



**FINAL INTERNATIONAL UNIVERSITY
FACULTY OF ECONOMICS AND ADMINISTRATIVE SCIENCES**

Program	Banking, Finance and Accounting
Medium of Instruction	English

Category	Associate Degree	X	Undergraduate	Masters (Project Based)	Masters (Thesis)	PhD

CURRICULUM

ABBREVIATIONS

UC: University Core

FC: Faculty Core

AC: Area Core

UE: University Elective

AE: Area Elective

YEAR 1

FALL

Semester	Course code	Course name	Course category	Credit			Pre-requisite	ECTS Credits
				Lec.	Pract.	Tot.		
1	MGMT101	Introduction to Business I	FC	3	0	3		7
1	ECON101	Introduction to Economics I	FC	3	0	3		7
1	MATH111	Mathematics for Business I	FC	3	0	3		7
1	COMP111	Computer I	UC	2	1	3		3
1	ENGL101	English I	UC	3	0	3		6
Total Credit						15		30

SPRING

2	ECON102	Introduction to Economics II	FC	3	0	3	ECON101	7
2	MGMT102	Introduction to Business II	FC	3	0	3	MGMT101	6
2	COMP112	Computer II	UC	2	1	3	COMP111	3
2	MATH112	Mathematics for Business II	FC	3	0	3	MATH111	6
2	ENGL102	English II	UC	3	0	3	ENGL101	6
2	HIST100/ TURK100	History of Turkish Republic/ Turkish as a Second Language	UC	2	0	2		2
Total Credit						17		30

YEAR 2

FALL

3	FINA201	Introduction to Banking & Finance	AC	3	0	3		6
3	ECON201	Intermediate Microeconomics	AC	3	0	3		6
3	MGMT205	Business Law	AC	3	0	3		6
3	ACCT201	Principles of Accounting I	FC	3	0	3		6
3	STAT211	Business Statistics I	FC	3	1	3	MATH111	6
Total Credit						15		30

SPRING

4	FINA204	Financial Marketing	AC	3	0	3		6
4	MGMT204	Business Communication	AC	3	0	3		6
4	ECON202	Intermediate Macroeconomics	AC	3	0	3		6
4	ACCT202	Principles of Accounting II	AC	3	0	3	ACCT201	6
4	STAT212	Business Statistics II	FC	3	1	3	STAT211	6
Total Credit						15		30

YEAR 3								
FALL								
5	ECON301	International Economics I	AC	3	0	3		6
5	FINA311	Commercial Bank Management	AC	3	0	3		6
5	FINA315	Project Management	AC	3	0	3		6
5	FINA303	Business Finance I	AC	3	0	3		6
5	ACCT301	Cost Accounting I	AC	3	0	3		6
Total Credit						15		30
SPRING								
6	ECON302	International Economics II	AC	3	0	3	ECON301	4
6	FINA302	Money and Banking	AC	3	0	3		6
6	FINA304	Business Finance II	AC	3	0	3		5
6	ACCT302	Cost Accounting II	AC	3	0	3	ACCT301	6
6	UE-XXX	University Elective I	UE	3	0	3		6
6	BANK300	Summer Internship - 30 calendar days	AC	0	0	0		5
Total Credit						15		32
YEAR 4								
FALL								
7	MGMT401	Research Methods	FC	3	0	3		6
7	FINA401	Financial Statement Analysis	AC	3	0	3	ACCT202	6
7	FINA403	International Finance	AC	3	0	3		6
7	ACCT401	Auditing I	AC	3	0	3		6
7	UE-XXX	University Elective II	UE	3	0	3		6
Total Credit						15		30
SPRING								
8	ACCT402	Auditing	AC	3	0	3	ACCT401	6
8	FINA404	Financial Derivatives	AC	3	0	3		6
8	FINA406	Financial Risk Management	AC	3	0	3		6
8	AE-XXX	Area Elective I	AE	3	0	3		6
8	AE-XXX	Area Elective II	AE	3	0	3		6
Total Credit						15		30

AREA ELECTIVE COURSES

	Course Code	Course Name	Credit			ECTS Credits
			Lec.	Pract.	Tot.	
1	MGMT421	Insurance & Risk Management	3	0	3	6
2	MGMT422	Non-Governmental Organizations	3	0	3	6
3	MGMT423	Corporate Governance & Family Business	3	0	3	6
4	MGMT424	Small Business Seminar	3	0	3	6
5	MGMT425	Contemporary Issues in Business	3	0	3	6
6	MGMT426	Logistic Management	3	0	3	6
7	MGMT427	Leadership and Organizational Culture	3	0	3	6
8	MGMT428	Service Quality Management	3	0	3	6
9	MGMT429	Business Ethics	3	0	3	6
10	MGMT430	International Human Resource Management	3	0	3	6
11	MGMT431	Cross Cultural Studies in Organizations	3	0	3	6
12	MGMT432	Total Quality Control	3	0	3	6
13	MARK302	Consumer Behavior	3	0	3	6
14	MARK421	Contemporary Issues in Marketing	3	0	3	6
15	MARK422	Sales Management	3	0	3	6
16	MARK423	Brand Management	3	0	3	6
17	MARK424	Marketing Research	3	0	3	6
18	MARK425	Introduction to Advertising	3	0	3	6
19	MARK426	Services Marketing	3	0	3	6
20	MARK427	Public Relations	3	0	3	6
21	MARK428	Sustainable Marketing	3	0	3	6
22	MARK429	Business to Business Marketing	3	0	3	6
23	MARK430	Big Data and Marketing Analytics	3	0	3	6
24	MARK431	Personal Selling and Sales Management	3	0	3	6
25	MARK432	Theory and Marketing Thought	3	0	3	6
26	MARK433	Corporate Social Responsibility	3	0	3	6
27	MARK434	Fashion Marketing	3	0	3	6
28	MARK435	Distribution Channel Management	3	0	3	6
29	MARK436	Retail Marketing Management	3	0	3	6
30	MARK437	Marketing of Non-for Profit Organizations	3	0	3	6
31	MARK438	Sports Marketing	3	0	3	6
32	MARK439	Trends in Marketing Research	3	0	3	6
33	MARK440	Special Topics in Marketing	3	0	3	6
34	ECON421	Turkish Economy	3	0	3	6
35	ECON422	Industrial Organization	3	0	3	6
36	ECON423	Monetary Theory and Policy	3	0	3	6
37	ECON424	Project Appraisal and Cost Benefit Analysis	3	0	3	6
38	ECON425	Environmental Economics	3	0	3	6
39	ECON426	Comparative Economic Systems	3	0	3	6
40	ECON427	Empirical Economic Analysis	3	0	3	6
41	ECON428	Agricultural Economics	3	0	3	6
42	ECON429	Econometrics	3	0	3	6
43	ECON430	Global Economics	3	0	3	6
44	ECON431	Contemporary Issues in Economics	3	0	3	6
45	ECON432	Economic Development	3	0	3	6
46	ACCT310	International Accounting	3	0	3	6
47	ACCT421	Budgeting Systems & Control	3	0	3	6
48	ACCT422	Accounting Software Applications	3	0	3	6
49	ACCT423	Accounting for Government and NGO's	3	0	3	6
50	ACCT424	Managerial Accounting	3	0	3	6
51	FINA421	Financial Institutions & Markets	3	0	3	6
52	FINA422	Lending and Credit Analysis	3	0	3	6
53	FINA423	Financial Statistical Analysis	3	0	3	6
54	MISP421	Advanced Database Management System	3	0	3	6
55	MISP422	Software Engineering Principles	3	0	3	6
56	MISP423	Wireless Networking	3	0	3	6
57	MISP424	Game Programming	3	0	3	6
58	MISP425	Artificial Intelligence	3	0	3	6
59	MISP426	Internet Programming	3	0	3	6
60	MISP427	2C, 3D Digital Applications	3	0	3	6
61	MISP428	Mobile Device Programming	3	0	3	6
62	MISP429	Information Systems Security	3	0	3	6

COURSE BREAKDOWN

	Total		
	Number	Credit	ECTS Credits
All Courses	41	122	242
University Core Courses	5	14	20
Faculty Core Courses	10	30	64
Area Core Courses	22	60	129
Area Elective Courses	2	6	12
University Elective Courses	2	6	12
Summer Internship	1	0	5
Total			242

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	30	30	30	30	30	32	30	30	30.25

COURSE DESCRIPTIONS / SYNOPSES

MGMT101 - 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.

ECON101 - 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.

MATH111 - 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 (MATH102). Students succeeding both courses will be able to easily follow other area core courses that necessitates a certain level of mathematics. MATH101 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.

COMP111 - 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.

ENGL101 - 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

ECON102 - 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.

MGMT102 - 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, 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.

COMP112 - 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.

MATH112 - 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.

ENGL102 – 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

TURK100 - Turkish

Course outline: This course is designed to provide international students with the basic lexis and grammar of the Turkish language and to develop basic receptive and productive skills in Turkish.

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

HIST100 - History of Turkish Republic

Course outline: This course is designed to provide Turkish-speaking students enrolled in English-medium programs with a brief historical account of the Republic of Turkey. 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 will be covered.

Textbooks: Türkiye Cumhuriyeti Tarihi, Temuçin Faik Ertan, Siyasal Kitabevi, 2011.
Atatürk İlkeleri ve İnkılâp Tarihi, Komisyon, Gazi Kitabevi, 2011.

ACCT201 - Principles of Accounting I

Course outline: This course focuses 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 financial statements.

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

STAT211 - 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

ECON201 - Intermediate Microeconomics

Course outline: This course covers the subjects of theories of consumer behavior, theory of costs, output determination in competitive and non-competitive markets, general equilibrium analysis and welfare economics.

Textbooks: Microeconomics, 8th Edition, Robert Pindyck, Daniel Rubinfeld, 2013, Pearson

FINA201 - Introduction to Banking And Finance

Course outline: This course combines the study of modern economics with banking and finance. The students will be introduced to a broad range of economic subjects including banking, financial intermediation, asset and liability management, financial decision making, financial markets and institutions, and accounting.

Textbooks: Ritter S.L., Silber I. W and Udell F.G., Principles of Money, Banking and Financial Markets, 12th Edition, Addison Wesley, 2009

MGMT205 - Business Law

Course outline: Introduces the sources and basic principles of the law as it relates to business, the Constitution, sources of the law, business ethics; and studies a variety of applications of the law in contracts, torts, agency, and government regulation of business.

Text Book : Adams, A. (2006). "Law for Business Students". Pearson Publishing, Third Edition

ACCT202 - 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 techniques, 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

STAT212 - 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 further in areas of challenge offered by statistics.

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

MGMT204 - 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 develop 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

ECON202 - Intermediate Macroeconomics

Course outline: This course focuses on determinants of the level of aggregate demand, general equilibrium of product, money, and labor markets, international macroeconomic relationships, fundamentals of the economic growth process and income distribution

Textbooks: Macroeconomics with MyEconLab, Global Edition 2nd Edition Frederic Mishkin

FINA202 – Financial Marketing

Course outline: Students gain knowledge and skills in economies and private enterprise systems, the impact of global business, marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems and settings in business, marketing, and finance.

Textbooks: Marketing Finance: Turning Marketing Strategies into Shareholder Value, Keith Ward, Butterworth-Heinemann

ECON301 - International Economics I

Course outline: This course focuses on theories of comparative advantage; classical theory, Heckscher-Ohlin theory. Gains from trade. Factor price equalization theorem, Stolper-Samuelson theorem.

Contemporary theories of trade. Instruments of protection, tariffs and subsidies. Economics of integration.

Textbooks: International Economics by Dominick Salvatore 9th Edition

FINA303 – Business Finance I

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: Berk, J., DeMarzo, P., Harford, J., Ford, G., Mollica, V., & Finch, N. (2015). Fundamentals of Corporate Finance, Global Edition (3e). Pearson Higher Education

FINA315 - Project Management

Course outline: This course aims to provide the students with basic information and knowledge about planning, initiating, implementing and controlling projects. The course provides theoretical knowledge and practical skills – qualitative and quantitative – required for successful planning and conduct of projects.

Textbooks: Meredith, J. R. and Mantel, S. J. *Project Management: A Managerial Approach*. 9th ed. John Wiley. 2015

ACCT301 – Cost Accounting I

Course outline: The aims of this course are mainly to prepare students with a good understanding on the empirical foundation of cost accounting. The following topics will be covered in the course; the Manager and Management Accounting, an Introduction to Cost Term and Purposes, Cost Volume Profit Analysis, Job Costing, Activity Based Costing and Activity Based Management, Master Budget and Responsibility Accounting and Flexible Budgets, Direct-cost Variances and Management Control.

Textbooks: Management and Cost Accounting with MyLab Accounting, 7/E, Bhimani, Datar, Horngren & Rajan, Pearson

FINA 311 - Commercial Bank Management

Course outline: Overview of the US commercial banking industry and financial institutions; role of Federal Reserve; monetary policies and their effect on money supply and interest rates; policies pertaining to capital resources, profitability of functions and relations to other banks; effect of government regulations and economic conditions.

Textbooks: Rose Peter, "Commercial Bank Management". 4th Ed., McGraw Hill, 1999.

Mishkin Frederic, "The Economics of Money, Banking and Financial Markets", 2nd Ed., Scott Foresman, 1989.

ECON302 - International Economics II

Course outline: This course focus on Balance of payments; concepts and accounting. Income determination in an open economy. Foreign exchange markets and systems. Analyses of devaluation under fixed exchange rate regime. The gold standard and the IMF system. Fixed versus flexible exchange rates.

Textbooks: International Economics by Dominick Salvatore 9th Edition.

FINA302 - Money and Banking

Course outline: Banking, Determination of Interest Rates and Managing Interest Rate Risk, Managing Risk with Financial Futures and Interest, Managing Liabilities/ Managing Capital Risk, Measuring Cost of Funds and Controlling Noninterest Expense/ Managing Cash Assets, Liquidity Planning, The Investment Portfolio, Active Investment Strategies, Evaluating Commercial Loan Requests, Evaluating Consumer Loans, Loan Losses, Off- Balance Sheet Activities.

Textbooks: 1. Schoenholtz, Cecchetti. Money, Banking, and Financial Markets, Third Edition, Mc Graw Hill.
2. Hubbard, Glenn R., Money, the Financial System, and the Economy, Sixth Edition, Addison Wesley, 2008

FINA304 - Business Finance II

Course outline: Long-term planning & forecasting; basics of capital budgeting, cash management, accounts receivable and inventory management; short and long-term financing and portfolio management.

Textbooks: Bodie, Z., A. Kane, & A. J. Marcus. *Essentials of Investments*, 10th ed., Irwin McGraw-Hill, 2017.

ACCT302 – Cost Accounting II

Course outline: The aim of this course is to provide students, who had taken the basics of cost accounting, with a further knowledge of cost accounting systems that are employed in evaluating the cost of a product; in the process of planning and control; and decision-making. In the course the following topics will be covered: job costing, process costing, activity base costing, fundamental of cost management, service department and joint cost allocation, and planning and budgeting.

Textbooks: Management and Cost Accounting with MyLab Accounting, 7/E, Bhimani, Datar, Horngren & Rajan, Pearson

FINA401 - Financial Statement Analysis

Course outline: This course provides the tools and information needed to interpret and analyze financial statements. It will also enable you to make informed financial decisions based on the information contained in the financial statements.

Textbooks: Financial Management, 6th Edition, by L.D. Schall and Charles W. Haley. McGraw Hill

FINA403 - International Finance

Course outline: The aim of this course is to familiarize students with the operations of global financial markets and the analysis of financial decisions of multinational firms. By the end of this course, the student will have gained knowledge about special financial problems of corporations operating in more than one country, including decisions to invest abroad, forecasting exchange rates, measuring and managing exchange risk, international capital movements and portfolio diversification, the management of international working capital and the tools used in multinational fixed asset decisions.

Textbooks: Multinational Business Finance OLP with eText, Global Edition, 14/E, Eiteman, Stonehill & Moffett, Pearson

MGMT401 – Research Methods

Course outline: Research Methods introduces students to foundational issues of social scientific research, research ethics and academic integrity. Students will examine the strengths and weaknesses of major quantitative and qualitative data collection techniques as well as the processes involved in planning and executing such projects.

Textbooks: Research Methods for Business Students, 8/E, Adrian Thornhill, Philip Lewis, Mark N. K. Saunders, Pearson

ACCT401 – Auditing I

Course outline: This course focuses on auditing theory and practices applicable to both manufacturing and business organizations in general, auditing theory and practice including: auditing concepts, standards, rules of procedures, professional conduct, post-audit considerations and preparation of auditor's report.

Textbooks: Robertson, J. and Louwers, T.; Auditing, McGraw-Hill,

ACCT402 – Auditing II

Course outline: This course focuses on the auditing the revenue process, auditing the purchasing process, auditing the human resource management process, auditing the inventory, auditing the financing/ investing process: prepaid expense; intangible asset and goodwill; and property, plant and equipment, auditing the financing/ investing process: long term liabilities, stockholders' equity and income statement accounts, auditing the financing/ investing process: cash and investments, completing the audit engagement and report on audited financial statement through the use of case studies.

Textbooks: Robertson, J. and Louwers, T.; Auditing, McGraw-Hill

FINA404 - Financial Derivatives

Course outline: The course introduces students to the pricing and hedging of derivative securities. Topics covered include: Derivative basics, strategies and payoffs; the valuation techniques (Valuation of forward and forward-based derivatives; Valuation of option and option-based derivatives); applications of the valuation techniques for various types of securities, and the use of these securities for trading purposes, financial engineering, and investment applications.

Textbooks: Hull, J. (2018). Options, futures, and other derivatives. Upper Saddle River, N.J: Pearson.

FINA406 - Financial Risk Management

Course outline: The aim of this course is to present the basic notions on derivative markets, asset pricing and risk management. Topics covered in the lectures include futures/forwards, options, swaps, credit risk models and some exotic derivative products. The use of Value-at-Risk model in risk management will also be covered.

Textbooks: Introduction to Risk Management and Insurance. Dorfman, Mark S., Prentice Hall

ELECTIVE COURSES:

Business Electives:

MGMT421 - Insurance & 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. George E. Rejda & Michael McNamara: Prentice Hall.

MGMT422 - 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.

MGMT423 - Corporate Governance & 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: Maximizing Economic and Emotional Success (2014). Alexander Koeberle-Schmid & Denise Kenyon-Rouvinez & Ernesto Poza: Palgrave Macmillan.

MGMT424 - 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.

MGMT425 - 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

MGMT426 - 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.

MGMT427 - 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.

MGMT428 - Service Quality Management

Course outline: This course introduces the key concepts in managing service organizations 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,

MGMT429 - 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.

MGMT430 - International Human Resource Management

Course outline: This course provides an introduction to the economics, legal, political and social aspects of human resource management in an international context.

Textbook: The global challenge: International human resource management. Evans, P. (2010). McGraw-Hill Higher Education.

MGMT431 - 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 Sae, 1st edition, South-Western College Pub.

MGMT432 – Total Quality Control

Course outline: In this course, the basic concepts in Total Quality Management (TQM) and specific tools and techniques for quality improvement will be identified and examined. The course will help students to differentiate between product quality characteristics and service quality characteristics, list the key steps in the control of quality, and explain the process of planning for quality, the system of documentation, implementation and assessment of quality and the role of external and internal customers in setting quality parameters

Textbook: Quality Management for Organizational Excellence Pearson New International Edition: Introduction to Total Quality, 7/E by David L. Goetsch, Stanley Davis, Pearson

Marketing Electives:

MARK302 - 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.

MARK421 - 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.

MARK422 - 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.

MARK423 - 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 be 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.

MARK424 - 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 & analyzing 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

MARK425 – Introduction to Advertising

Course outline: This course provides a basic overview of principles and practices of advertising and examines various issues that are relevant to advertising. It aims to show the importance of advertising for communication and marketing with audience. Various cases will be examined and students will attempt to create samples of advertisements to practice throughout the semester.

Textbook: Arens, Weigold, Arens (2013). Contemporary Advertising and IMC. 14e, Burr Ridge, IL:McGraw Hill/Irwin

MARK426 – Services Marketing

Course outline: This course is designed for addressing the distinct needs and challenges of managing services and delivering quality service to customers and to prepare students to be successful managers in this increasingly service-oriented economy. It aims to help students understand the unique characteristics of services, the marketing challenges created by these characteristics, and effective ways to address these challenges.

Textbook: Lovelock & Wirtz, 2007, Services Marketing, 6/e, Pearson.

MARK427 – Public Relations

Course outline: The course introduces students to the strategic planning process involved in putting together and coordinating organizational public relations efforts. In this course, what is involved in developing, implementing and evaluating public relations strategies will be examined. The course provides insights on understanding an organization's internal and external environment; as well as identifying and addressing public relations situations that emerge in these environments.

Textbook: Ronald D. Smith 2017, Strategic Planning for Public Relations, 5th Edition, Routledge.

MARK428 – Sustainable Marketing

Course outline: This course aims to provide a comprehensive framework for learning about sustainability issues as a part of marketing strategy in the business and public sector. Some topics of the course includes market communication, environmental strategy and sustainable supply chain management. In this course, students will be provided with tools for critical analysis of marketing activities from a sustainability perspective. The course also reviews global trends and issues that influence sustainable product success.

Textbook: Diane Martin, John Schouten, 2014, Sustainable Marketing, New International Edition, Pearson

MARK429 – Business to Business Marketing

Course outline: This course provides the basics of marketing goods and services in organizations that market to other organizations. The course is suitable for individuals interested in business-to-business (B2B) marketing as well as in consulting, manufacturing, and in nonmarketing functional areas of B2B firms. The course emphasizes

the tactical aspects of business marketing and conceptual and strategic elements.

Textbook: Robert Vitale, Waldemar Pfoertsch, Joseph Giglierano, 2011, Business to Business Marketing, Pearson.

Hutt and Speh, 2013, Business Marketing Management b2b, South-Western CENGAGE Learning.

MARK430 – Big Data and Marketing Analytics

Course outline: This course introduces a variety of modern marketing data sources, and discusses how the data can be used in practice, and how to use statistical marketing models to evaluate the impacts of marketing-mix, and manage customer lifetime value.

Textbook: Chuck Hemann, Ken Burbary, 2018, Digital Marketing Analytics: Making Sense of Consumer Data in a Digital World, 2/E, Pearson.

James Mathewson, Mike Moran, 2016, Outside-In Marketing: Using Big Data to Guide your Content Marketing, IBM Press.

MARK431 – Personal Selling and Sales Management

Course outline: This course provides the basics of selling and guides the student to explore and understand successful sales and sales management behaviors. The course will focus on professional selling theory and approaches, presentation skills, and sales management techniques. Course topics include the selling process, the buying process, creating value in buyer-seller relationships, prospecting, sales call planning, communicating the message, negotiating for win-win solutions, closing the sale, as well as how to motivate, compensate and train sales people.

Textbook: Geoffrey Lancaster, David Jobber, 2015, Selling and Sales Management, 10th ed., Pearson.

MARK432 – Theory and Marketing Thought

Course outline: This course provides theoretical and applied perspectives on marketing theory and concepts including the historical development of marketing thought, and contemporary debates on theory and practice in specialist areas of the discipline. The course aims to provide substantial insights into the foundations and evolution of marketing and to foster skills in critical thinking, synthesis and articulation of ideas and arguments.

Textbook: Shelby D. Hunt, Armonk, 2010, Marketing Theory: Foundations, Controversy, Strategy, Resource-Advantage Theory, New York: M.E. Sharpe.

Michael J. Baker and Michael Saren, 2010, Marketing Theory, Second edition, Sage Publications.

MARK433 – Corporate Social Responsibility

Course outline: In this course, students are introduced to the concept of corporate social responsibility, which involves an examination of whether organizations should expand their focus from serving stockholders to also considering the impact of the firm's activities on diverse stakeholders.

Textbook: Werther, W. B. & Chandler, D. (2011). Strategic corporate social responsibility. Thousand Oaks, CA: Sage.

MARK434 – Fashion Marketing

Course outline: The course will provide fundamentals of marketing in apparel and related industry. Study of consumers and consumer choices in today's complex, ever-changing fashion marketplace. Consumer rights, responsibilities, and diversity considered. Basis for informed and wise consumer decisions.

Textbook: Gini Stephens Frings, Design West, 2014, Fashion: Pearson New International Edition: From Concept to Consumer, 9/E, Pearson.

Rath, P., Bay, S., Gill, P. (2014). The why of the buy: Consumer behavior and fashion marketing (2nd ed.). New York : Fairchild Books.

MARK435 – Distribution Channel Management

Course outline: This course aims to introduce current theories and practice in distribution channels management through learning of relevant frameworks. Students will attempt to understand the motivations and behaviors of channel members and effective management of distribution channels as well as how to make informed decisions. The course will combine concepts and ideas from other marketing issues and concepts to comprehensively grasp the linkage of distribution with other marketing functions.

Textbook: Bert Rosenbloom, 2011, Marketing Channels: A Management View, International Edition, Thomson South-Western.

MARK436 – Retail Marketing Management

Course outline: This course help students develop a comprehensive understanding of retail and services management as well as non-store retailing. Topics include an overview of retail marketing; retail marketing, financial and location strategy; merchandising; pricing and distribution; promotion including communications, store layout, store design, visual merchandising; and customer service.

Textbook: Levy, M and B Weitz. 2014, Retailing Management, 9th ed. New York: McGraw-Hill Irwin.

MARK437 – Marketing of Non-for Profit Organizations

Course outline: This course examines the marketing principles of mission-driven organizations, specifically nonprofits and government agencies. Public and nonprofit marketers face unique marketing challenges and this course will address these challenges of nonprofit and public sector marketers, providing students with an introduction to marketing theory. It will also equip students with practical experience in developing a strategic marketing plan, influencing the attitudes and behaviors of diverse stakeholders, leveraging social media and other emerging technologies, and other skills relevant to nonprofit and public sector marketers.

Textbook: Alan R Andreasen, Philip T. Kotler, 2007, Strategic Marketing for Non-Profit Organizations (7th Edition) Pearson.

MARK438 – Sports Marketing

Course outline: This course is designed for students who are interested in sports marketing through understanding of the marketing tools (e.g., research, segmentation) for sports marketing, the perspectives of participants and spectators as sports consumers, and the marketing mix options for sports products. This course covers three basic components of sports marketing: (1) the use of sports as a marketing tool for other products; (2) the marketing of sports products; and (3) the emerging considerations relevant for both marketing through and the marketing of sports.

Textbook: Sam Fullerton, 2010, Sports Marketing, 2nd edition, McGraw-Hill/Irwin.

MARK439 – Trends in Marketing Research

Course outline: In this course contemporary issues and trends in marketing research will be studied. Students will learn how to effectively conduct marketing research and review recent literature.

Textbook: Selected readings.

MARK440 – Special Topics in Marketing

Course outline: Selected topics on marketing will be critically analyzed and discussed.

Textbook: Selected readings.

Economics Electives:**ECON421 - 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.

ECON422 - 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.

ECON423 - 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.

ECON424 - Project Appraisal and Cost Benefit Analysis

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

ECON425 - 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 Field: McGraw-Hill/Irwin.

ECON426 - 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.

ECON427 - Empirical Economic Analysis

Course outline: The 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.

ECON428 - Agricultural Economics

Course outline: An 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

ECON429 – Econometrics

Course outline: The simple regression model. Basic assumptions, estimation and testing of hypotheses, the coefficient of functional forms. Introduction to multiple regression.

Textbook: Gujarati, D. and D. C. Porter, Basic Econometrics, McGraw-Hill.

ECON430 - 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.

ECON431 - 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.

ECON432 – Economic Development

Course outline: Strategies for development and industrialization. Role of agriculture in financing development. Foreign trade and development. Economic planning.

Textbook: ECONOMIC DEVELOPMENT, Michael P. Todaro, Addison-Wesley

Accounting Electives:

ACCT310 - 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 Douplik & Hector Perera: McGraw-Hill/Irwin.

ACCT421 - 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.

ACCT422 - Accounting Software Applications

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

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

ACCT423 - 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, Jacqueline Reck, Suzanne Lowensohn, Earl Wilson, McGraw-Hill/Irwin; 17th edition

ACCT424 – 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

Finance Electives:

FINA421 - 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, 7th Edition, F. Mishkin, S.Eakins

FINA422 – Lending and Credit Analysis

Course outline: Essentials of working with risk of credit selection and underwriting risk; commercial banks' lending strategies and procedures; pricing out loans; credit agreements; individual and real estate lending; lending to public corporations; lending to SMEs.

Textbook: Rose Peter, "Commercial Bank Management". McGraw Hill.

FINA423 – Financial Statistical Analysis

Course outline: This course aims to improve students' financial and economic modeling skills by using spreadsheet models. Statistical and financial data analysis through statistical software and database management applications through spreadsheet and statistical packages.

Textbooks: Statistical Techniques in Business and Economics (2017, 17th ed. D. Lind, W. Marchal and R. Mason. McGraw-Hill Irwin.

FINA424 – Lending and Credit Analysis

Course outline: Essentials of working with risk of credit selection and underwriting risk; commercial banks' lending strategies and procedures; pricing out loans; credit agreements; individual and real estate lending; lending to public corporations; lending to SMEs.

Textbook: Rose Peter, "Commercial Bank Management". McGraw Hill.

MIS Electives:

Course code: MISP421 – 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.

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

Course code: MISP422 – 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.

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

Course code: MISP423 – 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).

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

Course code: MISP424 – 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: Game Development Essentials: An Introduction 3rd edition, Jeannie

Course code: MISP425 – 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 3rd Edition, Stuart Russell & Peter Norvig: Pearson Prentice Hall.

Course code: MISP426 – 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.

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

Course code: MISP427 – 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.

Textbook: Digital Modeling William Vaughan: New Riders.

Course code: MISP428 – 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.

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

Course code: MISP429 – 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.

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