

Al Musanna College of Technology

Department of Information Technology

Course Description Details

		Diploma Level
SI.No	Course Code/Name	Course Description
		Demonstrates the ability to use the e-learning portal and to manage network spaces, E-Learning applications, advantages and
		disadvantages. Designing newsletters, brochures, business cards, advertisements, Greeting cards,flyers using publishing
		software and its design tools. Designing and developing web applications using a web developing softwarethat includes tables,
н	ITAD 1100 - Advanced IT Skills forms, frames, photo	forms, frames, photo gallery, shared borders, graphical theme, inserting hyperlinks, embedding of images, formatting lists, and
		inserting of files and other objects. Learning to Connect, install and troubleshoot peripherals and other similar devices. Study
		the various communication/network devices and their benefits. Usage of a statistical analysis package to enter and analyse
		data. Develop and manipulate databases using queries and create a front-end design for the database using forms.



BAMA 1101 - Business Mathematics

BAMA1101	Business Mathematics		3 Credit Hours
Prerequisites	None		
Goal	The goal of this course is to presents math skills and knowledge t be applied to solve financial problems.		
Objectives		Ou	utcomes
The course provides step-by-step guidance through sample problems and solutions related to banking, credit, basic finance and investment. Students in this course will also gain an understanding of financial instruments and terminology used in business finance such as compound interest, annuities and promissory notes. Finance plays a major role in our livescar loans, mortgage payments, retirement plans, real estate investmentand knowing how to calculate the cost of borrowing or the return on investment is important to us		compute basic Alge (fundamental Princi derivatives, partial a maxima & minima. I progressions (AP & discounting). 1. Define the differer on money can be 2. Explain the meani compound interes interest, promisso annuities, perpetu depletion allowand 3. Undertake the cor of interest, annuiti capitalized cost, d stocks and bonds. 4. Use the results of calculations to hel options in reaching whether personal 5. Evaluate and sele	ples of Algebra, and total differentiation, Mathematical GP), Compounding & at ways in which interest calculated. Ing of simple interest, it, equivalent rates of ry and demand notes, ities, capitalized cost, ice, stocks and bonds. Inputations for problems es and perpetuities, epletion allowances, imathematical properties or business-related. In the control of the



BAMG1100	INTRODUCTION TO BUSINESS		Credit Hours: 3		
Pre-requisite(s):	None				
Course Description: Object	with fundament with the intent of thinking and ana	Introduction to Business is an introductory level course designed to provide students with fundamental knowledge of business terminologies, concepts and business issues with the intent of helping students develop a viable business vocabulary, foster critical thinking and analytical thinking, and refine business decision-making skills.			
This course in Intro Business aims to: • Develop the stu and understand business term concepts; • Develop the stu and understa organizational business includi functions of departments of within the busin • Develop the stu and understa	dents' knowledge ling of the basic ninologies and dents' knowledge nding of the structure of the ing the roles and the different and committees ess organization; dents' knowledge	organizations, • Identify the stakeholders in bu • Understand the different extractions business Chapter 2 - Management • Discuss the meaning of manage • Describe the organizational structional departments and county • Explain the concept of corporesponsibility Chapter 3 - Marketing • Discuss the meaning of market • Describe marketing strategy are • Understand the behavior of customates • Differentiate between accounting the discussion of the disc	ess and its goals, es and forms of business siness organizations, and ternal factors that affect the ement and its functions, tructure of a business and its mittees, and forate governance and social ing and its functions, and stomers and consumers I banking ing, finance and banking, and as in a business organization gement a resource management and its		





BAAC1102	PRINCIPLES C	Credit Hours: 3			
Pre-requisite(s):	None				
Course Description:	This course in Principles of Accounting 1 is an introduction to the basic accounting concepts and selected accounting practices and to introduce students to the role of, and the processes involved in planning and decision making within the business environment.				
	purchases, coll	ocuses on the accounting cycle, journal er lection, payments and expenses, posting, trial bial statements – the balance sheet and income	palance and preparation		
Objecti		Learning Outcomes			
This course in Prince		On successful completion of this course, the s			
Accounting 1 aims t	-	to:	and the distriction of the control o		
• Develop the	students'	Chapter 1 - Introduction to Accounting			
understanding of		Define accounting,			
accounting and i		• Identify the users of accounting informati	on,		
identify the users	-	Understand the various forms of business organizations and			
information, th		types of accounting activities, and			
	• • • •	• Explain the importance of ethics in business and accounting			
accounting activities, forms of business organizations and Fynlain the meaning of generally accepted accounting principles.					
		Explain the meaning of generally accepted	0		
explain the importance of ethics such as historical cost, revenue recognition, matching, full disclosure, materiality, consistency, conservatism and going			-		
	•	disclosure, materiality, consistency, conse concern,	ervatisin and going		
• Develop the	students'	• Define assets, liabilities, equity, revenues	and expenses and		
understanding of a generally accepted	ed accounting	Understand the effects of various transact equation	_		
principles includin	-	Chapter 3 – the Accounting Cycle			
of assets, liabilities		• Explain how business transactions are rec	corded in the general		
• Develop the	students'	journal and posted in the general ledger a			
understanding of the accounting		 Prepare the trial balance 			
cycle including how business Chapter 4 - Completion of the Accounting Cycle					
transactions at	re recorded,	Understand the difference between accrusing	al basis and cash basis		
classified and sum	marized; and	of accounting,	. 3141		
• Develop the students' ability to • Explain the different classes and types of adjusted trial belongs begin fine.			, ,		
nrenare and analyze the financial Prepare an adjusted trial balance, basic financial statements			nancial statements and		
statements.	CIOCING ANTRIAC				
		• Analyze comparative financial statement			
	The second second	• <i>Calculate</i> basic financial ratios and trend			
	12822	Understand common-sized financial state			
	1 6	= 1			

ENTW1100 Technical Writing I

ENTW1100 Technical Writing I	3 Credit Hours				
Prerequisites	The student should have passed the LEE of Advanced Level in ELC (FP Level4)				
This course aims at enabling the students to communicate effectively and appropriately in won real life situations. They will also have learned to process information, objectively and process making use of information and guidelines. They will use English for academic purposes an writing, as well as develop writing skills in an integrated manner, making use of the listening speaking skills.					
Objectives	Outcomes				
Develop clear and accurate written and oral presentation of different tasks. Promote critical thinking, continuous self- assessment and peer review. Encourage independent research skills. Prepare students for their professional environment. Promote active learning and active participation of the students. Provide extensive writing practice to students in order to meet their needs in various	At the end of the course, students should be able to: analyze, synthesize, evaluate and interpret information and ideas. 1. Write in a style appropriate to the purpose and audience. 2. Identify and write various kinds of writing. 3. Plan and manage writing projects in terms of drafting, designing, revising and editing documents. 4. Write collaboratively, providing peers with constructive feedback on their work. 5. Develop effective style and tone, following businesses and technical writing guidelines. Analyze charts, graphs, specifications, diagrams, etc. and respond orally and in writing. 6. Locate source materials in the library and on the internet, evaluating their usefulness, relevance, and credibility and then incorporate them into an assigned task with inline citations and full bibliography. 7. Write well-organized essays with an introduction, a body and a conclusion to Cause and Effect Dividing and classifying Process and Procedure 8. Design visually effective documents (e.g. layouts, formatting, incorporating and visuals into documents)				



BAST 1206	Managerial Statistics 3 Credit Hours			
Prerequisites:	Math 1, B	usiness Math		
Goal		e is designed to provide students with knowled roblems by applying statistical principles.	lge on how to solve	
Objectives		Outcomes		
The objectives of this corprovide students with ac statistical tools and enable understand some basic conditions and analytical statistical Topics covered include rand correlation analysis series. Also students in twill: Understand and distof the issues and associated with coll interpreting data from and other statistical Understand the corprobability, random and their distributions and their distributions.	dequate ole them to descriptive method. regression and time-his course cuss some problems ecting and m surveys, studies.	The students should be able to: 1. Design surveys and collect relevant data. 2. Present results in a logical and readable format. 3. Identify techniques to consider a structured problem. 4. Summarize and present statistical data by using memeasures of dispersion and graphs. 5. Estimate population parameters from sample statistics appropriate confidence intervals. 6. Present data using different types of graphical and tab representation. 7. Use simple and multiple regression models to estimate test for linear relationships between a dependent variable one or more independent variables.		



F				
BAMG1207	PRINCIPLES OF MANAGEMENT		Credit Hours: 3	
Pre-requisite(s):	BAMG1100 Intro	duction to Business		
Course Description: Object This course in Prince Management aims t	students with fur emphasis on plan tives ciples of o:	anagement is an introductory level course designed to provide undamental knowledge of major functions of management with anning, organizing, controlling, directing and communicating. Learning Outcomes On successful completion of this course, the students should lable to:		
the fundamental management sure entrepreneursh Develop the sturn knowledge and the planning, or and controlling framework;	understanding of all principles of and strategy; adents' understanding of aganizing, leading (POLC) adents' personal all s, decision and	Chapter 1 - Introduction to Principles • Explain who managers are and th • Describe the concept of leadership strategy, and • Discuss the dimensions of plannin controlling Chapter 2 - Organizational Structure at Define organizational structure at Describe why and how organizational strategies for planning and executed Understand the reasons why peop strategies for planning and executed Understand the roles of mission, who Develop mission and vision states Incorporate stakeholder interest in Explain the nature of goals and of are important and • Integrate goals and objectives with responsibility Chapter 4 - Organizational Culture • Describe what organizational cult important for an organization, • Understand the dimensions that menditure and the creation and main organizational culture, and • Explain the factors that create culture and the factors that create culture and the dimensions that menditure and the factors that create culture and the factors that create culture and the dimensions that menditure and the factors that create culture and the factors that create culture and the factors that create culture and the dimensions that menditure and the factors that create culture and the factors that create culture and the factors that create culture and the dimensions that menditure and the factors that create culture and the factors that create culture and the dimensions that effect and	e nature of their work, p, entrepreneurship and ag, organizing, leading and and Change nd its basic elements, ons change, and ble resists change and ting change Objectives vision, and values, ments, into mission and vision, bjectives and why they th corporate social ure is and why it is make up a company's ntenance of tural change ople ers, ive leaders demonstrate,	

Chapter 6 - Decision Making

- Understand what decision making is,
- · Explain the causes of faulty decision making, and
- Compare and contrast individual and group decision making

Chapter 7 - Communication in Organizations

- Define communication,
- *Describe* the communication process, *understand and overcome* barriers to effective communication, and
- Compare and contrast different types of communication and communication channels.





BAMK 1205	Principles of Marketing 3 Credit Hours			3 Credit Hours
Prerequisites:	BAMG 1100 Introducti	on to	Business	
Goal	To enable the student to overview the nature, significance and main concepts of marketing function in modern business organization and the effect of marketing environment on it. In addition to applying marketing techniques to wide variety of setting.			
Objectives		Ou	tcomes	
To enable the student to	understand:	Th	e students should be able to	0:
1. The important role economics.				rketing concepts and vironment.
2. The dynamics of consumer and busin	and opportunities in ess markets.	2.	Define marketing research and effects on business or	_
3. The various elements of marketing mix's.4. The marketing concepts, methods and		3.	Identify and target marke	ting population.
practices that is	practices that is important to mordent		Identify various elements	of marketing mix.
enterprises.		5.	Recognize the deferent promotion	methods of marketing
		6.	Define product classificati	on and development.
			Recognize different chann	els of distribution.
		8.	Recognize the different pr	ricing methods.
		9.	Identify deferent type communication.	pes of marketing
			Apply marketing decision report.	-making basis on case
	128 2:2	11.	Produce marketing project group.	ct individually and in a



BAEC 1203	Prin	ciples of Microeconomics	3 Credit Hours		
Prerequisites:	BAMG 1100 (Introduction to Business)				
Goal	conce	To enable the student to acquire a basic understanding of micro-economic concepts and gain the knowledge of how to study the behavior of small economic decision units, concerning the behavior of individuals, household, firms, industries and resource owners			
Objectives	Oı	itcomes			
The course will enable the	- 11	e students should be able to:			
student to understand basi microeconomic concepts areas and tools. Also it wil	i, 1.	Describe and explain the central economic society and the role of scarcity, choice and oproblems.			
develop an interest in economic issues and problems in a real word environment.		Explain how these economic problems are so in a market economy and how the same centrally planned economies.			
		Discuss the applications of the scientific modistinguish between positive and normative			
		Explain how demand and supply interact goods and services and the quantities exchange.			
		Apply demand and supply analysis to a varie economy, including problems of price comminimum wage laws, the effects of taxes determination of imports and exports.	trols and rent controls,		
	6.	Describe and explain the relation between output produced in the short run and the lor			
	7.	Distinguish between technological efficiency.	ciency and economic		
	8.	Define the factors (firm size, product differ scale, and barriers to entry) that determine t markets (perfect competition, monopolistic and monopoly).	the structure of different		
		Explain how the market structure affe performance of the industry, in particular, the product price and the cost of production a society's resources.	he relationship between		

- 10. Describe the role of competition policy and the regulation of natural monopolies in economic performance.
- 11. Explain how individual and family incomes are determined in the economy.
- 12. Apply the concepts of elasticity to real economic and business problems



ENTW1200 - Technical Writing II

		1			
ENTW1200	Technical Writ	ing II	1 Credit		
Prerequisites	E	ENTW 1100- Technical Writing I			
Goal	effectively and appropriately learned to process information, guidelines. They will use Englis	in writing, based on real li objectively and persuasiv sh for academic purposes	abling the students to communicate fe situations. They will also have rely, making use of information and and expository writing, as well as use of the listening, reading and		
Objectives			Outcomes		
presentation of di 2. Promote critical the and peer review. 3. Encourage independents 4. Prepare students 5. Promote active le students. 6. Provide extensive	d accurate written and oral fferent tasks. hinking, continuous self- assessment endent research skills. for their professional environment. earning and active participation of the e writing practice to students in order ds in various academic situations.	feedback on their work. 6. Develop effective style and tone, following busine technical writing guidelines. Analyze charts, graph specifications, diagrams, etc. and respond orally writing. 7. Locate source materials in the library and on the specifical technique of the specific and the specific at t			
			fying		



- Design visually effective documents (e.g. layouts, formatting, incorporating graphics and visuals into documents)
- 10. Prepare and deliver an effective mixed media presentation.





ENGL 1208	Business Communication 3 Credit Hours			3 Credit Hours	
Prerequisites:	ENGL 1100 (Advanc	ENGL 1100 (Advance Writing I) & ENGL 1200 (Advance Writing II)			
Goal	To introduce students to the relevant and appropriate business communication skills which will provide the basis for further enhancement and development in later courses to enable them to communicate effectively in a realistic business settings				
Objectives		Out	comes		
The course should enable the student to: 1. The theoretical-part of communication (background and sources of communication theory). 2. The practical-part of communication (the tools of Communication as it applied). 3. The applications of communication (presentations, literacyetc.).		1. 2. 3. 4. 5. 6.	Choose and use commustrategies appropriate situations including the profax, and e-mail. Record and summinstructions, and ideas to problems. Apply commonly accepted ethical behavior when communications. Plan and prepare for the meetings. Apply a variety of omethods, and strategie effectively in business situ. Work independently and a Apply appropriate form create word-processed businessed businessed businessed businessed businessed appropriate form create word-processed businesses and strategies.	nication methods and to specific business roper use of telephone, narize information, to help solve business distandards of legal and carrying out business to formal and informal communication skills, tes to communicate lations as a member in a team. The acting techniques to	
	Signite.	8.	Apply interpersonal and generate solutions to be challenges.		

ACT

English Language Center Course Outline Technical Communication (ENGL 2100) Credit Hours 3

Lecture Hours 3

1. Course Description

At the end of this course, the students will have learned to write on technical subjects for the practical needs of a special audience. They will also have learned to process information, objectively and persuasively, making use of information and communication technologies.

2. General Aims

- ▲ Develop clear and accurate written and oral presentation of business,
- **♦** technical and scientific information.
- ♠ Promote critical thinking, continuous self- assessment and peer review.
- ▲ Encourage independent research skills.
- Prepare students for their professional environment.

3. Learning Outcomes

At the end of the course, students should be able to:

- ▲ Analyze, synthesize, evaluate and interpret information and ideas.
- Write in a style appropriate to the technical purpose and audience.
- ▲ Identify and write various kinds of business and technical documents.
- ▶ Plan and manage writing projects in terms of drafting, designing, revising and editing documents.
- ♠ Write collaboratively, providing peers with constructive feedback on their work.
- ▲ Develop effective style and tone, following businesses and technical writing guidelines.
- Analyze charts, graphs, specifications, diagrams, etc. and respond orally and in writing.
- ▲ Design visually effective documents (e.g. layouts, formatting, incorporating graphics and visuals into documents)
- Prepare and deliver an effective mixed media presentation.

4. Resources

a. McMurry, D.A. (2002). *Power Tools for Technical Communication*, Harcourt College Publishers.

Web sites

www.-unix.oit.umass.edu/~pwtc/tw/lonks.html

http://techpubs.com/resources.html

http://garnet.indstate.edu/kliener/eng305t/lessons/04httml

http://www.prenhall.com/pfiefer

http://www.english.vt.edu/~toomy/researcy.html

5. Content Outline

- ♦ Written communication in a variety of formats (reports, business letters, memos, employment letters, resumes)
- ♠ Technical text such as definition, description, comparison, classification, instructions and cause and effect
- Making oral presentations.



6. Learning Activities

- ♠ Discussion: one-to-one, group
- ▲ Listen and take notes
- ♠ Speak to an audience
- ♦ Write formal reports, letters etc.
- A Read and respond orally and in writing.

7. Assessment Outline

	TOTAL	100%
^	Final Exam	50%
	(Report 20% and Presentation 5%)	
٨	Assignment (Report and Presentation)	25%
\blacktriangle	Mid-semester Exam	20%
\blacktriangle	Quizzes	5%

Final grades will be based on the following scale:

Letter Grade	Percentage Range	Grade Point
A	90-100	4.0
A -	85-89	3.7
B+	80-84	3.3
В	76-79	3.0
В-	73-75	2.7
C+	70-72	2.3
С	67-69	2.0
Major Requirement		
C-	60-66	1.7
Major Elective		
D	55-59	1.0
F	54 and below	0.0

8. Assessment Specifications

8.1 Quiz (5%)

There will be 1 quiz per semester. The quiz should be answered on the standard paper provided on a topic provided by the tutor. The approximate length of the quiz shall be 250 words, and written in 30 minutes of class time. Printed or electronic dictionaries can be used to minimize spelling mistakes.

8.2 Mid-semester Exam (20%)

Time:

1 hour

Content: One writing task of 300 words covering any topic covered

up to the MSE. Refer to the delivery plan.

8.3 Final Exam (50%)

Time:

2 hours

Content:

Q 1. A guided task based on an item that was taught during

the course.

Q 2. Free writing. The nature of the task determines the length.

8.4 Assignment

(25%)

Assignment shall be research-based and can be done by individual students or by a group. The outcome shall be a written report and an oral presentation.

The assignment should include the following:

1. Secondary Research: Literature review using books and the internet to discuss the research topic. The literature review should include student' own words, direct quotes, and paraphrasing of the information s/he has searched.

Written Report

(20%)

- o The report must consist of:
 - Title page (Cover page)
 - Introduction, Body, Conclusion, and Recommendation
 - References & Appendixes
- o The Body of the report should be approximately 500 words. The Introduction, Conclusion and Recommendations sections are additional.
- o An outline of the report is due 2 weeks after the topic is issued.
- o The first draft is due 2 weeks after that.
- o The final draft is due before their presentation.
- o The reference list should include at least three sources.
- o The report must be word-processed, double-spaced on A4 paper with one inch margins and size 12 Times New Roman or Arial font.

Grade Criteria:

A) Report (20%) B) Oral Presentation (5%)

See also the appendix on marking criteria

9. Course Policies

Attendance: Attendance and active participation in class activities are required. Irregular attendance will be dealt with according to item 75 in section 8 of the "College Bylaws for Technical Colleges" (Ministerial Order No. 72/2004). Students must have an official sick leave from a government hospital or written, signed permission from the HoD/HoC. Three incidences of lateness (exceeding 5 minutes) will be considered one absence.



Late Assignment: For late submission of assignments, students need a legitimate reason and they need to inform the instructor in advance of the reason. Otherwise, assignments will be marked down by 5% (e.g. 80% will be 75%).

Plagiarism and Cheating: Plagiarism is the presentation of another person's work, words, or ideas as if they were one's own. It ranges from an entire assignment which is not the student's own work to specific passages within an assignment which are not the student's own work but taken from a source without acknowledgement. Students are responsible for ensuring that they understand and follow the principles of proper documentation and scholarship.

Cheating is usually understood as copying from another student. However, it also includes a student or a group of students, using or attempting to use unauthorized aids, assistance, material, or methods in assignment, reports, presentations and/or examinations. If an instructor determines that the student has cheated and /or plagiarized, the college will take punitive action and a grade of zero will be assigned for the affected assignment, report, presentation, or examination.

