the fundamental knowledge of business process concepts and practices. The students will learn how to model a business process using BPMN notations and to analyze the model identifying the weaknesses in effectiveness and efficiency. Accordingly, the students will be able to experiment several possible To-Be models and select the optimal one. Several emerging topics will be discussed with real world example and case studies.

Text Book

Title	Fundamentals of Business Process Management
Author(s)	Marlon Domas, et al.
Edition	1st Edition
Short Name	text book
Other Information	

Instructor

Name	Dr. Rami Al-Gharaibeh
Office Location	ph4, L-1
Office Hours	Sun : 14:30 - 16:00 Mon : 13:00 - 14:30 Tue : 14:30 - 16:00 Wed : 13:00 - 14:30
Email	rami@just.edu.jo

Class Schedule & Room

Section 1:

Lecture Time: Mon, Wed : 11:30 - 13:00

Room: منصة الكترونية

Prerequisites

Line Number	Course Name	Prerequisite Type
902331	MATH233 Probability & Statistics (For Computer Sciences Students)	Prerequisite / Study
1743321	Cls332 Systems Analysis And Design	Prerequisite / Study

Tentative List of Topics Covered

Weeks	Topic	References
Weeks 1, 2, 3	Introduction To Business Process Management	From text book
Weeks 4, 5	Process Identification	From text book
Weeks 6, 7	Essential Process Modeling	From text book
Weeks 8, 9	Qualitative Process Modeling	From text book
Weeks 10, 11, 12	Quantitative Process Modeling	From text book
Weeks 14, 15	Process Redesign	From text book

Mapping of Course Outcomes to Program Student Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Understand the lifecycle of the business process management (BPM) and be able to use and apply the tools methodologies to identify, analyze, redesign, and implement business processes [1SO3, 1SO4]	30%	Midterm exam, first assignment, final exam
Be able to identify the elements of business process modeling notation (BPMN), and to use this notation to draw a Business Process Model given a narrative description of business [1SO2]	20%	Midterm exam, final exam
Be able to discuss and apply the different business process analysis techniques; such as Flow Analysis, Value-Added Analysis, and Root Cause Analysis [1SO2, 1SO5]	30%	second assignment, final exam
be able to use quantitative concepts and analysis tools to prepare a business model for simulation , and to run the simulation and interpret its results [1SO3]	20%	final exam

Relationship to Program Student Outcomes (Out of 100%)																
A	B	C	D	E	F	G	H	I	J	K	SO1	SO2	SO3	SO4	SO5	SO6
												35	35	15	15	

Evaluation	
Assessment Tool	Weight
Midterm exam	30%
first assignment	10%
second assignment	10%
final exam	50%

Policy	
Teaching & Learning Methods	<ul style="list-style-type: none"> - Class lectures, lecture notes and assignments are designed to achieve the course objectives. - Students are expected to read the material as detailed in the textbook and complete the assignments on time and participate in class. - Course web page is an essential part of the course. - Course assignments are designed to measure the student understanding of the course
Essential Notes	<p>Exams - May include: Definitions, True/False, Multiple-Choice, Analysis and Descriptive formats. - Use only your own tools: calculator, pens and ruler - Instructions on the first page of the exam are quite important. - Not abiding by the rules is a reason for dismissal from the exam</p>

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