AMRITA SCHOOL OF BUSINESS

AMRITA VISHWA VIDYAPEETHAM

COIMBATORE – 641 112

MBA (2019 – 2020)

Term IV

Course Title	:	IT Business Analysis
Course Code	:	SY504E
Credits	:	3
Course Instructor	:	Shweta Premanandan
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Office	:	F-15
Office hours	:	Monday - Friday 2:00 – 4:00pm
Course contributes mostly to	:	**Employability/** Entrepreneurship**/ Skill Development**/ Value-add

Introduction

Over the last several years, the field of Business Analysis has experienced exponential growth. More and more, Business Analysts are joining project teams to manage the scope of the product and solution, leaving project managers with more time to manage the scope of the project itself. Statistics indicate that only 16.2% of IT projects are completed on time and within budget; 31.1% of projects were cancelled before they were completed; and over 56% of defects within a project occurs in identifying, analyzing, modeling, documenting, validating and verifying requirements. 90% of BA skills are acquired on the job.

BAs help organizations improve how they conduct their functions and activities in order to reduce overall costs, provide more efficient use of scarce resources and better support the customer and the solutions needed to remain competitive in a global economy.

This course is aligned with the industry standard Business Analysis Body of Knowledge Guide (BABOK), published by the worldwide International Institute of Business Analysis (IIBA). It also reflects best business analysis practices in the different business domains.

Course Objectives

The course is aimed at providing an exposure to Business Analysis, and how it is conducted by it organizations for global enterprises. It will also provide an exposure to the different kinds of roles which budding management graduates can aim for in IT firms. The course will be conducted using classroom sessions by lecturer, and will also include case study sessions, student presentations, role plays and student projects. This course is best suited for those management students (freshers and experienced) who intend to enter/have decided to enter the IT industry in Non-Technical Roles / Management Roles.

1. Plan, manage, analyze, document, and communicate requirements
2. Demonstrate a solid understanding of the underlying principles of business analysis
3. Articulate the key roles, responsibilities and skills required of a successful Business Analyst
4. Formulate a requirements' management plan which will define all types of requirements including business, stakeholder, solution (functional & non-functional) & transition requirements
5. Acquire the skills & competencies to elicit quality requirements
6. Learn business analysis techniques: analysis, modeling (process & data), documentation, communicating, verifying & validating requirements.
7. Become more effective change agents
8. Become catalyst in identifying root causes to problems
9. Develop and generate creative and innovative solutions

Alignment of course objectives (CO) with learning goals (LG) of Assurance of Learning

Derived from its mission, ASB has adopted five learning goals, (apart from the discipline competency) - the management-specific attributes, knowledge and skills that its graduates are expected to possess when they complete the programme. The outcomes of this course are mapped to the '*Critical and integrative Thinking*' learning goal. The assessments, written report for the field visit and the writing exercise would reinforce the second learning goal, '*Effective written and oral communication*'.

LG / CO	Critical and integrative Thinking	Effective written and oral communication	Societal and Environmental Awareness	Ethical Reasoning	Leadership
CO1	3	0	0	0	0
CO2	3	1	0	0	0
CO3	3	3	0	0	0
CO4	3	3	0	0	0
CO5	3	2	2	0	0
CO6	2	3	0	0	0
CO7	3	2	0	0	3
CO8	3	0	2	0	1
CO9	3	3	0	0	1

Key: 3 – Highly relevant; 2 –Moderately relevant; 1 – Low relevance; 0- No relevance

Unit-wise scope for outcomes and Bloom's taxonomy

IT Business Analysis is designed focusing primarily on the Bloom's learning levels of creating, evaluating, analyzing, applying, and understanding levels of learning.

Bloom's Levels of ng	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6	CO 7	CO 8	CO 9
Creating				X	X	X			X
Evaluating			X	X			X	X	X
Analyzing	X		X				X	X	X
Applying	X	X			X	X		X	X
Understanding	X	X	X		X		X		
Remembering									

Teaching Methods

The classroom activity will consist of lectures and mini case discussions. Individual/Group assignments and presentations will complement the classroom discussions in enhancing the understanding of the subject. Project will be an important component of the course. Each

student is expected to choose a project.

Expectation from the Students

The students are expected to prepare well in advance from the relevant references assigned before attending the sessions to make the classroom activity more meaningful and fruitful. Each student is expected to possess a copy of the prescribed textbook.

Attendance

Class attendance is required and there is no substitute for missed sessions. ASB policy on attendance will be applicable for the duration of the course.

Assessment (Grading Policy: Relative)

S. no	Assessment exercise	Description	Weight
Group assessment (25%)			
1	Project Work	*A short term paper on a given topic is submitted in the given template based on information compiled from secondary research*	30%
Individual Assessment (75%)			
1	Attendance	*As per the rules*	5%
2	Assignments	1) *To develop a risk management and mitigation plan.* 2) *To develop a Systems Requirements Specification report.*	20%
3	Class Participation:	*Students come prepared with preassigned readings and participate in discussions in the class*	10%
5	End-term examination	*An open book comprehensive exam with emphasis on analyzing, evaluating and critiquing*	35%

Textbook and Reference Books

1. *A Guide to the Business Analysis Body of Knowledge* V 2.0
2. *Business Analysis* by Debra Paul, Malcolm Eva, Donald Yeates, Keith Hindle, James Cadle, Craig Rollaston
3. *Seven Steps to Mastering Business Analysis* by Barbara A. Carkenord
4. *Business Analysis Techniques: 72 Essential Tools for Success* by James Cadle, Debra Paul and Paul Turner

SESSION PLAN

S. No	Topic	Chapter
1	Introduction	Chapter 1
2	Project Overview	
3 & 4	Business Analysis Key Concepts	Chapter 2
5 & 6	Business Analysis Planning and Monitoring	Chapter 3
7 & 8	Elicitation & Collaboration	Chapter 4
9 &10	Requirements Life Cycle Management	Chapter 5
11, 12 & 13	Requirements Change Management and Strategy Analysis	Chapter 6
14, 15 & 16	Requirements Analysis and Design Definition	Chapter 7
17 & 18	Solution Evaluation	Chapter 8
19, 20 & 21	Underlying Competencies	Chapter 9
22, 23 & 24	Techniques Used	Chapter 10