

FINAL INTERNATIONAL UNIVERSITY FACULTY OF ECONOMICS AND ADMINISTRATIVE SCIENCES

Program	Management Information Systems
Medium of Instruction	English

Category Associate Degree X Undergraduate Masters (Project Based) PhD								
	Categ	ory		X	Undergraduate	` '		PhD

CURRICULUM

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UC: University Core **UE:** University Elective

Course

FC: Faculty Core AC: Area Core

Course

AE: Area Elective

Pre-

ECTS

Credit

YEAR 1

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Semester	Course	Course name	Course	Credit			Pre-	ECTS
Semester	code		category	Lec.	Pract.	Tot.	requisite	Credits
1	MGMT101	Introduction to Business I		3	0	3		7
1	ECON101	Introduction to Economics I		3	0	3		7
1	MATH111	Mathematics for Business I		3	0	3		7
1	COMP111	Computer I		2	1	3		3
1	ENGL101	English I		3	0	3		6
	MGMT101	Introduction to Business I		3	0	3		7
		Total Credit				18		37
SPRING								
2	ECON102	Introduction to Economics II		3	0	3		7
2	MGMT102	Introduction to Business II		3	0	3		6
2	COMP112	Computer II		2	1	3		3
2	MATH112	Mathematics for Business II		3	0	3		6
2	ENGL102	English II		3	0	3		6
2	HIST100 / TURK100	'		2	0	2		2
	Total Credit							30
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YEAR 2

FALL						
3	STAT211	Business Statistics I	3	1	3	6
3	ACCT201	Principles of Accounting I	3	0	3	6
3	MGMT304	Organizational Behavior	3	0	3	5
3	MISP201 Algorithms and Programming Techniques		3	2	4	7
3	MGMT204	Business Communication	3	0	3	6

		Total Credit				16	30
SPRING							
4	STAT212 Business Statistics II 3					3	6
4	ACCT202	Principles of Accounting II	3	3	0	3	6
4	MISP202	Structural Programming	3	3	2	4	6
4	AE-XXX	Area Elective I	3	3	0	3	6
4	MGMT212	E - Commerce	3	3	0	3	6
		16	30				
VEADA							
YEAR 3							
FALL							
5	MARK301	Principles of Marketing	3	3	0	3	6
5	FINA303	Business Finance I	3	}	0	3	6
5	MGMT305	Management Information Systems	3	3	0	3	6
5	MGMT301	Production and Operation Management	3	3	0	3	6
5	SOFT341	Database Design and Management	3	3	2	4	6
		Total Credit			<u> </u>	16	30
SPRING						<u> </u>	
6	MGMT302	Quantitative Analysis for Management			1	3	6
6	MGMT306	Human Resources Management	3	3	0	3	6
6	SOFT332	Operating Systems	3	3	2	4	5
6	SOFT316	Internet & Web Programming	3		0	3	6
6	COMP216	Object Oriented Programming	3		2	4	6
6	MISP300	Internship I - 15 calendar days	-		-	-	1
	10101 300	•					
		Total Credit				17	30
YEAR 4							
FALL		<u>, </u>			1	<u>.</u>	T
7	MISP405	Web Applications Development	3	3	0	3	 5
7	MISP401	Computer Networks I	4	-	0	4	5
7	MISP403	System Analysis and Design	3	3	2	4	 5
7	UE-XXX	University Elective I	3	3	0	3	6
7	AE-XXX	Area Elective II	3	3	0	3	6
	MISP400	Internship II - 30 calendar days	-		-	-	4
		Total Credit	1			17	31
SPRING						<u> </u>	1
8	MISP404	Computer Services Management	3	3	0	3	5
8	AE-XXX	Area Elective III	3	3	0	3	6
8	AE-XXX	Area Elective IV	3		0	3	6
8	MISP402	Computer Graphics	3		0	3	6
8	UE-XXX	University Elective II	3		0	3	6
		Total Credit	1 -		1	15	29

AREA ELECTIVE COURSES

	Course	Course Name		ECTS		
	Code	Course Name	Lec.	Pract.	Tot.	Credits
1.	MGMT410	Insurance & Risk Management	3	0	3	6
2.	MGMT411	Non-Governmental Organizations	3	0	3	6
3.	MGMT412	Corporate Governance & Family Business	3	0	3	6
4.	MGMT413	Small Business Seminar	3	0	3	6
5.	MGMT414	Contemporary Issues in Business	3	0	3	6
6.	MGMT415	Project Evaluation and Investment Management		0	3	6
7.	MGMT416	Supply Chain and Management	3	0	3	6
8.	MGMT417	Cross Cultural Studies in Organizations	3	0	3	6
9.	MGMT418	Workshop in Export and Import	3	0	3	6
10.	MGMT420	Logistic Management	3	0	3	6
11.	MGMT421	Leadership and Organizational Culture	3	0	3	6
12.	MGMT422	Service Quality Management		0	3	6
13.	MGMT423	Investment Management		0	3	6
14.	MGMT424	Business Ethics	3	0	3	6

COURSE BREAKDOWN

					Total						
					Numbe	er	Credit		ECTS Credits		
		A	II Cour	rses	41		122		235		
Į	Jnivers	sity Cor	e Cour	rses	5		14		20		
	Facı	ılty Cor	e Cour	rses	10		30		64		
	Α	rea Cor	e Cour	rses	20		60		115		
	Area	Electiv	re Cour	rses	3		9		18		
Univ	ersity	Electiv	e Cour	rses	3		9		18		
	Sı	ummer	Interns	ship	1		0		5		
			Т	otal					240		
Semester	1	2	3	4	5	6	7	8	Average		
Number of courses	5	6	5	5	5	5	5 5		5.125		
Total credits	15	17	15	15	15	15	15	15	15.25		
Total ECTS Credits						32	30	30	30		

COURSE DESCRIPTIONS / SYNOPSES

1. Course code: MGMT101 Course title: Introduction to Business I

Course outline: In this course, students will explore all of the primary disciplines in business on an introductory level: economics, human resource management, finance options, managerial accounting principles and marketing strategies. At the end of this course, a student will be able to understand the business system, global context of business, conduct business ethically and responsibly.

Textbooks: Business: A Changing World, NINTH Edition. By Ferrell, Hirt, and Ferrell. McGraw-Hill, 2014.

2. Course code: ECON101

Course title: Introduction to Economics I

Course outline: This course introduces students to the key concept and topic of microeconomics such as demand and supply, elasticity, utility, preferences, production, costs, perfect competition, monopoly, monopolistic competition, oligopoly and factor markets.

Textbooks: Michael Parkin, ECONOMICS (12th Edition), Pearson.

3. Course code: MATH111

Course title: Mathematics for Business I

Course outline: This course is designed to review and improve certain mathematical concepts needed by the student to follow a subsequent course in Mathematics (MAT102). Students succeeding both courses will be able to easily follow other area core courses that necessitates a certain level of mathematics. MAT101 includes the topics of algebraic operations, equations, functions together with area related application problems.

Textbooks: Introductory Mathematical Analysis for Business, Economics, and the Life and Social Sciences.13th Edition, Ernest F. Haeussler, Jr., Richard S. Paul. Prentice Hall.

4. Course code: COMP111

Course title: Computer I

Course outline: Introduction to information technology and its significance for business, economics, and society. Understanding how computers work, introducing fundamental concepts relating to hardware, software, central processing unit, input and output, storage, networks and internet. Basic PC, Windows, and MS Office skills, and intermediate-level Word and PowerPoint skills.

Textbooks: Diane Coyle, Computers, Are Your Future, Complete, 10th edition, Prentice Hall. Windows Office Skills for word processing, power point presentations, spreadsheet software (excel), and database management (access) as covered by Robert Grauer, Exploring Microsoft Office 2010, Volume 1, 2/E.

5. Course code: ENGL101

Course title: English I

Course outline: This is a first-semester EAP course for freshman students, and it focuses on developing both receptive and productive skills as well as the study skills required for university-level coursework.

Textbooks: Headway Academic Skills, Reading, Writing, and Study Skills Level 3 Student Book, Oxford University Press, Sarah Philpot and Lesley Curnick, Liz and John Soars, 2011

English Grammar, Language as Human Behavior, CourseSmart eTextbook, 3rd Edition, Anita Barry: Pearson Education

6. Course code: ECON102

Course title: Introduction to Economics II

Course outline: This course examines the differences between the economy in the short run and in the long run. A number of macroeconomic models, determination of national income, problems of inflation, unemployment and growth are considered, and the results are used to conduct macroeconomic policy discussion on stabilization policies and government debt. By the end of this module, the students will be able to understand, the relationships between different economic variables, presentation of economic issues with graphs, tables and essays, identify economic issues both in theory and practice.

Textbooks: Michael Parkin, ECONOMICS (12th Edition), Pearson.

7. Course code: MGMT102

Course title: Introduction to Business II

Course outline: This course will enable the student to learn about the stock market, personnel management, leadership and motivational techniques. This course is a survey of the functions of business, role of motivation and leadership leadership, a comparison of the forms or organizations and methods of administration and the interdependence of production, distribution and finance in modern business.

Textbooks: Business: A Changing World, NINTH Edition.By Ferrell, Hirt, and Ferrell. McGraw-Hill, 2014.

8. Course code: COMP112

Course title: Computer II

Course outline: This course introduces business applications of information technology and related issues, including electronic commerce, computer security and privacy, database management systems, programming languages, systems analysis and design, and expert systems. Intermediate-level Windows and MS Office skills, and advanced-level Excel skills will also be improved.

Textbooks: Diane Coyle, Computers, Are Your Future, Complete, 10th edition, Prentice Hall. Windows Office Skills for word processing, power point presentations, spreadsheet software (excel), and database management (access) as covered by Robert Grauer, Exploring Microsoft Office 2010, Volume 1. 2/E.

9. Course code: MATH112

Course title: Mathematics for Business II

Course outline: The main objective of the course is to provide the mathematical background needed for the solution of business and economics problems. Subjects are supported by some selected real life application problems.

Textbooks: Introductory Mathematical Analysis for Business, Economics, and the Life and Social Sciences.13th Edition, Ernest F. Haeussler, Jr., Richard S. Paul. Prentice Hall.

10. Course code: ENGL102

Course title: English II

Course outline: This course is continuation of ENGL 101- English I. It involves further development of students' EAP oral and written communication skills as well as further development of the study skills essential to success at this level.

Textbooks: Headway Academic Skills, Reading, Writing, and Study Skills Level 3 Student Book, Oxford University Press, Sarah Philpot and Lesley Curnick, Liz and John Soars, 2011

English Grammar, Language as Human Behavior, CourseSmart eTextbook, 3rd Edition, Anita Barry: Pearson Education

11. Course code: TURK100

Course title: Turkish as a Second Language

Course outline: The course takes an integrated skills approach to teaching oral and written communications. It introduces language grammars at a basic level for students who are taking Turkish course for the first time.

Textbooks: Elementary Turkish (Dover Language Guides), Apr 1, 1986 by Lewis V. Thomas and Norman Itzkowitz: Dover Publications

12. Course code: HIST100

Course title: History of Turkish Republic

Course outline: A general survey of Turkish history from about the mid-19th century until World War II with a particular focuses on the early Republican era. A comparative and analytical account of Westernization and Ottoman reform attempts, the economic and social transformations, diplomacy and foreign policy, World War I, the rise of Turkish nationalism, social, economic and cultural reforms in the 1920s and 1930s with special emphasis on the Kemalist principles.

Textbooks: Türkiye Cumhuriyeti Tarihi, Temuçin Faik Ertan, Siyasal Kitabevi, 2011.

Atatürk İlkeleri ve İnkılâp Tarih, Komisyon, Gazi Kitabevi, 2011.

13. Course code: MISP201

Course title: Algorithms and Programming Techniques

Course outline: This course is the first ring of the chain of Algorithms and Programming courses aiming to introduce students to the manner of thought in programming. The course aims to give an introduction to problem solving techniques and programming using structured programming approach. The applications will be performed using C language. The course will provide the students with the programming and analytical foundations that will be used in all consecutive IT related courses. One of the main objectives is to endow the student with critical thinking skills in programming. In the first part of the course, students earn the required skills about the thought of programming using flowcharts and pseudo-code. In the second part, a general purposed programming language, C, is being taught to the students in order to fortify their programming skills.

Text Book:

"C How to Program", by DEITEL & DEITEL, 978-0132990448, 2017,7th edition

Resource Books:

- -"C for Business Programming", by John C. Molluzo
- -"Problem Solving using C: Structured programming techniques" by Yuksel Uckan

14. Course code: MISP202

Course title: Structural Programming

Course outline: This course is a continuation of the study on the concepts of programming structures with main emphasis on one and two dimensional arrays, functions, files processing, pointers, characters and strings. Text Book:

"C How to Program", by DEITEL & DEITEL, Seventh Edition, 2012, ISBN-13: 978-0-13-299044-8

15. Course code: MGMT212

Course title: E - Commerce

Course outline: Use of Internet as a new channel for transferring goods & services; mechanics of E-commerce; characteristics of Internet as a tool without boundaries. Designing marketing programs for Internet use. Primary Textbook:

E-Commerce (2014). 10th edition, Kenneth C. Laudon & Carol Traver, Prentice Hall.

16. Course code: ACCT201

Course title: Principles of Accounting I

Course outline: This course revisits topics covered in Financial Accounting, with a focus on the asset side of the balance sheet: Cash, accounts and notes receivable, inventory, marketable securities, equity investments, and intangibles. The course also covers revenue and expense recognition issues, and generally accepted accounting principles that affect the format and presentation of the financial statements.

Textbooks: Belverd E. Needles., Marian P., Susan V. Crosso., Principles of Accounting 12th Edition

17. Course code: STAT211

Course title: Business Statistics I

Course outline: Business Statistics is the science of collecting, organizing, and summarizing data to provide Information, stated in numerical form, for the purpose of making objective business decisions. Descriptive statistics, sampling, sampling size estimation, hypothesis testing will be the focus of the course.

Textbooks: Elementary Statistics: Picturing the World, Fifth Edition, Ron Larson,

18. Course code:FINA303

Course title: Business Finance I

Course outline: Introduction to financial management; financial institutions & money markets; analysis of financial statements; discounted cash flow analysis; project cash flow analysis; analysis of flow of funds; risks and returns.

Textbooks: James C. Van Horne & John M.Wachowicz, Jr. "Fundamentals of Financial Management" 12th Ed., Prentice-Hall, 2003.

19. Course code: MGMT204

Course title: Business Communication

Course outline: This course will provide an introduction to business writing and speaking with a particular emphasis on grammar, sentence structure, thought formation, and presentation skills. Class activities will emphasize communication in real-world business situations and enable students to begin developing their ability to write and speak effectively in the workplace. By the end of this module, the students will be able to ddevelop their skills in verbal and nonverbal communication, communicate in teams, compose different kinds of business messages, preparing CVs and interviewing for jobs.

Textbooks: BCom2: Student edition, Authors: Lehman and Dufrene, Publisher: South-Western Cengage Learning

20. Course code: SOFT341

Course title: Database Design and Management

Course outline: Introduction to database management. Data storing methods and data organization. Hierarchical data modeling and schemas. E-R diagrams. Relational algebra and database processing languages (SQL, Quel etc). Synchronous tasks and their design. Logical database design. Object oriented and fuzzy logic databases. **Textbook:** Fundamentals of Database Systems, Elmasri & Navathe, Addison-Wesley.

21. Course code: ACCT202

Course title: Principles of Accounting II

Course outline: This course examines the principles, techniques, and uses of accounting in the planning and control of business organizations from a management perspective. Identified are the budgetary process and related performance evaluation techiques, cost-volume-profit relationship, product costing methods, Just-In-Time (JIT) manufacturing, and Activity Based Costing (ABC). Related theory and application will also be reviewed.

Textbooks: Belverd E. Needles., Marian P., Susan V. Crosso., Principles of Accounting 12th Edition

22. Course code: STAT212

Course title: Business Statistics II

Course outline: The aim of this course is to familiarize students with the basic concepts and techniques in statistics. To enhance the analytical skills of students to interpret data and to produce information for decision making in functional areas of business and economics. To help students think statistically and to motivate students to study furthers in areas of challenge offered by statistics.

Textbooks: Elementary Statistics: Picturing the World, Fifth Edition, Ron Larson,

23. Course code: MGMT301

Course title: Production and Operation Management

Course outline: This course covers the translation of product and services requirements into facilities, procedures, and operating organizations. It includes product design, production alternatives, facilities location and layout, resource requirements planning, quality control, and project management.

<u>Textbook:</u> Introduction to Operations and Supply Chain Management with MyOMLab, Global Edition, 4th Edition, Cecil Bozarth, Robert Handfield: Pearson Publishing.

24. Course code: SOFT332

Course title: Operating Systems

Course outline: Introduction to operating systems: usage areas, functions and properties. Resource allocation, work and resource organization. Giving precedence to processes. Memory management. Interrupts and their control. Internal communication, control of peripherals.

Textbook: Abraham Silberscharz, Galvin, Gagne, Operating System Concepts, Eighth Edition, John Wiley & Sons, 2010.

25. | Course code: MGMT305

Course title: Management Information Systems

Course outline: Business information systems study examines how to bring about business benefits through technology-enabled change while recognizing the role of people in this process. On this course topics include fundamentals of MIS, computing, algorithms and data structures, database management, application of MIS and simulation of MIS will be covered and the students will gain the knowledge and experience required to help businesses and organizations react to new challenges with the right technology.

Textbooks: Management Information Systems, Global Edition, 13th Edition, Kenneth Laudon, Jane Laudon: Pearson Publishing.

26. Course code: MARK301

Course title: Principles of Marketing

Course outline: An understanding of consumer decision processes is developed through application of behavioral sciences. Organizational decision-making processes are also considered. The main subjects of this course are market segmentation, product development policies and methods, distribution decisions, and international marketing. Students develop an understanding of the theories and techniques of planning, conducting, analyzing and presenting market studies

Textbooks: Principles of Marketing with MyMarketingLab, Global Edition, 16th Edition, Philip Kotler, Gary Armstrong: Pearson Publishing.

27. | Course code: SOFT316

Course title: Internet & Web Programming

Course outline: This course is an introduction to the tools, technologies, and languages used for the design and implementation of Web applications. Hypertext Markup Language (HTML), Cascading Style Sheets (CSS), Extensible Markup Language (XML), Extensible Stylesheet Language transformations (XSLT), JavaScript and AJAX are covered for programming on the client side. XML Web services, a scripting language and the corresponding Web application development environment, session tracking, and using database are covered for programming on the server side.

Textbook: Head First HTML5 Programming by O'reilly

28. | Course code: MGMT302

Course title: Quantitative Analysis for Management

Course outline: The main aim of this course is to provide students with an introductory yet comprehensive overview of quantitative tools that can be used to analyze management related problems. It also provides an opportunity to learn the application of some of the basic models used for business forecasting.

Textbooks: Quantitative Analysis for Management, 8th Edition, Render, Stair and Hanna

29. Course code: MGMT304

Course title: Organizational Behavior

Course outline: The study of human behavior in organizations. Emphasizes theoretical concepts and practical methods for understanding, analyzing, and predicting individual, group, and organizational behavior. Topics include work motivation,

group dynamics, decision making, conflict and negotiation, leadership, power, and organizational culture. Ethical and international considerations are also addressed.

Textbooks: Essentials of Organizational Behavior, Global Edition, 13th Edition, Stephen Robbins, Timothy Judge: Pearson Education.

30. Course code: MGMT306

Course title: Human Resources Management

Course outline: An introduction to the human resources function and related elements and activities. The course outlines the roles and functions of members of the human resources department, as well as educating others outside human resources, in how their roles include human resources-related activities. The student will learn about the evolution in human resources management. Topics cover personal planning, performance management and appraisal, managing employee retention, pay for performance etc.

Textbooks: Human Resource Management, 13/E, R. Wayne Mondy, 2014: Prentice Hall

31. Course code: COMP216

Course title: Object Oriented Programming

Couse Outline: Introduction to C++, Classes and Objects, File Processing, Operator Overloading, Object Oriented Programming, Inheritance, Polymorphism, Templates, Stream Input / Output, Exception Handling. **Textbook:** Software Engineering in C, Peter A. Darnell, Philip E. Margolis, Springer Verlag, 1988.

32. Course code: MISP405

Course title: Web Applications Development

Course outline: This course studies the science and engineering of today's World Wide Web. The languages, protocols, services and tools that enable the web, in order to understanding of all the pieces of the distributed computing puzzle will be studied. Emphasis will be placed on new and emerging technologies of the Web. Primary Textbook:

Web Design with HTML, CSS, JavaScript and jQuery Set (2014). 1st edition, Jon Duckett: Wiley.

33. Course code: MISP401

Course title: Computer Networks I

Course outline: This course provides a broad introduction to the fundamentals of computer networks with focus on the functions performed at each layer of the network architecture and common layer protocol **standards**. Upon completion of the course, students develop an understanding of the general principles of networking. The content of the course is based around the Internet Model (TCP/IP) which deals with the major issues in the bottom two (Physical, Data Link) layers of the model. Specific attention is given to the introductory concepts of networking, principles of network architecture and layering, telecommunication aspects of physical layer, transmission media, switching, error detection and correction, issues related to data link control, LANs and WANs.

34. Course code: MGMT401

Course title: Research Methods

Course outline: Research methods deals with the following areas: Selecting research subject, Traditional techniques based on secondary data, Determination of Data Sources, Survey technique, Data collection, tabulation, analysis and interpretation, Preparing a Research Report.

Textbooks: 1. Ranjit Kumar, Research Methodology, Sage Publications, London, 1999.

2. William Trochim, The Research Methods Knowledge Base (for social sciences, but still an excellent source).

35. Course code: MISP403

Course title: System Analysis and Design

Course outline: This aim of this course is to provide the students with theoretical and practical skills related to system design and analysis process with an emphasis on object oriented approach. An overview of systems development projects and approaches is followed by thorough coverage of systems analysis and design issues equipping the students with the ability to perform OOA using the OMG Unified Modeling Language (UML). The topics covered are project management and planning, requirements gathering, documentation, analysis and modeling, input/output/user interface design, team organizations, system integration and architecture, system interfaces, control and security.

TextBook:

Satzinger, John W., Robert B. Jackson, and Stephen D. Burd. Object-oriented analysis and design: with the unified process. 1st ed. Boston, MA: Thomson Course Technology, 2005. Print. ISBN: 978-0619216436

36. Course code: MISP402

Course title: Computer Graphics

Course outline: Creating mouse tools and pop-up windows are covered within this course. Other topics include Interactive drawing tools, A CAD program, three-dimensional graphics, solid modelling, use of ready graphics tools animations, and current and future trends in animation.

Textbook:

Computer Graphics: Principles and Practice (2013). 3rd Edition, John F. Hughes & Andries van Dam & Morgan McGuire: Addison-Wesley Professional.

37. Course code: MISP404

Course title: Computer Services Management

Course outline: The aim of this course is to impart the skills and understanding required to manage complex computer systems as part of the support services of an organisation. This will include selection, installation, service concept, organisation, business processes, customer liaison, availability management, capacity planning, support processes, planning, costing and charging, contracting and procurement and legal and professional issues, maintenance and support of a wide range of computing technologies and an understanding of currently recommended computing technologies.

Primary Textbook:

Architecture and Patterns for IT Service Management, Resource Planning, and Governance (2011). 2nd edition, Charles T. Betz: Morgan Kaufmann.

38. Course code: MISPXXX

Course title: Information Systems Security

Course outline: The Information Systems Security course enables students to learn security concepts and understand how IT related risks can be minimized through security and control measures. Students will also develop an understanding of some important regulatory requirements. The course assumes the students to have a preliminary knowledge of computers and the internet. The course will enable students and/or professionals, interested in information security, risk and compliance, develop the knowledge and skills required to pursue careers as internal and external IS auditors, information security professionals, consultants, among others.

Management of Information Security (2010). 3rd edition, Michael E. Whitman & Herbert J. Mattord: Cengage Learning.

39. Course code: MISPXXX

Course title: Advanced Database Management System

Course outline: This course covers the architecture of a DBMS, responsibilities and tasks of a DBA, installation, logical DB layout, and physical DB layouts. Query processing, indexing/hashing, transaction management, backup, recovery, logging, managing the development process, tuning, security/auditing, data replication, and mirroring are also included. (Prerequisite: CIS203).

Textbook:

Concepts of Database Management (2011). 7th edition, Philip J. Pratt & Joseph J. Adamski: Cengage Learning

40. Course code: MISPXXX

Course title: Computer Services Management

Course outline: The aim of this course is to impart the skills and understanding required to manage complex computer systems as part of the support services of an organisation. This will include selection, installation, service concept, organisation, business processes, customer liaison, availability management, capacity planning, support processes, planning, costing and charging, contracting and procurement and legal and professional issues, maintenance and support of a wide range of computing technologies and an understanding of currently recommended computing technologies.

Textbook:

Architecture and Patterns for IT Service Management, Resource Planning, and Governance (2011). 2nd edition, Charles T. Betz: Morgan Kaufmann.

41. Course code: MISPXXX

Course title: Software Engineering Principles

Course outline: This course covers the scope of software engineering, software process methods, software metrics, project management concepts, software project planning, project scheduling, risk analysis and management, software quality assurance, software configuration management, version control testing, software maintenance, reengineering, and reverse engineering.

Primary Textbook:

Software Engineering: A Practitioner's Approach (2014). 8th edition, Roger Pressman & Bruce Maxim: McGraw-Hill Science/Engineering/Math.

42. Course code: MISPXXX

Course title: Wireless Networking

Course outline: This course provides a broad survey of wireless communications, including data link and physical layer protocols, as well as transmission methods for established and emerging standards, including Wireless personal Area Networks (IrDA, Bluetooth, WiMedia, UWB and Zigbee).

Next Generation Wireless LANs: 802.11n and 802.11ac (2013). 2nd edition, Eldad Perahia & Robert Stacey: Cambridge University Press.

43. Course code: MISPXXX

Course title: Game Programming

Course outline: The Game Programming course is designed to prepare students for entry into the world of graphics programming. Graphics and simulation is used in several segments of Information Technology, including Education and Training, Aerospace and Defense, and Gaming.

Textbook:

Textbook:

Game Development Essentials: An Introduction (2011). 3rd edition, Jeannie

44. Course code: MISPXXX

Course title: Artificial Intelligence

Course outline: To introduce the concepts which underpin the field of Artificial Intelligence and provide practical experience in the design of small intelligent systems;

Textbook:

Artificial Intelligence: A Modern Approach (2009). 3rd Edition, Stuart Russell & Peter Norvig: Pearson Prenctice Hall.

45. Course code: MISPXXX

Course title: Internet Programming

Course outline: This course covers mark-up languages and advanced technologies, including HTML, JavaScript, DHTML, CSS, XML and CGI. On completion, you will be able to design and create an advanced website and will be equipped to undertake complex internet projects.

Primary Textbook:

Web Programming And Internet Technologies: An E-Commerce Approach (2012). Porter Scobey & Pawan Lingras: Jones & Bartlett Learning.

46. Course code: MISPXXX

Course title: 2C, 3D Digital Applications

Course outline: This course introduces students with an intensive knowledge of number systems and codes, fundamentals of logic, and basics of data communication, IT Systems Analysis, Multimedia & the Web, Software Design and Production including Games Programming and Animation, courses include ICT aspects like print and digital publishing, web authoring and creating electronic portfolios multimedia aspects like-video, sound and authoring software, as well as digital video equipment. You will also learn to design and develop a range of multimedia products, including websites, animations, TV and radio broadcasts, creation of interactive 3D games. *Primary Textbook:*

Digital Modeling (2012). William Vaughan: New Riders.

47. Course code: MISPXXX

Course title: Mobile Device Programming

Course outline: This course includes a comprehensive introduction to building applications for mobile devices with the use of the three key operating systems this includes Apple's OS, Android Mobile and windows mobile. The course includes Model-view-controller design architecture, standard integrated development environment, extensive programming in C#, user interface design, navigation, debugging, hardware sensors, web services, etc. *Primary Textbook:*

Programming Mobile Devices: An Introduction for Practitioners (2007). Tommi Mikkonen, Wiley.

48. Course code: MGMT410

Course title: Insurance and Risk Management

Course outline: This course surveys risk fundamentals, the risk management process, and insurance as a systematic approach to transfer and finance risk. It examines how insurance offers financial protection against major risks individuals face, how the insurance market is structured, and how and why the industry is regulated. This course also provides the theories and practical applications from the industry as well as issues related to the furtherance of insurance as a viable risk management solution.

Textbook: Principles of Risk Management and Insurance (2013) (Pearson Series in Finance). George E. Reida & Michael McNamara: Prentice Hall.

49. Course code: MGMT411

Course title: Non-Governmental Organizations

Course outline: This course explores concepts, analytical tools, management practices in NGO's. NGO's goods and services to business markets in domestic and global environments.

Textbook: Non-Governmental Organizations and Development (2009; Routledge Perspectives on Development). David Lewis and Nazneen Kanji, 1st edition, Routledge.

50. Course code: MGMT412

Course title: Corporate Governance and Family Business

Course outline: Nature of corporate governance and family business. How to manage the family business. Research, presentation and debates about corporate governance and family business.

Textbook: Governance in Family Enterprises: Maximising Economic and Emotional Success (2014). Alexander Koeberle-Schmid & Denise Kenyon-Rouvinez & Ernesto Poza: Palgrave Macmillan.

51. Course code: MGMT413

Course title: Small Business Seminar

Course outline: How to start and manage your own business. The types of small business enterprises. Establishing and managing a small business. Preparing business plans. Presentations and case studies.

Textbook: Small Business Management (2014). Justin G. Longenecker & J. William Petty & Leslie E. Palich, 17 edition: Cengage Learning.

52. Course code: MGMT414

Course title: Contemporary Issues in Business

Course outline: New developments in management and business forms. Research, presentation and debates about the new issues in business.

Textbook: Contemporary Business (2012). Louis E. Boone & David L. Kurtz, 15th edition: Wiley.

53. Course code: MGMT416

Course title: Supply Chain and Management

Course outline: Supply chain operating practices and principles (i.e., the fundamentals of materials and logistics management). Studies and analyzes the dynamic nature of supply chain management for products and services and addresses the impact of the global economy on the management process. The course also develops a solid grounding in the theory of supply chain design, which includes strategies for customer service, quality, logistics, inventory management, and integrated supply chain management. Includes forecasting, postponement, sourcing (in particular, global sourcing), network design, and virtual integration (web-centric) and illustrates these concepts through cases.

Textbook: Supply Chain Management (2012). Sunil Chopra & Peter Meindl, 5th Edition: Prentice Hall.

54. Course code: MGMT417

Course title: Cross Cultural Studies in Organizations

Course outline: Asian, American and European multinationals are studied on a comparative basis to understand similarities and differences in company objectives, company cultures and managerial practices.

Textbook: Managing Organizations in a Global Economy: An Intercultural Perspective (2004). John Saee, 1st edition, South-Western College Pub.

55. Course code: MGMT418

Course title: Workshop in Export and Import

Course outline: This course examines the basics of exporting and importing management, an introduction to the intricacies of how export and export deals function, procedures and documentation, identifying an international trade opportunity and bring the opportunity to fruition

Textbook: John J. Capela, Import/Export for Dummies. Wiley Publishing, 2008

- Jennifer Dorsey, Start Your Own Import/Export Business, 2nd ed. Entrepreneur Press. 2007

56. Course code: MGMT419

Course title: Consumer Behavior

Course outline: Blending both concepts & applications from the field of consumer behaviour; presenting theoretical concepts, stressing the applications of these conceptual materials to marketing strategy and decision making in the private, public & non-profit sectors.

Textbook:Consumer Behavior, 10th edition, Leon G. Schiffman, Leslie Lazar Kanuk: Pearson Publishing.

57. Course code: MGMT420

Course title: Logistics Management

Course outline: Nature of logistics management. Institutional & functional analysis of distribution channels; selecting, evaluating & managing distribution channels. Location facilities, international transportation, customer service, material handling, Incoterms, export-import transactions and international payment methods.

Textbook: Contemporary Logistics, 10th edition. Coyle, Langley, Murphy & Wood.

58. Course code: MGMT421

Course title: Leadership and Organizational Culture

Course outline: The course focuses on understanding the critical leadership competencies and characteristics necessary for guiding organizations. This course will use leadership self-awareness tools developed especially for organizational leaders. Students will deepen their understanding of traditional and contemporary leadership theories and practices; and, explore the organizational contexts where work, management and leadership happen. Guiding organizations through strategic and operational change initiatives requires an understanding of organizational culture and change. This course will enable students to study organizational theories, systems thinking, and the relationship between cultural issues and successful change implementation. They will experiment with taking on the role of a change agent through simulations, case studies, and studying changes in their own work place.

Textbook: Northouse, P. G. (2013). (6th ed.) Leadership: Theory and Practice. Thousand Oaks: CA: Sage Publications.

59. Course code: MGMT422

Course title: Service Quality Management

Course outline: This course introduces the key concepts in managing service organisations and their operations. The focus is on creating value and customer satisfaction. This course covers in-depth discussions of services, value creations, service strategy, and the issues related to the development of a service system. This course also addresses topics crucial to effectively and efficiently operating a service system, such as managing capacity and demand, and service quality management.

Textbooks: 1. R. Woods and J. King, Quality Leadership and Management in the Hospitality Industry. AHLA. 2. Jay Kandampully, Connie Mok, Beverley A. Sparks Service Quality Management in Hospitality, Tourism, and Leisure Routledge, 2001

60. Course code: MGMT424

Course title: Business Ethics

Course outline: This course exposes the student to both sides of past and present ethical dilemmas facing the world. Course content includes an overview of individual ethical development, ethical issues in business today, the opportunity and conflict of ethical decision-making framework, and the development of an effective ethics program in a corporation.

Textbooks: 1.Business Ethics (2013). 7th Edition, Richard DeGeorge: Pearson New International Edition. 2.Business Ethics and Values (2012). 4th Edition, Colin Fisher, Alan Lovell, Néstor Valero-Silva: Pearson.

61. Course code: MARK407

Course title: Contemporary Issues in Marketing

Course outline: New developments in management and business forms. Research, presentation and debates about the new issues in business.

Textbooks: Contemporary Business (2012). Louis E. Boone & David L. Kurtz, 15th edition: Wiley.

62. Course code: MARK409

Course title: Sales Management

Course outline: To build students' understanding of sales management concepts and strategies, organization of sales department, planning sale force activities, operations and evaluation of results.

Textbooks: Sales Management: Shaping Future Sales Leaders, John Tanner, Earl Honeycutt, and Robert Erffmeyer: Pearson Prentice Hall.

63. Course code: MARK410

Course title: Brand Management

Course outline: In this course, within the concept of image management and other communicative applications which strengthen the effective consumer perception, the meaning of brand will be explained through case studies. How a brand is created, promoted and developed will ve taken into account by both conceptual and analytical framework. Students also understand the similarities and differences between local and international brand managements.

Textbooks: Strategic Brand Management (2007). 3rd edition, Kevin Lane Keller: Prentice Hall.

64. Course code: MARK411

Course title: Marketing Research

Course outline: Research can be accepted the most crucial process in all marketing activities, within this concept this course is designed for giving scientific method & techniques used for the systematic data gathering, recording & analysing data about problems related to marketing of goods and services.

Textbook: Modern Marketing Research: Concepts, Methods and Cases, Feinberg F., T. Kinnear, and J. Taylor: Thomson Corporation

65. Course code: ECON409

Course title: Turkish Economy

Course outline: This course focuses on the overall structure of the economy; sources and use of income; public sector; main sectors; agriculture, industry, services; income distribution; trends in production, employment, inflation, finance and trade; **Textbook:** Turkish economy and EU; analysis of the dynamics of change of the Turkish economy and evolution of economic policies within the context of the world economy and globalization.

66. Course code: ECON410

Course title: Industrial Organization

Course outline: This course applies microeconomic theory and econometric analysis to study firms and markets. Both theoretical and empirical work is considered, and implications for business strategy and public policy are discussed. Topics include imperfect competition, pricing, advertising, entry and exit, industry evolution, cartel formation, vertical integration, mergers, antitrust, and regulation. Several real world industries are used to focus ideas, provide examples, and test theories.

Textbook: Industrial Organization: Contemporary Theory and Empirical Applications (2013). 5th edition, Lynne Pepall, Dan Richards and George Norman: Wiley.

67. Course code: ECON412

Course title: Monetary Theory and Policy

Course outline: This course examines the basic workings of the financial system and monetary policy primarily in developing countries. There is an emphasis on understanding the issues relating to interest rates, the tools of monetary policy, and the role of the Central Bank. The general economics and structure of the financial system is also discussed.

Textbook: Monetary Theory and Policy (2010). 3rd edition, Carl E. Walsh: MIT Press.

68. Course code: ECON413

Course title: Project Appraisal and Cost Benefit Analysis

Course outline: This course focuses on the economic, social and environmental appraisal of project options. Considerable emphasis is placed on the application of cost-benefit analysis and the incorporation of multiple objectives in project appraisal in developed and developing countries. Extensive use of relevant case studies will be made throughout the course.

Textbook: Cost Benefit Analysis (2007). 5th edition, E.J. Mishan and Euston Quah:

69. Course code: ECON414

Course title: Environmental Economics

Course outline: This course introduces ecological limits on economy and natural resources; environment and ethics; economic growth, population growth and environment; theories of environmental policy instruments, valuation of environmental goods, dynamic aspects of local and international aspects of environmental issues.

Textbook: Environmental Economics: An Introduction (2012). 6th edition, Barry Field & Martha k Field: McGraw-Hill/Irwin.

70. Course code: ECON415

Course title: Comparative Economic Systems

Course outline: This course deals with different economic systems and political structures of various countries. Students will be able to compare and contrast different economic systems.

Textbook:Comparing Economic Systems (2003). 7th edition, Paul R. Gregory and Robert Stuart: Houghton Mifflin.

71. Course code: ECON416

Course title: Empirical Economic Analysis

Course outline: course provides students with a grounding in basic econometric methods. The techniques learnt in this course are part of an economist's essential 'tool kit'. It will provide students with an understanding of the basic techniques of multiple regression analysis and enable them to interpret and critically evaluate the results of empirical research in economics.

Textbook: Introduction to Econometrics (2011). 3rd edition, James H. Stock and Mark Watson: Pearson Education.

72. Course code: ECON 417

Course title: Agricultural Economics

Course outlineAn introduction to the principles of economics including production principles; production costs, supply and revenue; profit maximization; consumption and demand; price elasticity; market price determination; and competitive versus noncompetitive market models. These principles are applied to agriculture and the role of agriculture in the United States and world economies. Other topics include a survey of the world food situation; natural, human and capital resources; commodity product marketing; and agricultural problems and policies. **Textbook:** Agricultural Economics and Agribusiness, Cramer, Jensen, and Southgate, John Wiley

73. Course code: ECON 418

Course title: Contemporary Issues in Economics

Course outline: The module aims to develop your ability to apply economic analysis to a range of contemporary economic problems and policies.

Textbook: Economics of Social Issues - Ansel M. Sharp, Charles A. Register and Paul W. Grimes (16th edition) Irwin/McGraw-Hill, 2004.

74. Course code: ECON419

Course title: Global Economics

Course outline: This course offers an overview of various aspects of global economy within the field of economic geography and its linkages to related issues of resources, development, international business and trade. It investigates the phenomenon of globalization and seeks to provide understanding of today's increasingly interdependent world. Geographers are interested in examining the difference location makes to how economic activity is organized as globalization makes small differences among places increasingly important. This course recognizes that economy cannot be treated separately from other domains of social studies so such topics as political economic theories and models, historical context, consumption trends, role of telecommunications, and others will be discussed.

Textbook: The World Economy: Resources, Location, Trade, and Development, 5th Edition by F.P. Stutz and B. Warf.

Pearson Prentice Hall, 2007. ISBN 0-13-243689-2.

75. Course code: ACCT407

Course title: Budgeting Systems & Control

Course outline: Modern businesses are an epitome of uncertainty and complexity. Over the period, this uncertainty and complexity in business has led to the development of various managerial tools, techniques and procedures useful in managing business successfully. Of all these, budgeting is the most common and widely used standard device for planning and control. This course provides fundamental understanding of budgeting, budgeting process and includes a practical guide for preparing and mastering financial budgets **Textbook:** Sid Kemp and Eric Dunbar, "Budgeting for Managers", McGraw-Hill, 2003.

76. Course code: ACCT408

Course title: Accounting Software Applications

Course outline: Computer aided accounting. Theory and application of different types of accounting computer programs.

Textbook: Accounting Information Systems (2014). 13th Edition, Marshall B. Romney & Paul J. Steinbart: Prentice Hall.

77. Course code: ACCT409

Course title: Accounting for Government and NGO's

Course outline: Emphasis on accounting, budgeting, auditing and reporting policies and practices for government, state-economic enterprises, municipalities and other non-profit organizations and non-governmental organizations.

Textbook: Accounting for Governmental and Nonprofit Entities Hardcover (2015), Jacqueline Reck (Author), Suzanne Lowensohn (Author), Earl Wilson (Author), McGraw-Hill/Irwin; 17 edition

78. | Course code: ACCT410

Course title: Managerial Accounting

Course outline: This course teaches students how to extract and modify costs in order to make informed managerial decisions. Planning is covered by topics including activity-based costing, budgeting, flexible budgeting, cost-volume-profit analysis, cost estimating, and the costs of outsourcing. Control is covered by topics including standard costing, variance analysis, responsibility accounting, and performance evaluation. Emphasis is

placed on cost terminology (the wide variety of costs), cost behavior, cost systems, and the limitations concerning the use of average costs.

Textbook: Hilton, Ronald W., Managerial Accounting: Creating Value in a Dynamic Business Environment- 10th ed., McGraw-Hill Irwin. ISBN 9780078110917

79. Course code: ACCT 302

Course title: International Accounting

Course outline: International Accounting is the international aspects of accounting, including such matters as accounting principles and reporting practices in different countries and their classification; patterns of accounting development; international and regional harmonization, foreign currency translation; foreign exchange risk; international comparisons of consolidation accounting and inflation accounting; accounting in developing countries; performance evaluation of foreign subsidiaries.

Textbook: International Accounting (2014). 4 edition, Timothy Doupnik & Hector Perera: McGraw-Hill/Irwin.

80. Course code: FINA408

Course title: Commercial Bank Management

Course outline: This course is designed to provide an overview of commercial banks, their functions, management, and role in the economy. Topics include: basic asset, liability, liquidity and interest-rate risk management, primary lending functions pricing techniques, risk management bank organisation and familiarisation with international banking. The purpose and functions of central banking are studied with attention to monetary targets and policies.

Textbook: Introduction to Banking, Barbara Casu, Claudia Girardone, Philip Molyneux: Pearson Publishing.

81. Course code: FINA409

Course title: Financial Institutions & Market

Course outline: The role of financial markets in economic development and study of financial sector; businesses, consumers and governments in money and capital markets are observed with emphasis on financial instruments, analysis of financial intermediaries and the determination of interest rates.

Textbook: Financial Markets and Institutions (2013). Global Edition, 7th Edition, Frederic Mishkin, Stanley Eakins: Pearson Publishing.