



FACULTY OF MARITIME MANAGEMENT AND ADMINISTRATION

Course Catalogue

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This course catalogue is developed to give information about the Maritime Management and Administration programme in Faculty of Maritime Management and Administration, University of Kyrenia.

The catalogue includes key information about the duration of the programme, mode of study, course description, credit and grading system etc. of the programme.

We hope you can find the necessary information to your questions about the Department of Maritime Management and Administration and the course programme.

Sincerely

Dr. Pinar Sharghi

Faculty Coordinator

1. MARITIME MANAGEMENT AND ADMINISTRATION (MMA) Programme

2. General Information about the Department of Maritime Management and Administration

Department of Maritime Management and Administration in University of Kyrenia was established in 1996. The Faculty of Maritime Management offers educational opportunities to enhance their knowledge in maritime management and acquire a degree of Bachelor's of Science at University of Kyrenia and take part of shaping the future shipping industry as leaders and researchers. The programme has a special focus on building an overall understanding of the maritime field. The studies include management in general, maritime management and for the maritime industry distinctive financial and logistical features.

Vision of the programme

Our vision is to provide both theoretical and practical studies in a modern environment. The faculty aims to bring up staff of management, able to compete in the field and follow the changes in the marine sector. Applicants have to fulfill all the requirements of the four year teaching program. After graduation they will have the opportunity to be recruited in agencies of the marine sector as ship brokers, or within the marine, harbor and customs units. Registration requirements vary with respect to education standards of different countries. First of all students are required to get satisfactory grades from the general university examination and/or fulfill the requirements depending on their national secondary school status.

Mission of the Programme

Maritime transportation is still very important in the international economic and business activities. The major aim of our faculty is to form students with the basic maritime management and administration skills needed for harbor and ship management. Businesses, dealing with container transportation at both national and international marine sectors are also considered as a sector.

Official Length of Programme:

4 years (excluding one year of English preparatory class), 2 semesters per year, 16 weeks per semester.

3. Mode of study: full time

Profile of the Programme and Method of Education

Maritime Management and Administration Department offers a 4-year Bachelor program. Students are awarded with the degree of Bachelor of Science in Maritime Management and Administration upon the successfully completion of 48 courses (yielding a total of 140 local

credits equivalent to 240 ECTS) and 2 mandatory summer practices. Detailed information on the curriculum and the study plan is given extensively in Appendix A.

The objectives of the Maritime Management and Administration Program (MMAP) are to give knowledge, skills necessary for all areas of the MMAP profession. They learn about ethical values, new global visions and lifelong learning. The program also aims to carry out effective scientific researches and develop projects in the maritime management discipline and related fields. We offer an education policy of both theoretical and practical-intended courses where students are given Economic Administration, Law, Basic and Professional Maritime Studies, Maritime Business, Logistics and Transportation courses. The assignment, project and laboratory studies in these courses help the transfer of theory into practice. The MMAP provides training and consulting services, for developing projects useful to the maritime industries.

The department where the Maritime Business Administration Undergraduate Program is conducted has two main fields named Maritime Transportation Business Administration and Maritime Economics and Policy.

There is an education policy of both theoretical and practical-intensive courses where students are given Business Administration, Law, Basic and Professional Maritime Studies, Maritime Business, Logistics and Transportation courses. The assignment, project and laboratory studies in these courses help the transfer of theory into practical implementations.

4. Qualification Awarded

Bachelors of Science (B.Sc) (Bachelor's Degree/ first cycle in Bologna System)

5. Level of Qualification

Qualifications Framework- European Higher Education Area (QF-EHEA): 1

6. Access Requirement(s)

High School Diploma. Admission of Turkish nationals is by Placement through a nation-wide Student Selection Examination (ÖSS) administered by Assessment, Selection and Placement

Centre (ÖSYM). Admissions of Turkish Cypriots is based on the University of Kyrenia Entrance and Placement exam. Admission of international students is based on their high school credentials. Proof of English Language proficiency is also required.

7. Qualification Requirements

140 University of Kyrenia Credits (University of Kyrenia Credit is contact hour based) which is total 240 ECTS credits must be completed after being successful in the courses to become a graduate of the Maritime Management and Administration department.

In order to graduate, students must successfully complete all of the courses in the four-year program. This degree is given to students who have passed all the courses in the curriculum 140 University of Kyrenia Credits (University of Kyrenia Credit is contact hour based) with a minimum of 240 ECTS credits and an overall grade point average of at least 2.00/4.00, successfully completed the two compulsory internships on Port Business and Maritime Business Management each of which last 30 working days and the graduation project.

ECTS is a credit system designed to make it easier for students to move between different countries. Since they are based on the learning achievements and workload of a course, a student can transfer their ECTS credits from one university to another so they are added up to contribute to an individual's degree programme or training. ECTS helps to make learning more student-centred. It is a central tool in the Bologna Process, which aims to make national systems more compatible.

ECTS also helps with the planning, delivery and evaluation of study programmes, and makes them more transparent

8. Intended Learning Outcomes of B.Sc. Program

1. Application of knowledge on business, economics, law, logistics, transportation and shipping to maritime management administration problems in order to develop skills to:
 - Define research and solve maritime business administration problems.
 - Plan and control in maritime businesses, management functions and objectives.
 - Realize solutions to productivity, efficiency, quality, safety and environmental problems, within the maritime businesses, customers, users and shareholders context.
 - Gather data related with maritime transportation, develop strategy, plans for performance.
 - Realize interdisciplinary team works related to creativity, critical thinking, self-

confidence, entrepreneurship and leadership

2. Self-development skills to follow science-technology and lifelong learning principles.
3. Independent decision-making, self-discipline, oral and written communication skills equipped with:
 - Professional values and ethics.
 - Universal, social, international, national and personal vision.
 - Total quality values.

9. Arrangements for Transfer from another Maritime Management and Administration Department

A student wishing a transfer from another university: the student must prove her/his English Proficiency if he/she wishes to attend the English Section. At the time of OSS examination the candidate's entrance score must not be less than the lowest score for admission to the Maritime Management and Administration Department. The transcript and course content of the applicant is examined by the department and the student is then accepted into the appropriate year of the programme.

10. Examination Regulations, Assessment and Grading

The evaluation of the students' performance varies according to the methods of delivery followed in each course offered in different departments of the Faculty of Maritime Management and Administration in University of Kyrenia. In addition to a final exam, which is requisite according to the regulations of university of Kyrenia, the results of minimum one mid-term exam along with other evaluation criteria are usually taken into consideration in order to determine the final grade of the student. These supplementary performance evaluation criteria might be quiz grades, laboratory works, homeworks, term projects and presentations depending on each individual course. Weights of all above mentioned partial grades within the overall grade gained by the student at the end of the semester are defined by the lecturer delivering the course.

The content of the exams as well as the method of assessing students' knowledge are determined by the course lecturer. The exams are normally designed according to the intended learning objectives. The results of the mid terms are announced both on the student information system as well on the bulletin board so that the objections can be considered if any corrections are needed for re-evaluation. The exams are graded over 100 points. The

means and variances are also computed for the exams in order to see the distribution of percentages of the students which are under in classes. The exams may be completely closed (for the texts part) or/and may be open book depending on the course subject and the teachers consensus.

Exams can be “written”; either in “multiple choice” or in “essay writing” style for assessing conceptual knowledge. Some “computer-aided” courses may have applied examinations that are organized in PC Labs while each student carries out the tasks given in the content of the exam, using an individual computer. Some other courses may have “oral” examinations; either in “interview” or in a “presentation” style. The lecturer of the course is in charge of setting the criteria for grading the written or oral examinations given for that course.

Students failing to attend to any mid-term or final exam with a valid excuse are allowed to take a “Make-up Exam”. If the student fails the course at the end of the semester, he/she is given the chance to take an additional “Re-sit” exam; the grade of the re-sit exam replaces the grade of the final exam gained by the student while his/her average grade is re-calculated. No make-up exam is given in case of missing the re-sit exam.

The timetables of mid-term, final and re-sit examinations are announced by the Maritime Management and Administration Faculty, following the dates defined in academic calendar that is set by the Rectorate of University of Kyrenia. Other critical dates for possible additional midterm examinations, quizzes as well as any term project submission deadline are defined by the lecturer of each course.

Lecturers submit the student grades to the Chairperson until “The last day for the submission of letter grades” that is specified in the academic calendar. All grades become official when reported to the Registrar’s Office by each Department.

Grades are entered into the information system belong to each student. The students are ranked according to their success and the scores. The high honor and the honor students are publicly announced and during the graduation ceremony, they are complemented and documented by the certificates.

11. Grading Scheme and Grades

PERCENTAGE	COURSE GRADE	GRADE POINTS
90-100	AA	4.00 (Excellent)
85-89	BA	3,30-3,95 (Excellent)
80-84	BB	3,00-3,45 (Very Good)
75-79	CB	2,50-2,95 (Very Good)
70-74	CC	2,00-2,45 (Good)
65-69	DC	1,50-1,90 (Good)
60-64	DD	1,00-1,40 (Good)
50-59	FD	0,50-0,90 (Failed)
0-49	FF	0,00 (Failed)

12. Occupational Profiles of Graduates

Graduates of Maritime Management and Administration are employed in a wide range of positions in both private and public sectors. They can obtain mid and top level positions in the ship-owner/operators, ship management companies, transportation intermediaries (ship agents, ship brokers, freight forwarders), ship Chandler and suppliers, marine insurance companies, ports and terminals, yachts and marina companies, shipyards, banks, foreign trade companies, logistics companies etc. In the public sector, our graduates can be employed at administrative positions at the Ministry of Transport, Maritime Affairs and Communications, and other related ministry offices or public institutions.

13. Programme Director

Dr. Pinar Sharghi (Faculty Coordinator)

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14. Key Learning Outcomes

The students who successfully complete the program should have;

1. Application of knowledge on business, economics, law, logistics, transportation and shipping to maritime business administration problems.
2. Skills to define, research and solve maritime business administration problems.
3. Skills to plan, implement and control in maritime businesses in the scope of business functions and objectives.
4. Skills to realize maritime business solutions considering to priorities related with productivity, efficiency, quality, safety and environment within the context of maritime businesses, customers, users and shareholders in the scope of international, national and social aspects.
5. Skills to gather data related with maritime transportation, to develop strategy and plans, to implement and assess performance results.
6. Skills to use and develop contemporary business administration techniques.
7. Skills to realize intradisciplinary and interdisciplinary team works.
8. Creativity, critical thinking, self-confidence, entrepreneurship and leadership.
9. Self-development skills to follow science-technology and contemporary issues through lifelong learning principles.
10. Independent decision-making, self-discipline, oral and written communication skills.
11. Equipped with professional values and ethics.
12. Equipped with universal, social, international, national and personal vision.
13. Equipped with total quality values.

15. Objectives and Contents of the Course:

NAV 101 - Navigation I

Objectives of the Course:

The aim is to teach new learners according to STCW and IMO rules the history of maritime navigation and the structure of the earth as well as introducing the characteristics of the sea map.

Content of the Course:

- Introduction, definition and history of navigation.
- Explanation of the development of nautical instruments.
- Explanation of the difference between latitudes and longitudes.
- Chart projections.
- Specifications of the marine navigation charts.
- Drawing a small area Mercator chart.
- Comparing the Mercator projection with other kind of projections.
- Chart catalogues.
- Usage of symbols and abbreviations.
- Notice to mariners.
- Chart corrections, definition of distance and direction.
- Nautical publications and specifications.
- Further explanation.
- Revision

SEA 101 - Seamanship I Maritime

Objectives of the Course:

Duty and task of crew, Seamanship units and measurement , Definition and history of seamanship , Development of the modern seamanship , General Terms of seamanship , Term of the parts of the ship , Terms relevant to maneuvering of the ship, terms relevant to position or direction , structures used as aid to seamanship , Dimension of ship tonnage, and draft marks, speed ,Loadline rules, distance measurements in seamanship , ship types and general classification boat, Types of the boats , construction of the boat , parts of the boat , boats which made from wooden or synthetic materials , technics of the rowing ,usage of the boats with engine , sailing by boats on heavy seas , sailing boats and riggings , sailing , berthing and unberthing , sailing by boat , steering gears , propeller and various propeller types , emergency steering gears , watertight doors , engine room section , Part of block and tackle, Types of the block , kind of the pulley and deck riggings , parts and riggings of a mast , booms , derricks , swinging booms , heavy derricks , crane muckloaders , winches , davits , ventilations , deck structures , bitts , fairleads , eyes , gangways , ladders , hooks , tackles and riggings , lashing technics , lifting screw , glossary of shipping terms

Content of the Course:

- Ship Organization(Duty and task of crew), Seamanship units and measurement , Definition and history of seamanship , Development of the modern seamanship , General Terms of seamanship

- Term of the parts of the ship , Terms relevant to maneuvering of the ship, terms relevant to position or direction , (engine commands , Anchor , chain and rope commands and A glossary of shipping terms)
- Ship structures used as aid to seamanship , Dimension of ship tonnage, load line rules and draft marks , speed , distance measurements in seamanship , ship types and general classifications of the boats and glossary of shipping terms
- Types of the boats , construction of the boat , parts of the boat , boats which made from wooden or synthetic materials , technics of the rowing, usage of the boats with engine ,
- sailing by boats on heavy seas , sailing boats and riggings , sailing , berthing and unberthing sailing by boat , steering gears , propeller and various propeller types , emergency steering gears , glossary of shipping terms
- watertight doors , engine room section and glossary of shipping terms
- glossary of shipping terms
- Part of block and tackle , glossary of shipping terms ,
- Types of the block , kind of the pulley and glossary of shipping terms ,
- deck riggings , parts and riggings of a mast , booms , derricks , swinging booms , heavy derricks , crane muckloaders , winches , davits , ventilators
- glossary of shipping terms ,
- deck structures , bitts , fairleads , eyes , gangways , and riggings , lashing technics , lifting screw , glossary of shipping terms
- ladders , hooks , tackles , lashing technics , lifting screw , glossary of shipping terms
- Glossary of shipping terms

MMD 101 - Introduction to Shipping

Objectives of the Course:

The objectives of this course are: 1) to introduce some of the major issues within the Personnel management; 2) to gain an understanding of the Principles of controlling subordinates and maintaining good relationships; 3) to gain an understanding of the Training in maintenance, health training and hygiene the authority of the master. 4) to gain an understanding of the Punishment and reward.

Content of the Course:

- Personnel management
- Principles of controlling subordinates and maintaining good relationships
- Staff attitudes, exercise of authority.
- Group behaviour, conditions of employment
- Organization of staff, manning arrangements.
- Work analysis, allocation of staff.
- Mid-term
- Organizing for ship maintenance.
- Organizing communications on board, techniques of meeting.
- On board training, training methods, safety training, emergency drills.

- Training in ship operations.
- Training in maintenance, health training and hygiene the authority of the master.
- Punishment and reward.

MTH 171 - Mathematics for Business & Economics I

Objectives of the Course:

The objective of the course is to enlighten and teach the students some Mathematical tools that are used in some basic calculations concerning Business and Economics, which includes Simple Interest, Compound interest, annuities e.t.c. Some tools such as linear equations shows how to calculate some aspects of demand and supply, linear inequalities which assists in maximizing profits, minimizing costs and what have you. So many mathematical tools that assist in such calculations will be explored in the course.

Content of the Course:

- Expansions, equations and definition of Basic terms
- Linear equations with applications
- Fractional equations with applications
- Linear Inequalities with applications
- Quadratic equations and method of solutions
- Applications of quadratic Equations
- Absolute Value function
- Coordinate system, midpoint formula, and distance formula
- Lines, parallel and perpendicular lines
- System of linear equations
- Parabola
- Functions
- Compound interest, annual interest, annuities, revenue, cost and profit
- Final exam

EAS 101 - Principles of Economics I

Objectives of the Course:

The objective of this course is to give the student the basic concepts and tools of the economic analysis. In general, the aim is to cultivate a disciplined way of thinking 'economically' on real world economic problems. The focus of the course will be on the conceptual foundations of the economics discipline, without omitting the concrete cases that could be relevant for economic analysis. At the end of this course, students are expected to acquire some notion as to what economics is about. After examining the basic framework of economics in general and its concepts, the main focus will be microeconomics, which deals with the individual decision problems.

Content of the Course:

- Introduction
- The Scope and Method of Economics

- The Economic Problem: Scarcity and Choice
- Demand, Supply, and Market Equilibrium
- Demand and Supply Applications, Elasticity
- Midterm
- Household Behavior and Consumer Choice
- The Production Process
- Costs Functions and Output Decisions
- General Equilibrium
- Midterm
- Monopoly
- Oligopoly
- Monopolistic Competition
- Externalities, Public Goods, and Social Choice
- Uncertainty and Asymmetric Information

MRE 101 - Marine Engineering I

Objectives of the Course:

The objectives of this course are: 1) to introduce some of the major issues within the description and importance of Introduction to marine engineering 2) to gain and understanding Main and auxiliary engines.

Content of the Course:

- Introduction to marine engineering.
- Main and auxiliary engines
- Steam boilers: type of boilers, drum type boilers, D type boilers.
- Reciprocating steam engines
- Steam motors
- Steam motors: their types, stationary and moving parts and systems.
- Mid-term
- Steam turbines: their types stationary and moving parts and systems.
- Steam and feed water systems
- Steam and feed water systems: their types and components.
- Condenser
- Air pumps, feed pumps
- Hotwell's and feed heaters.
- Diesel engines types

MET 101 - Maritime Meteorology I

Objectives of the Course:

The objectives of this course are: 1) to introduce some of the major issues within the description and importance of meteorology in maritime.; 2) to gain an understanding of the the atmosphere, its composition and physical properties, solar radiation., and to be able to apply that understanding to meteorological elements (e.g., Wind, True wind speed and direction.).

Content of the Course:

- Description and importance of meteorology in maritime.
- General circulation of the Atmosphere
- The atmosphere, its composition and physical properties, solar radiation.
- Meteorological elements
- Meteorology E. instruments
- Wind, True wind speed and direction.
- Air temperature. Atmospheric pressure.
- Humidity cloud and precipitation. General atmospheric circulation.
- Mid-term
- Synoptic Meteorology, World pressure and wind systems.
- Synoptic Meteorology, Moonsons, local winds
- Synoptic Meteorology, Weather observations and codes.
- Mid-term 2
- Basic weather forecasting at sea.

NAV 102 - Navigation II**Objectives of the Course:**

The objectives of this course are:

- 1) To teach necessary basic knowledge of terrestrial navigation,
- 2) To give basic knowledge of navigational instruments and terms
- 3) To give capability of understanding nautical publications
- 4) To determine calculations in terrestrial navigation.

Content of the Course:

- Introduction to navigation; terrestrial and traverse
- Introduction to navigation; latitude
- Examples of terrestrial navigation and usage of Mercator charts and Norie's Table in navigation
- Definition of course and bearing (true-relative)
- Magnetic compass, parts of magnetic compass
- Definition of variation and deviation, finding the true/compass/magnetic courses
- Preparing the deviation table and magnetic compass corrections.
- Introduction to gyro compass and exercises of finding of compasses.
- Nautical instruments and navigation aids.
- Line of position, types of ship's position (DR, EP, AP, FIX, etc.).
- Coastal navigation
- Using the nautical publications and charts in coastal navigation
- Lights and fog signals
- Buoyancy system

EAS 102 - Principles of Economics II

Objectives of the Course:

The main purpose of the course is to introduce main concepts and analysis tools to students. National income accounting, economic growth, aggregate demand and its components, macroeconomic problems such as unemployment and inflation as well as economic policies for these problems will be studied.

Content of the Course:

- Introduction to Macroeconomics
- Measuring National Output and National Income
- Growth, Productivity, Unemployment and Inflation
- Aggregate Expenditure and Output Determination
- Government and Fiscal Policy
- Midterm
- The Money Supply
- Money Market, and Monetary Policy
- Money, the Interest Rate, and Output
- Aggregate Demand, Aggregate Supply, and Inflation
- Midterm
- The Labor Market, Unemployment, and Inflation
- Supply Side Economics
- Balance of Payments
- Macroeconomic Issues and Policy
- General Review

MTH 172 - Mathematics for Business & Economics II

Objectives of the Course:

The objective of the course is to enlighten and teach the students some Mathematical tools that are used in some basic calculations concerning Business and Economics, which includes Simple Interest, Compound interest, annuities, marginal cost, marginal revenue, marginal profit, elasticity of demand e.t.c. Some tools such as differentiation and integration shows how to calculate some changes in demand and supply e.t.c So many mathematical tools that assist in such calculations will be explored in the course.

Content of the Course:

- Limits and continuity
- Average rate of change and slope
- Derivatives and Higher Order Derivatives
- Instantaneous rate of change
- Optimization and Concavity of Inflection points
- Maxima and Minima
- Revenue, cost and profit applications
- Antiderivatives and rules of integration
- Differential equations

- Mathematics of Finance
- Simple and compound interest
- Present value and Effective interest
- Future Value and Annuities
- Final exam

PED 102 - Physical Education

Objectives of the Course:

Physical education needed on board of a ship and emergency cases is developed. These programmes are adopted to activities in a sea environment as a self-defence.

EAS 103 - Introduction to Business

Objectives of the Course:

The aim of this course is to 1. Provide students knowledge about the basic concepts and techniques about business administration and business life. 2. Provide students knowledge about how concepts are applied to work life 3. Make students equipped for other courses about business administration.

Content of the Course:

- Course introduction & statement of objectives
- The fundamentals of business and economics
- Ethics and social responsibility
- Competing in global economy
- Information technology & E-Commerce
- Midterm exam
- Forms of Business Ownership
- Entrepreneurs & Small Business Owners
- Functions of management
- Organization and team work
- Midterm exam (evaluation and discussion of homeworks)
- Producing quality goods & services
- Employee motivation, workforce trends and labor relations
- Managing human resources
- The art and science of marketing
- Final exam

CMP 151 - Introduction to Computers

Objectives of the Course:

It includes system components, social impact, applications, programming concepts, and the use of software packages. Students will learn the basics through intermediate computer concepts with an emphasis on the personal computer and its practical use, including hardware, application and system software, the Internet and World Wide Web, communications, database management, and computers in society. This course will also provide full menu of application modules with core requirements for word processing.

Content of the Course:

- Introduction to the course and syllabus overview
- Inside the System Unit
- Input/output and Storage
- System Software
- Application Software
- The Internet and the World Wide Web
- Midterm
- Starting Word 2010
- Editing Documents
- Formatting Text
- Managing Documents & Working with Tables
- Working with Graphical Objects
- Printing Documents & Revision
- Introduction to Excel
- Final Exam

CMP 152 - Computing Application**Objectives of the Course:**

Introduction to Windows, Windows Commands, How the windows commands work, Introduction to Microsoft Office, Microsoft Word, Microsoft Power Point, Microsoft Excel and Project of Microsoft Power point. At the end of this course, student will be fully able to use Microsoft Word, Excel and PowerPoint. Also, student has to present a term project.

- Use and learn windows commands
- Create, edit, and format a document using Microsoft Word
- Create, edit, and format and using Microsoft Excel
- Create, edit, and format and using Microsoft Access
- Create, edit, and format and using Microsoft Powerpoint
- Create, edit, utilize functions, create conditions and format spreadsheets using Microsoft Excel
- Create presentations using Microsoft PowerPoint

Content of the Course:

- Introduction to Windows
- Windows Operating Systems
- Microsoft Office Programs
- Microsoft Word
- Microsoft Excel
- Microsoft Access
- Microsoft Power Point
- Project of Microsoft Power point

EAS 203 - Financial Accounting I

Objectives of the Course:

This course is an introduction to the basic concepts and standards underlying financial accounting systems

Content of the Course:

- Definition of accounting and accounting users
- Principles and concepts of accounting
- Financial statement
- Accounting equation
- Journal and ledger entry
- Accounting equation, earnings and costs
- Midterm exam
- General ledger trial balance
- Period-end closing procedures
- Period-end closing procedures of cash account and cash account control
- Bank reconciliation and control
- Marketable securities and period-end closing procedures
- Assets and discounting of assets
- Uncollectible receivables, write back methods, charging of the discounting assets, liability accounts
- General evaluation
- Final exam

MTH 281 - Statistics I**Objectives of the Course:**

The objective of the course is to teach the students statistical analysis. This deals with the representation of data obtained from an experiment and find using some statistical tools some properties of such data like the mean, variance standard deviation e.t.c. Histograms, bar chart, frequency are all pictorial representation of a data which will be effectively digested and shown to the students.

Content of the Course:

- Data and types of data
- Frequency distribution tables
- Relative and Cumulative Distribution tables
- Histograms, bar chart and pie chart
- Frequency Polygon
- Mean, median and mode
- Variance and Standard deviation
- Degrees of freedom, coefficient of variation and skewness
- Probability
- Probability distributions
- Discrete and continuous random variables
- Binomial distribution and Poisson distribution
- Normal Distribution

- Final exam

NRC 201 - Ship Construction

Objectives of the Course:

To help sailors improve their knowledge on ship construction principles and ship structure elements who will be the second captain or a captain on merchant ships in accordance with STCW-78 convention 1995 revision.

Content of the Course:

- Description of the general course.
- Ship dimension and constructional arrangements.
- Giving information on general cargo, tankers, bulk carriers, combination carriers.
- Container, ro/ro and passenger ships
- General arrangement plan, holds and engine-room.
- Introducing peak tanks, double-bottom tanks, hatchways, bulk heads and cargo tanks.
- Describing deck plating, frames, brackets and transverse frames.
- Deck beams, shell plating, tank tops, stringers, stiffeners bow and stern.
- Fore castle, deck houses, bilges and top-side tanks.
- Hatch covers, fairleads, mooring bitts and pipes arrangement.
- For and aft perpendicular, propeller and shaft.
- What are freeboard, draught marks and safety construction?
- Teaching certificate controls.
- Revision.

AIT 101 - Atatürk's Principles and History of Turkish Rev. I

A Definition of the Revolution is given; The aim and the importance of the Turkish history of the revolution. General state of the Ottoman Empire, the reason for the decline. Efforts to save the Ottoman Empire. The current ideas. The First world War. Societies. Mustafa Kemal in Anatolia and the Congresses. The opening of the Great Turkish National Government. National and International policy. The Mudanya treaty. Lousanne conference.

EAS 104 - Principles of Management

Objectives of the Course:

To provide students with basic knowledge about Basic Management, Principles of Management, Management Functions

Content of the Course:

- Introduction to management, managers and organization
- Historical roots of management practices ? Scientific management and its effects on management
- Hawthorne studies ,Human resources approach and its effects on management
- Quantitative, Systems approach and their effects on management
- Contingency approach and its effects on management
- Applications of managerial approaches
- Mid-term exam
- Management Environment

- Globalization and its effects
- Decision making
- Planning
- Strategic management
- Organization design
- Leading
- Recitation
- Final Exam

MMD 202 - Shiphandling

Objectives of the Course:

The safe handling of ships depending on ship's manoeuvring properties, human factor such as operator skill, experience and stress control in various environmental conditions is presented. From the results of CRG (collisions, rammings and groundings) analysis we know that one third of casualties are due to human error, where the same amount of CRG casualties is attributed to the poor controllability of ships. Training on ship handling is largely recommended by IMO as one of the most effective method for improving the safety at sea.

MMC 204 - Ports and Terminals

Objectives of the Course:

The objectives of this course are: 1) to define the seaports of, types of seaports etc. ; 2) to understand the key functions and role of ports 3) to ensure a thorough knowledge and understanding of Port and Terminal Management.

Content of the Course:

- Introduction to Ports and Terminals: What is a port, the port system,
- Definition of seaports and types of seaports
- Port roles and functions
- Infrastructure and superstructure of seaports
- Definition and Classification of Services and Port operations rendered by Ports and performance indicators
- Port users and Key stakeholders
- Midterm exam
- Port management / History of port development and Port Generations
- Port ownership and administration
- Ports vs. terminals, Definition of Terminal, Types of terminals
- Port and terminal operations
- Role of ports and terminals in global logistics chains: Hub/spoke system
- Economic impact of ports on the regional economy
- Terminal operations and Cargo handling equipment

MTH 282 - Statistics II

Objectives of the Course:

The objective of the course is to teach the students statistical analysis. This deals with the representation of data obtained from an experiment and find using some statistical tools some properties of such data like the mean, variance standard deviation e.t.c. Histograms, bar chart, frequency are all pictorial representation of a data which will be effectively digested and shown to the students. We will also treat Hypothesis testing and finding the confidence interval of mean or proportions which are one of the fundamentals aspect of Statistics.

Content of the Course:

- Summary of discrete distributions
- Summary of continuous distributions
- Mean, Median and Mode
- Variance and standard deviation
- Skewness and Coefficient of variation
- Point estimation
- Interval estimation
- Central limit theorem
- Confidence interval and t-distribution
- Hypothesis testing
- Statistical Inference and the analysis of data variability
- Linear regression Model
- Correlation Model
- Final exam

EAS 204 - Financial Accounting II

Objectives of the Course:

The course aims at explaining how financial transaction reflects accounting record and accounting practices and also improving students' ability to prepare and interpret a financial statement.

Content of the Course:

- Review of Turkish uniform accounting system and review of receivables
- Receivables
- Inventories and valuation methods
- Fixed assets and intangibles
- Fixed assets and intangibles
- Advance given for orders account and prepaid expenses
- Midterm exam
- Accrued revenue, income accruals and other current assets Value added tax
- Current liabilities
- Current liabilities
- Long-term liabilities
- Shareholders' Equity
- Financial Statements Analysis
- Financial Statements Analysis

- Review
- Final exam

MMD 211 - Microeconomics

Objectives of the Course:

The objectives of this course are: 1) to define the seaports of, types of seaports etc. ; 2) to understand the key functions and role of ports 3) to ensure a thorough knowledge and understanding of Port and Terminal Management.

Content of the Course:

- Chapter 2: The Basics of Supply and Demand
- Chapter 3: Consumer Behavior
- Chapter 4: Individual Market and Demand
- Chapter 4: Elasticity
- Chapter 4: Consumer Surplus
- Chapter 6: Production
- Chapter 7: Cost
- Chapter 8: Profit Maximization and Competitive Supply
- Chapter 10: Oligopoly
- Chapter 10: Monopoly

LAW 251 - Introduction to Law and Maritime Law

Objectives of the Course:

To gain knowledge about law terms of Shipping

To be able to foresee any legal problems and gain knowledge how to avoid or minimize it.

Content of the Course:

- What is Law, Types of Law, Sources of Maritime Law, English Law and main Principles
- Main Principles of Contract Law
- Main Principles of Tort
- Sales of Goods Act, INCOTERMS
- Main Principles of The Agency's Law, Ostensible Authority of the agent, Duties of of the agent
- The Law of the carriage of goods by sea, Haque Visby Rules, Hamburg Rules and other International Conventions Related to carriage of goods by sea
- Mid-Term Exam
- The B/L and its functions, types
- Charter parties, Dry Cargo Chartering, Tanker Chartering and Legal Highlights
- General Average, Salvage and Towage
- International Conventions UNCLOS, 1982 and IMO Conventions
- International Conventions of the carriage of Passengers by Sea
- Registration and Ownership of Ships and Ship's Certificates

CRG 301 - Cargo Handling and Operations I

Objectives of the Course:

- 1) To teach necessary basic type of cargos , when become officer onboard
- 2) To give basic knowledge of the loading un loading operations , how to be prepare cargo holds conditions, befor and after loading operation
- 3) To teach necessary basic knowledge of the carculation of the vessel stability
- 4) To teach necessary basic knowledge of the cargo stowing, securing, separation and cleaning

Content of the Course:

- Dry cargoes
- Inspections and preparing of holds
- Separation,securing,ventilations and control of the holds and cargoes
- Deck cargoes
- Refrigerated cargo and container
- Cargo handling, equipments, safety
- Deep tanks cargoes, dangerous cargo, hazardous and harmful cargoes
- Bulk and grain cargo
- Tanker piping and pumping aragements, tanker arragements
- Tanks cleaning and dirty ballast
- Tanker safety , stowage and safety stability
- Stability calculations
- Cargo plan
- Trim and stability calculations

LAW 351 - Maritime Law I

Objectives of the Course:

To gain knowledge about law terms of Shipping

To be able to forsee any legal problems and gain knowledge how to avoid or minimize it.

Content of the Course:

- What is Law, Types of Law, Sources of Maritime Law, English Law and main Principles
- Main Principles of Contract Law
- Main Principles of Tort
- Sales of Goods Act, INCOTERMS
- Main Principles of The Agency's Law, Ostensible Authority of the agent, Duties of of the agent
- The Law of the carriage of goods by sea, Haque Visby Rules, Hamburg Rules and other International Conventions Related to carriage of goods by sea
- Mid-Term Exam
- The B/L and its functions, types
- Charter parties, Dry Cargo Chartering, Tanker Chartering and Legal Highlights
- General Average, Salvage and Towage
- International Conventions UNCLOS, 1982 and IMO Conventions
- International Conventions of the carriage of Passengers by Sea
- Registration and Ownership of Ships and Ship's Certificates

COM 301 - Marine Communications

Objectives of the Course:

1. To introduce students to classification of Maritime Communications.
2. To introduce students to Morse, Code Flags and semaphore signaling procedures.
3. To introduce students to the phonetic alphabet; encoding and decoding messages; procedures as defined in the international code of signals.
4. To introduce students to International Maritime Organization (IMO) standard marine communication phrases (SMCP)
5. To introduce students to basic signaling methods to transmit and receive information.
6. To provide students familiarization with; how to follow contingency plans in the event of emergencies and how to respond to distress signals.
7. To provide students exercise opportunity concerning use of basic signaling methods to transmit and receive information.

Content of the Course:

- Introduction to Maritime Communications and classification of Maritime Comms.
- Morse Alphabet and signaling procedures
- Flags and Code Flags signaling procedures
- Semaphore signaling procedures
- Radio Telephone phonetic alphabet; encoding and decoding messages
- Radio Telephone signaling procedures
- IMO standard marine communication phrases (SMCP)
- IMO standard marine communication phrases (SMCP)
- Basic signaling methods to transmit and receive information.
- Ship contingency plans in the event of emergencies and respond to distress signals
- Effective Ship- shore communication contingency plans in the event of emergencies and respond to distress signals
- Signaling exercise
- Signaling exercise
- Emergency respond comms exercise

EAS 303 - Managerial Accounting I

Objectives of the Course:

The course is designed for non-accounting majors. It stresses the need for and the uses of relevant accounting information by management for the purposes of controlling the costs of operation, measuring performance, planning the basic direction of the enterprise, and deciding among various alternative courses of action

1. Gain knowledge about how people as individuals and as groups act within organizations.
2. Identify, explain and understand various organizational behavior issues.
3. Being able to apply organizational theories into practice.
4. Organize and facilitate group exercises to develop and improve interpersonal skills related to OB in practice.

Content of the Course:

- Management Accounting, Management Accounting's Role in Assigning Decision Making Authority, Management Accounting's Role in Decision Making, Performance Evaluation

and Rewards, Accounting for Manufacturing Operations, Classifications of Manufacturing Costs

- Product Cost, Period Cost, Product Cost and Matching Principle, Inventories of Manufacturing Businesses
- The flow of Costs Parallel to the Physical Goods, Accounting for Manufacturing Costs, Direct Material, Direct labor
- Manufacturing Overheads, Direct and Indirect Manufacturing Costs, Overhead Application Rates, Work in Process, Finished Goods & Cost of Goods Sold, Need for Unit Cost Data, Financial Statement of a Manufacturing Concern
- Global Business & Accounting, Globalization, Environmental Forces Shaping Globalization, Foreign Currencies & Exchange Rates
- Accounting for Transactions with Foreign Companies, Currency Fluctuations, Global Sourcing, Case Study (A Practical Project)
- Costing & Value Chain, The Value Chain, Activity Based Management, The Target Costing Process, Components of Target Costing
- Characteristics of Target Costing, Just in Time Inventory System, TQM and the Value Chain, Components of Cost of Quality
- Measuring the Cost of Quality, Productivity and Quality, Incremental Analysis, The Challenge of Changing Markets, The Concept of Relevant Cost Information
- Relevant Information in Business Markets, Special Order Decisions, Production Constraints Decisions, Make or Buy Decisions, Joint Product Decisions
- Responsibility Accounting & Performance Evaluation, Responsibility Centers, Responsibility Accounting Systems, Assigning Revenue and Costs to Business Centers, Contribution Margin
- Fixed & Variable Costs, Traceable & Common Fixed Cost, Responsibility margin, Responsibility Center's Reporting in Financial Stmt.
- Operational Budgeting, The Basis for Planning and Control, Benefits of Budgeting, Establishing Budgeting Amounts
- The Budget Period, The Master Budget, Preparing Master Budgets, Operational Budgets Estimates, Financial Budgets Estimates

MMD 304 - Marine Insurance

Objectives of the Course:

Covers key aspects of hull and machinery, protection and indemnity, and charterer's liability insurance. Students will review standard forms of marine insurance policies and related insurance documents. Seminar includes references to case studies that affected policy interpretation and marine insurance practice.

EAS 310 - Organisational Behaviour

Objectives of the Course:

The purpose of this course is to help students understand organizations and take effective action in them by understanding the social dynamics and context shaping organizational life.

Content of the Course:

- INTRODUCTION
- Syllabus overview
- Introduction to Organisational Behaviour
- Individual Differences: Personality and Ability
- Values, Attitudes, and Moods and Emotions
- Quiz 1
- MID-TERM 1
- Submission of the mid-term exam papers and review of exam questions
- Assignment of the projects to the groups
- Rubric of the project will be provided to the students
- Perception, Attribution, and the Management of Diversity
- Learning and Creativity
- The Nature of Work Motivation
- Quiz 2
- MID-TERM 2
- Creating a Motivating Work Setting
- Leaders and Leadership
- Group Presentations of the Term Paper Cases
- FINAL EXAM
- INTRODUCTION
- Syllabus overview

SWM 201 - Swimming

Objectives of the Course:

In case of danger such as fire or other disasters one must know how to leave the ship safely, and one also needs to know swimming. Therefore, in this course the principles of swimming is learnt in a pool as application.

MMD302 - Port Agency

Objectives of the Course:

To be able to foresee any legal problems and gain knowledge how to avoid or minimize it.
Protect the interest of shipowner at highest level.

Course content:

Ship Types, Ship certificates, Definition of Port Agent, how to appoint an agent, types of agents, The Agent and port authorities, The duties of the agent before arrival upon arrived and during in port of the vessel, SOF and LT calculation, Charter parties, The duty of the agent about voyage and time charter, The agent and shipping documents Incoterms, cargo handling

terms, Liner agent, the duties and employment contract, International Conventions UNCLOS, 1982 and IMO Conventions, International Conventions of the carriage of Passengers by Sea, Registration and Ownership of Ships and Ship's Certificates

EAS 304 - Marketing

Objectives of the Course:

This course aims to illustrate the role of marketing management within the framework of other internal functional areas and the relationship between marketing strategy and the strategic environment.

Content of the Course:

- INTRODUCTION
- Syllabus overview
- Marketing Creating Customer Value and Engagement
- Company and Marketing Strategy Partnering to Build Customer Engagement, Value, and Relationships
- Analyzing the Marketing Environment
- Quiz 1
- MID-TERM 1
- Submission of the mid-term exam papers and review of exam questions
- Assignment of the projects to the groups
- Understanding Consumer and Business Buyer Behavior
- Customer Value-Driven Marketing Strategy Creating Value for Target Customers
- Product, Services, and Brands Building Customer Value
- Quiz 2
- MID-TERM 2
- Submission of the mid-term exam papers and review of exam questions
- Developing New Products and Managing the Product Life Cycle
- Pricing Understanding and Capturing Customer Value
- Pricing Understanding and Capturing Customer Value (cont)
- FINAL EXAM

EAS 301 - Financial Management I

Objectives of the Course:

At the end of the course, students will be able to understand basic financial concepts and theories, gain the ability to interpret financial information and make financial planning.

Content of the Course:

- Chapter 1. Introduction To Financial Management
- Financial Statements, Taxes And Cash Flow
- Financial Statements, Taxes And Cash Flow (*Continued*)
- Working With Financial Statements
- Working With Financial Statements (*Continued*)
- Introduction To Valuation: The Time Value Of Money
- Discounted Cash Flow Valuation
- Midterm Examination

- Discounted Cash Flow Valuation (*Continued*)
- Interest Rates And Bond Valuation
- Equity Markets And Stock Valuation
- Net Present Value And Other Investment Criteria
- Making Capital Investment Decisions
- Final Examination

EAS 306 - Money & Banking

Objectives of the Course:

The course aims to provide the student with an introduction to the role of money, financial markets, financial institutions and monetary policy in the economy, thus providing a solid foundation for further study or employment in the financial services industry.

Content of the Course:

- Introduction: Money and the Financial System
- Understanding Interest Rates
- The Behaviour of Interest Rates
- The Risk and Term Structure of Interest Rates
- The Foreign Exchange Market
- Economic Analysis of Banking
- MIDTERM EXAMINATION
- Banking: Management and Regulation
- Banking: Structure and Competition
- Central Bank Structure
- The Money Supply
- Theories of Monetary Policy (I)
- Employee motivation, workforce trends and labor relations
- Theories of Monetary Policy (II)
- Financial Speculation
- Final exam

MMD 308 - Operational Management

Objectives of the Course:

The most important objective of this course is to contribute students for developing their analytical thinking abilities. Also to improve their knowledge as how to analyze any real life problem at any sector oriented. The scientific approach to decision making usually involves the use of one or more mathematical models, which is a mathematical representation of an actual situation that may be used to make better decisions or simply to understand the actual situation better.

Content of the Course:

- The Environment & Foundations of Operations Research
- Operations Research Models
- Modeling with Linear Programming
- Solutions of the OR Models

- Selected LP Applications
- Computer Applications for solutions and Sensitivity Analysis
- The simplex Method and Sensitivity Analysis
- Transition from Graphical to Algebraic Solutions
- Duality and Post optimality Analysis
- Economic Interpretation of duality
- Transportation Problems
- Transportation Models
- Finding optimal Solutions of the transportation problems.
- Final exam

LAW 451 - Maritime Law II

Objectives of the Course:

The objectives of this course are:

- 1) To introduce some of the major issues within the description and importance of Introduction to Maritime Law and Marine Insurance.
- 2) To gain and understanding International Maritime Regulations and Occurrence of Legal Problems

Content of the Course:

- Ownership & Registration of Ships
- Ship Management & Crew Management
- Liability of Classification Societies
- Surveys (Flag State/Port State)
- Shipbuilding Contracts/Ship Sale and Purchase
- Law of Liens & Mortgages, LOADLINES, SOLAS, MARPOL
- Mid-term
- Ship Arrests
- Admiralty: Collision & Salvage, International Maritime Regulation
- Admiralty: Salvage & General Average
- Admiralty: Wreck Removal & Pilotage, MLC 2006 convention.
- Commercial Management: Voyage & Time Charter parties
- Commercial Management: Liner Contract & Bill of Lading
- Final Exam

MMC 401 - Chartering and Brokering

Objectives of the Course:

To gain skills and knowledge for chartering practice,

To enable the students to give the right decision at the right time during the chartering negotiations

Content of the Course:

- Different divisions of Shipping Business
- Definition of Shipbroker, owner's broker, charterers broker, independent broker, Duties of Broker during the practice of his profession
- The Abbreviations used in Chartering Business

- Types of Charter Parties and Particulars I
- Types of Charter Parties and Particulars II
- Types of Charter Parties and Particulars III
- Mid-Term Exam
- Dry Cargo Voyage Chartering
- Dry Cargo Time Chartering
- Tanker Voyage Chartering
- Tanker Time Chartering
- Bare Boat Chartering
- Most Commonly Used Charter Party Forms for Different Cargoes,
- Geography of Seaborn Trade.

MMC 403 - Maritime Economics

Objectives of the Course:

Students will gain knowledge of

- 1) Development of maritime transportation and international trade after the Second World War
- 2) Globalization and its effects on marine transportation
- 3) Planning procedure of voyage and cost of voyage.

Content of the Course:

- Maritime Economics and Factors of Production of Transportation Services
- Derived Demand for Shipping
- Supply of Shipping
- Price Mechanism
- Competitive Markets in Shipping Industry
- Non-Competitive Markets in Shipping Industry
- Mid-Term Exam
- Economics of Ports, Sea Canals and Waterways
- Shipping Industry and Balance of Payment of a Country
- Cost and Accounting of a Vessel, Budget Estimation and Cash Flow Estimation
- Voyage estimating and Comparison of Different Voyages
- New Building, S&P Scrapping and Chartering Markets

MMC 405 - Ships Office Correspondence & Comm.

Objectives of the Course:

The communication carried out, both spoken and written shore to ship, ship to shore or ship to ship. The marine communication phrases known internationally standardized by IMO.

NAV 426 - Navigation VI

Objectives of the Course:

Based on STCW and IMO conventions and IMO model course 7.01 sailors should gain the ability to make recommendations as to the appropriate course planning in all circumstances by the end of the semester.

Content of the Course:

- Description and importance of Voyage Planning.
- Explaining how to use all nautical publications and charts.
- Day and night time restricted nautical publications in restricted waters.
- Restricted visibility in heavy traffic and traffic separation zones within ice limits.
- Big tide effect explanation.
- Ocean passages and voyage planning.
- Using relevant nautical publications and pilot charts.
- Explaining distance.
- Explaining meteorological conditions.
- Explaining oceanographic conditions.
- Further explanation.
- Further explanation.
- Further explanation.
- Revision.

SAF 213 - Safety at Sea**Objectives of the Course:**

To learn operation procedure of navigation equipment in accordance with STCW regulation on board.

Content of the Course:

- Life saving equipment.
- Abandoning in ship.
- Man overboard operations.
- Life at sea
- Life at sea hyphothermia
- Life in life boats
- Mid-term examination
- Life in life boats and rafts
- Search and rescue
- SAR organizations
- safety equipment
- safety equipment and certificate
- Survival at sea.
- General Replay

MMD 402 - Port and Shipping Logistics**Objective of the Course:**

The course describes the importance of logistics activities in the maritime transport sector. The unit aims to provide students with a clear understanding of the key activities associated with the operations of port and logistics organizations and to provide clear references on the type of documentation required. The unit aims to provide students with a clear understanding of inventory and the associated process, the principles and operations of warehouses and understand inventory systems.

Content of the Course:

Port types and Location, Port function and organization, port and berth performance indicator, Port marketing & Competition, Port Equipment, Evolution of Globalization, Global Logistics and Supply chain management, intermodal systems, Trade Routes, Multimodal Transport and, Through transport and logistics providers, Inventory Management, Documentation, B/L and Incoterms, B/L and Incoterms, Customs Conventions, Financial Conventions

MMD 404 - Containerization and Intermodalism**Objective of the Course:**

The aim of the course is to provide the students the information about all kinds of cargoes carried in bulk and bale. The routes used and the forms and documents required.

Content of the Course:

The basic terms used for cargo carriage, cargo documents and preparation, Unitized cargoes (the containerization and paletization), Transportation of grains, Transportation of agricultural and forest products, Transportation of coals, Transportation of fertilizers, Transportation of ferrous ores, minerals and metals, Transportation of Chemicals, Transportation of reefer cargoes I, Transportation of reefer cargoes II, Transportation of livestock and animal products, Transportation of livestock and animal products II, Transportation of vegetable oils and mineral oils

EAS 408 - International Economics**Objective of the Course:**

Have a good conceptual understanding of the key concepts and practical applications of both international trade and international finance. Provide an understanding of the intellectual and practical problems that arise from the economic interaction between countries. Analyse the links between trade and international finance, with a particular emphasis on the experiences of three geographical areas –the US, EU and East Asia. Critically comment and participate in current debates on international economic policy.

Content of the Course:

- Introduction: International Economic Institutions
- Absolute Advantage, Comparative Advantage and the Gains from Trade
- Tariffs, Quotas and Arguments for Protection
- International Trade and Labour
- International Trade and Environmental Standards
- The Global Pattern of Maritime Trade
- Revision for Midterm Exam
- Midterm Exam
- Balance of Payments
- International Financial Crises
- Financing Ships and Shipping Companies
- The United States in the Global Economy

- The European Union: Many Markets into One
- Export-Oriented Growth in East Asia
- Final Exam

MMD 492 - Graduation Project

Objective of the Course:

To have them got skill of using knowledge about basic science and engineering. To teach all processes of design project and have them got experience. To have them acquired team work skills. To improve professional and ethical responsibility. To have them acquired oral and written presentation skills.

Content of the Course:

- Preparation of the project
- Preparation of the project
- Pre-planning of project
- Pre-planning of project
- Research
- Research
- Research
- Information analysis
- Information analysis
- Design
- Design
- Design
- Analyzing of design results
- Analyzing of design results

EAS 401 - International Business Management

Objective of the Course:

To discuss the environment of international business and economics; - o discuss methods of operation in international business and economics - To adopt basic business theories and practices to international business

Content of the Course:

- Introduction, basic concepts
- Globalization and international business
- Cultural environment
- Political and legal environment
- Economic environment
- Midterm exam
- Globalization and society
- International trade theory and factor mobility
- International trade theory and factor mobility
- Government influence on trade
- Midterm exam

- Government influence on trade
- The strategy of international business
- Export and import Strategies
- Direct Investment and collaborative strategies
- Final exam

16. Information on the National Higher Education Systems

The basic structure of the North Cyprus Education System consists of four main stages as pre-school education, primary education, secondary education and higher education.

Pre-school education consists of non-compulsory programs whereas primary education is a compulsory 8 year program for all children beginning from the age of 6. The secondary education system includes “General High Schools” and “Vocational and Technical High Schools”.

The Higher Education System in North Cyprus is regulated by the Higher Education Planning, Evaluation, Accreditation and Coordination Council (Yükseköğretim Planlama, Denetleme, Akreditasyon ve Koordinasyon Kurulu , YÖDAK). Established in 1988, the Council regulates the activities of higher education institutions with respect to research, governing, planning and organization. The higher education institutions are established within the framework of the Higher Education Law. All programs of higher education should be accredited by YÖDAK.

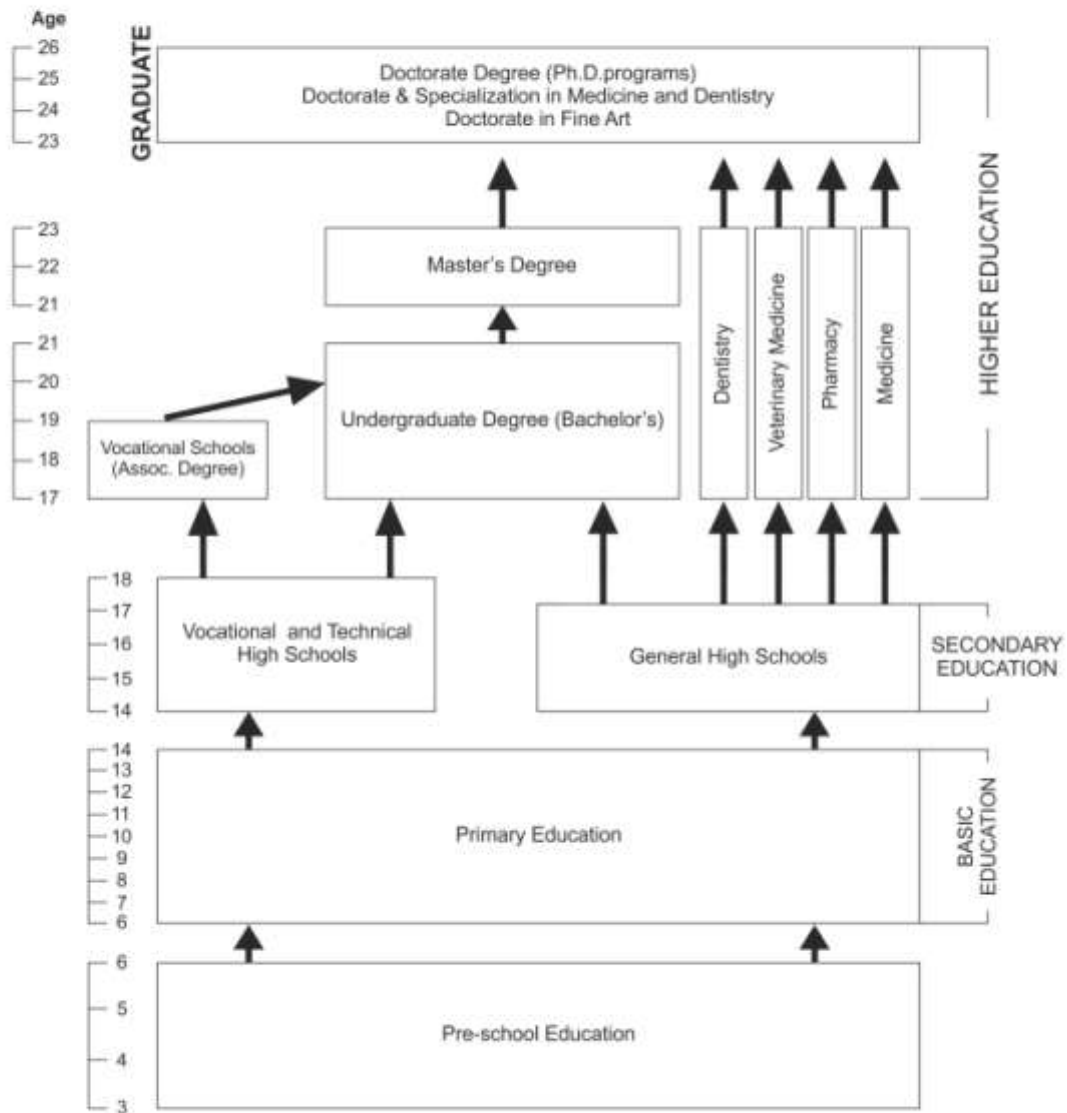
Higher education in North Cyprus comprises all post-secondary higher education programmes, consisting of short, first, second, and third cycle degrees in terms of terminology of the Bologna Process. The structure of North Cyprus higher education degrees is based on a two-tier system, except for dentistry, pharmacy, medicine and veterinary medicine programmes which have a one-tier system. The duration of these one-tier programmes is five years except for medicine which lasts six years. The qualifications in these one-tier programmes are equivalent to the first cycle (bachelor degree) plus secondary cycle (master degree) degree. Undergraduate level of study consists of short cycle (associate degree) and first cycle (bachelor degree) degrees which are awarded after the successful completion of full-time two-year and four-year study programmes, respectively.

Graduate level of study consists of second cycle (master degree) and third cycle (doctorate) degree programmes. Second cycle is divided into two sub-types named as master without thesis and master with thesis. Master programmes without thesis consists of courses and semester project. The master programmes with a thesis consist of courses, a seminar, and a thesis. Third cycle (doctorate) degree programmes consist of completion of courses, passing a qualifying examination and a doctoral thesis. Specializations in dentistry, accepted as equivalent to third cycle programmes are carried out within the faculties of dentistry. Specialization in medicine, accepted as equivalent to third cycle programmes are carried out within the faculties of medicine, and university hospitals and training hospitals operated by the Ministry of Health.

Universities consist of graduate schools (institutes) offering second cycle (master degree) and third cycle (doctorate) degree programmes, faculties offering first cycle (bachelor degree) programmes, four-year higher schools offering first cycle (bachelor degree) degree programmes with a vocational emphasis and two-year vocational schools offering short cycle (associate degree) degree programmes of strictly vocational nature.

Second cycle degree holders may apply to third cycle programmes if their performance at the first cycle degree level is exceptionally high and their national central Graduate Education Entrance Examination (ALES) score is also high and their application is approved. The doctoral degree is conferred subject to at least one publication in a cited and refereed journal.

GENERAL STRUCTURE OF THE NORTH CYPRUS EDUCATION SYSTEM



APPENDIX

UNIVERSITY OF KYRENIA MARITIME MANAGEMENT & ADMINISTRATION DEPARTMENT

<u>I.SEMESTER</u>							<u>II. SEMESTER</u>						
Course Code		Course Name	Hrs/wk	Cr d.	EC TS	Prere q.	Course Code		Course Name	Hrs/wk	Crd.	EC TS	Prereq.
NAV	101	Navigation I	(2+1+0)	2,5	3	-	NAV	102	Navigation II	(3+2+0)	4	5	NAV 101
SEA	101	Seamanship I Maritime	(2+2+0)	3	4	-	EAS	102	Principles of Economics II	(3+0+0)	3	6	EAS 101
MMD	101	Introduction to Shipping	(3+0+0)	3	4	-	MTH	172	Matheamatics for Business & Economics II	(3+0+0)	3	5	MTH 171
MTH	171	Matheamati cs for Business & Economics I	(3+0+0)	3	5	-	PED	102	Phisical Education	(0+2+0)	1	2	-
EAS	101	Principles of Economics I	(3+0+0)	3	6	-	EAS	103	Introduction to Business	(3+0+0)	3	6	-
MRE	101	Marine Engineering I	(2+1+0)	2,5	3	-	CMP	151	Introduction to Computers	(3+0+0)	3	6	-
MET	101	Maritime Meterology I	(3+2+0)	4	5	-							
		TOTAL:		21	30				TOTAL:		17	30	
<u>III. SEMESTER</u>							<u>IV. SEMESTER</u>						
Course Code		Course Name	Hrs/wk	Cr d.	ECT S	Prere q.	Course Code		Course Name	Hrs/wk	Crd.	EC TS	Prereq.
CMP	152	Computing Application	(3+0+0)	3	6	CMP151	MMD	202	Shiphandling	(2+0+0)	2	4	-
EAS	203	Financial Accounting I	(3+0+0)	3	6	-	MMC	204	Ports and Terminals	(3+0+0)	3	5	-
MTH	281	Statistics I	(3+0+0)	3	6	MTH172	MTH	282	Statistics II	(3+0+0)	3	6	MTH 281
NRC	201	Ship Construction	(2+2+0)	3	4	SEA101	EAS	204	Financial Accounting II	(3+0+0)	3	6	EAS 203
AIT	101	Ataturk's Principles and History of Turkish Rev. I	(0+2+0)	1	2	-	MMD	211	Microeconomics	(3+0+0)	3	5	EAS 102
EAS	104	Principles of Management	(3+0+0)	3	6	EAS103	LAW	251	Introduction to Law and Maritime Law	(3+1+0)	3,5	4	-
		TOTAL:		16	30				TOTAL:		17,5	30	
<u>V. SEMESTER</u>							<u>VI. SEMESTER</u>						
Course Code		Course Name	Hrs/wk	Cr d.	ECT S	Prere q.	Course Code		Course Name	Duration	Crd.	EC TS	Prereq.
CRG	301	Cargo Handling and Operations I	(3+0+0)	3	4	-	MMD	302	Port Agency	(3+0+0)	3	6	-
LAW	351	Maritime Law I	(3+0+0)	3	4	LAW251	EAS	304	Marketing	(3+0+0)	3	6	-
COM	301	Marine Communications	(3+0+0)	3	4	-	EAS	301	Financial Management I	(3+0+0)	3	6	EAS 204
EAS	303	Managerial Accounting I	(3+0+0)	3	6	EAS204	EAS	306	Money & Banking	(3+0+0)	3	6	MM D211

MMD	304	Marine Insurance	(3+0+0)	3	4	-	MMD	308	Operational Management	(3+0+0)	3	6	-
EAS	310	Organisational Behaviour	(3+0+0)	3	6	EAS104							
SWM	201	Swimming	(0+2+0)	1	2	-							
		TOTAL:		19	30				TOTAL:		15	30	
VII. SEMESTER FALL							VIII. SEMESTER SPRING						
Course Code		Course Name	Hrs/wk	Cr d.	ECT S	Prere q.	Course Code		Course Name	Hrs/wk	Cr d.	ECT S	Prere q.
LAW	451	Maritime Law I I	(4+0+0)	4	4	LAW351	MMD	402	Port and Shipping Logistics	(3+0+0)	3	6	-
MMC	401	Chartering and Brokering	(3+0+0)	3	6	-	MMD	404	Containerisation and Intermodalising	(3+0+0)	3	5	-
MMC	403	Maritime Economics	(3+0+0)	3	6	-	EAS	408	International Economics	(3+0+0)	3	7	-
MMC	405	Ships Office Correspondence & Comm.	(3+0+0)	3	5	-	MMD	492	Graduation Project	(0+8+0)	4	6	-
NAV	426	Navigation VI	(2+1+0)	2,5	4	-	EAS	401	International Business Management	(3+0+0)	3	6	-
SAF	213	Safety at Sea	(3+0+0)	3	5	-							
		TOTAL:		18,5	30				TOTAL:		16	30	

TOTAL
CREDIT: 140

TOTAL
ECTS
CREDIT: 240

UPDATED: 26.04.2017

