At the School of Transportation and Logistics (STL) at Istanbul University we aspire to be one of the nation's best public research and teaching schools combining top-flight talent with top-notch resources we provide, our students and faculty with endless energy and creativity into what and how we teach, do research and you learn, to meet our mission to create a bridge between Asia and Europe as is Istanbul, Turkey where those two continents meet.

To fulfill our mission, we fundamentally focus on reengineering what we do to go beyond the expectations of our students, researchers and other stakeholders we collaborate with to offer comprehensive both under- and graduate academic programs consistently ranked among bests in Central University Exam in Turkey. In search of excellence, we try harder to redefine learning and discovery in a global context and set new standards in education, research and creative work with the participation of our stakeholders reflecting the moving-spirit of a logistician through the quality of our faculty and their commitment to teaching and doing research.

At STL, we just believe in learning-by-doing to be more successful. Each and every learning program should have an experience part. Thus, we have made a strong commitment to do incorporate research, capstone projects with our partners, and apprenticeship in logistics businesses in our curriculum. With the help of our alumni, students participate in case studies, business plans, seminars to get more experienced before their graduation.

STL is an integral part of the community of Istanbul, Turkey. In addition to preparing the would-be governmental officials, managers, entrepreneurs, teachers of Turkey in terms of logistics, we make best efforts with development projects to make our environment a better place to learn, live, work and do business with leading experts in the field providing groundbreaking seminars with top-notch facilities of Istanbul University.

To continue our leadership in this area, we are now investing international cooperation in ensuring that our students have access to a more global world of industry and education. And with our growing emphasis on creating tight-relations with best schools of logistics in the world, we believe that we must work harder to be better since success is a result of a continuous effort to improve.

Thus, why not to be a part of our school in an old historical overwhelming country?

Eyüp Çetin, Ph. D.
Professor of Operations Research & Statistics
Director
Welcome to Istanbul, a city located, where Europe and Asia meet. It is one of the unique cities which has an old history and also had relationships with many different cultures, empires.

Istanbul, the biggest city in Turkey and also a bridge between Europe and Anatolia, has been the capital of Roman, Byzantine and Ottoman Empires, which provides Istanbul a variety that fascinates its visitors. Museums, churches, monuments, palaces, great mosques, attractive bazaars and "the Bosphorous" seem inexhaustible.
Istanbul University was founded in 1453. It is one of the ten oldest universities established in Europe.

It has 20 faculties, 3 schools and 6 vocational higher schools which are located in 12 different campuses. There are 65,000 undergraduate and 14,500 graduate students.

The reason why Istanbul University is the provider of teaching staff for all the universities in Turkey today is that Istanbul University was the only institution of higher education when the Turkish Republic was founded in 1923. Many academics graduated here have initiated the establishment of the other higher education institutions. Thus, Istanbul University has always been crucial in the training and strengthening of our country's scientific cadres.

Istanbul University, ranking one of the top most in Turkey with respect to publications per researcher and the number of references, ranked first in the year 2008 among 114 universities, with a total of 1,270 scientific papers published in refereed journals covered by the indexes.
SINCE ITS ESTABLISHMENTS

Today, many enterprises have gone beyond borders and become multinational as a result of intense competition. In 1999, our country enlarged its hinterland in terms of logistics and had cooperation with over 40 countries. More, European Union standards raised the need for qualified human resources and as a result, the logistics industry in Turkey demanded an education program.

Turkey’s first School of Transportation and Logistics established in 1999 for training specialists that are going to take roles in shaping the logistics industry in terms of national and international relations. The school opened in 1999 with 65 students and first graduates were in 2003-2004. Since then, 571 students have been graduated from the STL.

Our school had operated in the building of Istanbul University, The School of Business - AACSB Accredited between the years of 1999-2004 and then moved to its current building which was built by a consortium of 44 firma registered in International Forwarder Association.

School of Transportation and Logistics is leading logistics industry by its efforts to train the required human resources and contribute to transportation and logistics policies as a reputable educational institution.
MISSION

The mission of Istanbul University School of Transportation and Logistics is, in high-profile cooperation with stakeholders, to organize modern and participatory education programs focusing on the practice as well as the academic side of the issue, focusing on meeting the needs of the transportation and logistics industry; training students who are technologically and professionally qualified, equipped with an abundance of up to date knowledge, who can communicate with skills and social awareness in an international setting, who have a well-developed sense of analytical thought, who support team spirit and solidarity, who are open-minded towards professional and personal development, who are participatory, dynamic and respectful of professional ethics, and the consciousness of the society; producing knowledge through strategic and practicable scientific research and studies in the field; and leading social development by encouraging, enterprising, and international culture of management, and providing sustainable, innovative, responsible and utilitarian solutions to the world and the country, which is becoming a hub as its location dictates.

VISION

The vision of Istanbul University School of Transportation and Logistics is to become a dynamic, innovative open-minded, and leading educational institution renown and respected at the national and international level, which observes universal values, and which is a trusted source of knowledge, through its activities for the raising of "trained human resources" demanded and required continuously by the service sectors of transportation and logistics, and contributions to the information of modern transportation and logistics policies" of Turkey, which is virtually a logistics hub and a bridge between Europe and Asia.
OUR SCHOOL PHYSICAL FACILITIES

Our two-floor building opened in March 2004. It has 6500 m² total indoor area which contains 3 lecture halls for 120 students, a classroom for 80 students, 2 classrooms for 60 students, a computer lab, a language lab, a conference hall, students’ office, a library and a cafeteria at the first floor. Offices for academic staff, administration offices and lecture rooms are on the second floor. Besides, students can use all the facilities of Istanbul University Avcılar Campus.

Pictures

Classroom

Lecture Hall

Conference Hall

Language Room

Cafeteria

Computer Lab

Student’s Office

The School Plan

Library
ISTANBUL UNIVERSITY GUEST HOUSE

**Capacity**

- Closed Area: 920 m²
- Number of Rooms: 33
- Number of Beds: 60

**Features**

24-Hour hot water, single & double rooms, shower in rooms, breakfast saloon, library, pc rooms, internet, lake views, laundry, smoke detectors, 37" TV’s in room, meeting & projection room, all-day ring service on campus.

Lake view

Lobby

Rooms
UNDERGRADUATE PROGRAM

At STL, Transportation and Logistics Undergraduate Program has been established in order to meet the qualified labor force requirements of logistics industry. Logistics industry is intensively associated with the other sectors which operate to meet goods and services needed. In addition, logistics industry creates a competitive advantage in both national and international trade systems. Due to the above mentioned reasons, students have wide recruitment opportunities after graduation. It is expected from graduated students to implement the basic logistics concepts and logistics management techniques such as supplying and delivering goods and services in the cheapest way when they start to work. When considered from this point of view, graduates can easily work at national and international delivery companies, transportation and logistics companies, ports, airports, stations, terminals, insurance and customs clearance agencies. Curriculum is also designed in such that they can establish their own businesses.

The School of Transportation and Logistics is a provider of bachelor’s degree for four years that contains theoretical and application courses. Hence, both the academic staff and senior level directors from logistics industry take part in education.

In freshman year, students take elementary courses and continue with specific industry courses. By the end of junior year, students are required to complete an obligatory internship. For their senior year, they choose their areas to specialize through elective courses and graduate from a program that is enhanced with case studies and business models.
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UNDERGRADUATE COURSE CONTENTS

- **COMPUTER APPLICATIONS**

Computer applications is a course that aimed at making students appreciate the application of computer-based tool to a particular line of work. This course introduces the MS Office programs such as MS Word and MS Excel, as well as e-mail, Internet, word processing, spreadsheet, database, and presentation software applications. Students explore a variety of functions available using Microsoft Office Word to create and format a variety of business documents, format text and paragraphs, create and format tables. Students also explore a variety of functions available using Microsoft Office Excel to create and format workbooks, generate formulas, functions, charts, as well as be introduced to tables, pivot tables and advanced functions. They learn how to make business solutions by using such computer tools.

- **BASIC CONCEPTS OF LAW**

The basic concepts of law, legal proceeding and rights and their protections are dealt with.

- **ECONOMICS**

Economics provides to students with the analytical perspective to think critically about basic microeconomics and macroeconomics principles. The goal of this course is to give students an understanding as to which constitutes good “economic thinking”. This thought process is established in the construction and use of economics models. Micro economics covers the economic decisions of individual people and firms, the determination of prices and quantities of individual goods, wages for various classes of workers, and the theoretical basis for international trade. On the other hand, macroeconomics covers inflation, unemployment, GDP determination, money supply, balance of payments, currency markets and role of fiscal and monetary policies.

- **INTRODUCTION TO BUSINESS MANAGEMENT**

Introduction to Business Management examines main business functions such as production, marketing, finance, management, etc. and their interactions with each other in a system-thinking way with a special care of effects of both local and global issues on businesses, stressing the importance of not only delivering to the customers but also manufacturing products and services with a particular focus on logistics. Thus, it is expected for students to realize how quickly the business world changes and the importance of lifelong learning, to learn how global problems in terms of business ethics affect national and international businesses, to realize the need of not only theoretical foundations but also the practical knowledge to have the spirit of a manager or an entrepreneur and to learn how to do a basic research, analyze, communicate in an oral or written way, study in teams, understand group dynamics, do presentations in front of people, and use the information technologies.

- **MATHEMATICS I**

Mathematics I is designed as a first course in mathematics for students, and fulfills two important student needs: (1) a foundation in mathematics and (2) effective methods of solving mathematical problems in business areas. This course is designed to help students develop the skills needed to perform basic mathematical operations quickly and accurately with the use of a calculator. The course therefore prepares students in the basic principles involved in the topics treated as well as how to apply the techniques developed in problem solving. A variety of topics will be covered, with emphasis on equalities and inequalities, functions, interest calculations, and banking, investment, and finance related mathematics, limitations and derivative, optimization, integral for one variable functions. Students will be able to use these methods in business problems.

- **STATISTICS**

In this course, the basic concepts of statistics, descriptive statistics for the data, tables and graphs to summarize data, means, variability and shape of the division, probability and probability distributions, sampling will be discussed.
- **INTRODUCTION TO ACCOUNTING**

Introduction to Accounting provides an introduction to the concepts and uses of financial accounting information in a business environment and its role in the economic decision-making process. Accounting is referred to as the language of business. Primary areas of study include the theory of debits and credits, special journals, the accounting cycle, notes and interest, receivables and payables, accruals and deferrals, measurement and valuation of assets and liabilities, the determination of net income (profit) and the preparation and analysis of basic financial statements. Broad accounting topic areas to be covered include: a) accounting as an information system, b) measuring and reporting the operating cycle, c) measuring and reporting long-term assets and long-term liabilities, d) expanded presentation and analysis of accounting information. The overall course goals are to describe the accounting information system and the external financial reporting process, to construct an accounting information system and generate financial statements and to interpret information contained in published financial statements.

- **MATHEMATICS II**

Mathematics II is aimed to give the students the basic mathematical methods and application of these methods widely used in the social sciences. Multi variate functions are given in this course. A variety of topics will be covered, with emphasis on vectors and matrices, input-output analyses, linear programming and limitations derive in bivariate functions and used for solving the business problems. At the end of the course students will be able to understand the basic issues of mathematics and use these issues in relation to the fields of social sciences and gain analytical thinking skills.

- **TRANSPORTATION ECONOMICS**

Transportation Economics provides an outline of demand and supply side concepts and their application to transport policy and planning issues. This course is an introductory course for transportation professionals including in planning, funding, development, regulation and management of transport infrastructure. Transportation Economics covers economic efficiency, efficient pricing and investment, cost complexities, cost recovery in transport and market failure are examined in the course as well as their implications for transport policy. The course also covers conceptual and applied issues in the evaluation of transport infrastructure projects and addresses competition policy and access pricing issues.

- **MANAGEMENT AND ORGANIZATION**

Management and Organization course is offered to students for improving their managerial skills. Students get familiar with planning, organization, coordinating and control levels. They also study about directing an enterprise according to its targets and vision. Students are trained to manage their departments by using job descriptions and organizational tools. This course aims to give students a better understanding of decision making procedures and communication. Students have information about leadership, team work and organizational culture.

- **HUMAN RESOURCE MANAGEMENT**

Human Resource Management is that part of the management process that specializes in the management of people in work organizations. Also, it is the management of the planning and staffing of intellectual and physical inputs, or people of different skill levels, needed for an organization to meet its objectives. This means hiring the right people for each job in the organization. The aim of this course is to introduce students to the concept of Human Resource Management (HRM) and to enlighten them the functions, activities, roles of HRM in organizations. The second objective of this course is to strengthen the students perception of HRM as an important function affecting individuals, organizations and society. In this context, the main topics such as fundamentals of HRM, HRM in a changing environment, motivating employees and designing jobs, employment planning and job analysis, recruitment and foundations of selection, effective selection devices, socializing, orienting and developing employees, managing careers, evaluating employee performance, establishing rewards and pay plans, safety and health programs and international HRM are going to be under debate during this course.
INTRODUCTION TO BUSINESS FINANCE

The course has been developed to provide basic knowledge about the principles, concepts, and terminologies which are applicable to the current business practices. This course will help students develop knowledge and understanding of finance and its methods for analyzing the benefits of various sources of finance.

ORGANIZATIONAL BEHAVIOR

Organizational Behavior is about the way people actually behave in organizations of all kinds. By all kinds we mean not only business and industrial, but also government, military, service, educational, health care and even entertainment organizations. It focuses on people and organizations and on the many ways these two interact to result in varying levels of organizational effectiveness. More specifically, this course is concerned with the study of the behaviors and attitudes of individuals in organizational settings; the organization's effect on employee perceptions, feelings and actions; and their effect on the organization, particularly how individual behaviors affect the achievement of the organizational goals. The main objective of this course is to develop and enhance students' skills as an organizational member and as a manager in understanding and dealing with human problems that arise in organizations. The general objectives of the course are to focus on the continuous improvement of the effectiveness of organizations and their members, to question why people and groups in organizations feel and behave as they do and to identify processes and methods that can improve the behavior and attitudes of organizational members and, thus, their effectiveness.

SECTOREL FOREIGN LANGUAGE I

The aim of this course is to familiarize the students with basic business vocabulary in English and their usage. Some of the contents of this course business topics, markets, products and customers, money & finance, everyday business life, management, CV (resume) and job interview.

INTRODUCTION TO TRANSPORTATION MANAGEMENT

Introduction to Transportation Management provides the basic information about the concepts and practice of a transit system with a wide range covering all transport modes and overlapping with numerous other themes. It starts with a brief history of the development of transportation systems and role of governments through legislation and policy-making. It includes a detailed discussion of all transportation modes and managerial strategies with a focus on freight transportation. Then, the functional areas of management for a transporter, finance, operations, planning, marketing and human and labor relations are examined with a look at inbound and outbound logistics. There will also be discussions on the traffic management, public transportation.

TERMINOLOGY OF TRANSPORTATION AND LOGISTICS

Terminology of Transportation and Logistics introduces an extensive logistics knowledge and experience to create a straightforward guide to all transportation modes including road, rail, sea, air and pipeline transportation with a particular focus on worldwide organizations regulating the operations held in all transportation modes as well as their 'stops' in terms of warehouses, terminals, ports, airports, and stations. It also covers the documents and terms students need to know to understand a basic import and export process between two countries.

SECTORAL FOREIGN LANGUAGE II

The aim of this course is to students with basic business vocabulary in English and their usage. Some of the contents of this course social English, business travel, using the telephone, E-mails, meetings, presentations.
UNDERGRADUATE COURSE CONTENTS

- MANAGERIAL ACCOUNTING

In Managerial Accounting course, it is aimed to assist students in developing basic skills needed to interpret, analyze and evaluate information contained in financial statements of a logistics organization. Students will understand basic concepts and rules of accounting used for recording, classifying and reporting economic activities of a logistics firm. In this course, student will learn concepts, rules, and methods of certain balance sheet accounts. Emphasis will be on a deeper understanding of financial statements, receivables, inventory, fixed assets, and investments.

- SERVICES MARKETING

Turkey, as well as much of the world economy, is dominated by services. One of them is logistics and logistics is growing sectors in Turkey. Market potential is 120 billion USD. The primary theme of the course is that service organizations (e.g., transportation companies, educational institutions, professional services, etc.) require a distinctive approach to marketing strategy and to organizations that depend on service excellence for competitive advantage. The course also looks at the implications of relationships, customer satisfaction, service recovery and other critical elements in services marketing: the role of the service encounter; the key drivers of service quality; the customer's role in service creation; service design and innovation; going beyond service to create customer experiences; technology's impact on services; managing customer service expectations; and customer service metrics.

- BUSINESS FINANCE

This course provides an introduction to the theory, the methods, and the concerns of corporate finance. The main topics include: the time value of money and capital budgeting techniques, uncertainty and the trade-off between risk and return, security market efficiency, optimal capital structure and dividend policy decisions.

- LOGISTICS MANAGEMENT

Logistics Management highlights why businesses, regardless of their size, need to work smarter, harder, more effective and efficient than their rivals in today's global and increasingly competitive economy. In classical thinking, procurement, logistics, production, marketing, IT and finance were to be considered separate functions of a business; indeed, separate cost centers of it. As geographic, economic and humanitarian boundaries disappear to become a global world, successful businesses need to relate two separate concepts of operations and logistics to each other, and learn how to manage and combine the flows of products, services, information and money. Thus, it is investigated and studied in this course how to make close combination of all, and how their proper utilization enables a modern business to reduce costs, increase efficiency, and respond to their customers ever-changing needs and wants.

- QUANTITATIVE METHODS

Quantitative methods deals with the concepts and techniques of quantitative analysis commonly used in managerial decision making with focus on application. This course aimed to provide a formal quantitative approach to problem solving. Topics include linear programming, analytic hierarchic programming, game theory, goal programming, transportation problem, simulation.

- TRANSPORTATION SYSTEMS

This course is designed to give information about systems of transportation and their process. It is aimed to train students about sub-systems and relations between different transportation systems. Information systems, network design, tariff planning, fleet management, operation management, reservation systems, outsourcing and management functions are topics of this course. By taking this course students get familiar with operational logistics systems and environmental factors.
The course includes main concepts and major fields of operation in the field of logistics.

- SECTORAL FOREIGN LANGUAGE III

The course includes main concepts and major fields of operation in the field of logistics.

- INSURANCE

Due to increased competition today, the physical distribution of an enterprise can not be done alone. The firms realized to create synergies, to solve the distribution problem, with each other thus organizational structures began to change. It became hard to limit physical distribution with only transportation so it began to cover the different functions. In this course it is aimed to be understood by the students the complexity of physical distribution and the things that must be done carefully by all the parties included. Also it is aimed to be understood by the students the complexity of physical distribution and the things that must be done carefully by all the parties included.

- TOTAL QUALITY MANAGEMENT

The main aim of this course is to introduce students with quality techniques. It is aimed to enable students with practical applications of total quality management and quality control techniques in production processes. This course is designed to provide a comprehensive coverage of both theoretical and practical concepts of quality management. TQM give information about history of quality, quality concepts, identification and measurement of quality costs, organizing for total quality, empowerment and achieving total commitment, essential feature of kaizen, quality circles, the seven quality improvement tools, quality function deployment, benchmarking, 5-S campaign, Process management, ISO 9000 and QS 9000 quality system standards.
UNDERGRADUATE COURSE CONTENTS

- INTERNATIONAL MARKETING
  This course will provide a practical overview of the key elements of international marketing and issues businesses face when entering and operating in global logistics markets. International marketing environment will be analyzed from various aspects such as; socio-cultural, economics, legal, politics, environment, etc. Focus will be on the decision making process in the areas of global logistics markets analysis, target identification, services product planning, promotion mix and channel of distribution.

- WAREHOUSE DESIGN AND MANAGEMENT
  In today's competitive environment, logistics management has become more important for firms in order to meet high level of customer requirements. The need of promoting performance of warehouse management increases rapidly with the increasing number of stock keeping units (SKUs) and high labor costs. Firms can reduce inventory costs and improve degree of customer satisfactions with a successful warehouse management. Therefore it is investigated and studied in this course how to design an affective warehouse layout to utilize warehouse space effectively and enable flawless operation levels. This course seeks to provide students with a broad understanding and knowledge of warehouse and inventory management with consideration of the trade-offs between space and time in optimizing and managing a warehouse effectively.

- CUSTOMS AND TRANSIT OPERATIONS
  As a part of foreign trade education what are the customs procedures of an article of merchandise and how are they done is thought in this course. To convey the information of customs procedures. To investigate the basic and practical events about the customs. The work flow of foreign trade and the scope of customs legislation, the customs procedures, the customs regimes, financial obligation of the customs, the custom duties. Declaration of contents and customs report, uneconomically influenced customs regimes, economically influenced customs regimes, payment process of customs duties, customs offences and penalties, customs disputes, resolution of customs disputes and working conditions of the customs are aimed to be understood by the students.

- INTERNATIONAL FINANCE
  The course of International Finance focuses on understanding the theory of international finance and effects of applications of countries. The main objective of this course is to give an aspects of International trade techniques for effective management of the firms. In class we will analyze the foreign exchange markets, capital flows of international markets. Corporations that are operating in the international markets face opportunities and risks, financial manager are responsible for finding appropriate strategies to hedge the company from actual and potential risks through the use of the different types of financial assets (such as derivatives) available for this purpose. Topics to be discussed will include foreign exchange markets, international financial markets, international banking, currency derivative markets, international trade techniques, risk management, and investment decisions in the global marketplace.

- MANAGEMENT INFORMATION AND COMMUNICATION SYSTEMS
  Course enables the students to discover new options in the dynamic, challenging field of management information and telecommunication systems. At the end of the course, the students will be able to obtain detailed information about the importance of the need for information and the flow of information for the institutions and organizations. Also they will be able to think about developing or improving an information system for the needs.

- SUPPLY CHAIN MANAGEMENT
  This course includes the basic structure of the supply chain, supply chain planning activities and supply chain management issues. During the course, supply chain management and strategies, demand forecasting in supply chain, management and distribution issues will be discussed.
- TRANSPORTATION POLICIES

This course aims to provide information about global transport policies and their implications. Also, global transport strategies are studied by using case studies. Road, air, sea and rail transportation modes are the main topics and they are studied by different examples from countries. European Union policies about transportation and their impacts on national policies are also given with this course. By taking this course students become able to analyze global transport policies and evaluate their effects on national levels.

- AIR GROUND HANDLING

Developing role of ground handling services and its management progress.

- ROAD TRANSPORTATION OPERATIONS MANAGEMENT

To dispose the trucks and shipments of the international land transport and manage all the process of the operation since the begining up to end as well.

- APPLIED ENTREPRENEURSHIP

Applied Entrepreneurship is a course designed for students who want to start new businesses to provide a framework for understanding the entrepreneurial process and to expose students to challenges, problems, and issues faced by entrepreneurs. Having focused around building a business plan and pre-launch of a business, primary goal of this course is to learn how to identify and evaluate business opportunities, develop a business concept, assess and obtain the required resources, and manage the growth of new ventures. It is also to provide students with as close an experience as possible to actually starting and implementing a self-owned business to teach the actual “how to” of starting, building and running a business. This course is a very “hands on” focusing on several essential business and entrepreneurial concepts to determine where risks and opportunities take place in an intensive competition; to create tactics to earn above-average returns; to understand how to increase your sales to grow businesses more quickly; to establish and manage ‘well-working’ relationships with partners to minimize associated risks; and to determine if a business should be closed, invested more money and time or sold at best price.

- HUMAN RESOURCES PLANNING, RECRUITMENT AND SELECTION

Human Resources Planning, Recruitment and Selection is defined as the process of assessing an organization’s human resources needs in the light of organizational goals and changing condition and making plans to ensure that a competent, stable workforce is employed. It is the way of effective and efficient managing of staff require a broad process. It constitute one of the major strategies to enhance and improve work performances, this it does by removing deficiencies and prevent deficiencies from occurring. Human Resource Planning and Recruitment helps the organization to tap efficiently talents which will help to integrate both the individual and organizational goal. This will consequently minimize some of the problem associated with low productivity absenteeism and labour turn over. In this context introduction to human resources management, human resources functions, qualitative dimension of human resources planning, job analysis/job specifications, job requirements, quantitative dimension of human resources planning: numerical planning techniques, human resources recruitment process: candidate research, human resources selection process and interview techniques, employee placement and orientation are going to be discussed during this lesson.

- MANAGEMENT APPLICATION IN LOGISTICS BUSINESS

In this class new management models are explained to students with case studies of logistics and related businesses. Some of modern management applications like benchmarking, outsourcing, core competence, lean management and downsizing are considered as a part of class. Logistic industry related operations and projects are studied with the management perspective.
- **PROFESSIONAL WRITING TECHNIQUES AND PRACTICE IN ENGLISH**

This lesson aims to provide an insight into professional writing techniques in English. Within this context, students will be guided to practice writing professional letters.

- **TAX AND INVESTMENT LEGISLATION IN TRANSPORT INDUSTRY**

The aim of this course is to discuss and analyze the taxation and investment affairs of the transportation sector in the extent of the Turkish and partially international law. Both the related codes and other regulations are followed and theoretical subjects are analyzed on tax and investment affairs of transportation in the course. Income Tax Code, Corporations Income Tax Code, Value Added Tax Code and the other related codes and regulations with the investment legislation are examined during this course.

- **OCCUPATIONAL HEALTH AND MANAGEMENT IN LOGISTICS**

Occupational Health and Safety Management in Logistics has an impact on both physical and psychological health. In this lesson, students will explore the health and safety issues of various types of work, especially in logistics industry and warehouses. Students will gain an understanding of the current state of occupational safety and health in Turkey and globally including the enforcement of laws regulating occupational safety and health and the roles of workers, unions, and employers. One of the aims of this course is to demonstrate the knowledge and skills needed to identify workplace problems and advance safe, healthy work for oneself or others. At the end of this course, the student will be able to identify the components needed to provide a safe and healthful work environment through case studies, to identify potential workplace safety and health hazards and determine how to mitigate the hazards through administrative controls and personal protective equipment. It also helps students to describe basic components of an effective company safety and health program including management commitment, employee involvement, hazard recognition and control and training.

- **EVALUATION AND FINANCE OF SHIP INVESTMENTS**

This course aims to provide an understanding of the process involved in ship finance and evaluation. Examines the problems, issues and alternative methods involved in ship finance and investment appraisal focusing on the critical evaluation of the various financial methods under risky and uncertain situations. General principles of shipping financial management and the impact of economic variables on the financial operations of shipping business organizations are presented and analysed.

- **AIR TRAFFIC MANAGEMENT**

In parallel with increased air traffic around the world, theoretical knowledge of air traffic management is considered on a preferential basis. Air traffic service's components are examined as general topics of this lesson. Rules of air traffic management are detailed. Conceptual framework of air traffic management applications is analysed. And also air traffic controllers working condition is introduced to students.

- **E-COMMERCE**

E-Commerce introduces a worldwide phenomenon, which may be thought of as a revolution in progress with a broad-based and balanced coverage of both the business and technology elements of e-Commerce. This course presents concepts and skills for the strategic use of e-commerce and related information system technologies. It provides a brief framework for the analysis of e-commerce solutions to issues surrounding business-to-business, business to consumers, and intra-organizational trade to improve organizational performance. It also includes a study of network, database and programming concepts and examination of electronic interactions with relevant stakeholders to increase profitability, gain market share, improve customer service, and deliver products faster, cheaper to their customers.
The major objectives of this course are to familiarize the students with the foundations of marketing management, to examine and discuss the problems that a marketing manager confronts, to develop managerial perspective and an analytical approach to solve different marketing problems, and to improve the abilities and skills for reporting conclusions and recommendations. This course covers the marketing system and its relation with environmental factors; evolution of marketing concept; marketing institutions and process; marketing strategy and planning; marketing research and marketing information systems; consumer behavior; and product, distribution, promotion, and pricing strategies. More specifically, the course materials and activities are selected and designed to help students:

1. To understand fundamental concepts and terminology used in marketing;
2. To further develop the analytic reasoning and problem-solving skills in a marketing management setting, especially with respect to a. Understanding social, political, economic and competitive environments, the interrelationships, and the influences on marketing actions, and. Evaluating marketing decision variables in the design of marketing strategies;
3. To develop a foundation for further study in marketing and other business areas;
4. To practice interpersonal communication and writing skills consistent with the contemporary marketing management and business practices.
At STL, Transportation and Logistics Management Graduate Program provides training in order to meet the qualified labor requirement of the logistics industry which is improving in Turkey in recent years with its training program that developed by business management our graduate. Program aims to traine and develop students at transportation and logistics matters who have already received Bachelor's degree from various disciplines. Equally, it objectives to equip students with advanced logistics management skills who have already received Bachelor's degree from logistics and transportation. The other objective of this program is to train academicians in the logistics field for both Istanbul University, The School Transportation and Logistics School and the other ones. There are the other missions of this program that contribute to the academic life – industry cooperation, provide to solutions for real sector and enhance to scientific research in transportation and logistics field in Turkey.

Thus, it is known that Transportation and Logistics Management graduate Program is an interdisciplinary issue. Our graduate program mainly includes courses from Department of Transportation and Logistics, Department of Business and Department of Industrial Engineering. Likewise, Scholars from School of Transportation and Logistics and the other departments comprise the academic staff of this program. Courses is to be held in special classrooms for graduate students at the School of Transportation and Logistics.

Students are subjected to “Istanbul University Graduate Teaching Regulation” (Substance 9) while they are applying for the Transportation and Logistics Management Graduate Program. Undergraduate GPA, GRE or equivalent examination, foreign language exam and interview results are evaluated each of which has some different weights. It is required that students must complete a master's thesis, having got 30 credits in order to get a Transportation and Logistics Masters degree.

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- **QUANTITATIVE DECISION MAKING TECHNIQUES**

Quantitative Methods course deals with the concepts and techniques of quantitative analysis commonly used in managerial decision making with focus on application. This course aimed to provide a formal quantitative approach to problem solving and supported by computer applications. Topics include Introduction to quantitative analysis (QA), introduction to linear programming (LP), basic definitions and assumptions of LP, the forms of LP, formulating LP problems, the graphical solution of LP and sensitivity analysis, the simplex method, transportation models: introduction to transportation models, balanced and unbalanced transportation models, improved starting solution of transportation problems, solution techniques of transportation models, assignment and transshipment models, decision theory: decision making under certainty, decision making under risk, decision making under uncertainty, dynamic programming, simulation.

- **RESEARCH METHODOLOGY**

The aim of the Research Techniques course is to inform the students adequately about the following topics; Understanding the basic terms and terminology used in research techniques, dealing with problems a business might encounter with a methodological approach, being aware of the details about each phase of the research process. General information about making researches, the phases of the research process, types of research techniques and how to make data analysis.

- **LOGISTICS LAW**

Logistics transactions, governmental certifications of logistics companies, rights, responsibilities and liabilities of parties taking part in operations are examined in this course. At the end of course, the attendant can have general knowledge of sectoral law. Contract of carriage, the parties to carriage process, the process of the operation, losses, damages or delay on operation, and also the abilities of the companies dealing with the certifications etc. some of these.

- **HUMAN RESOURCE MANAGEMENT IN LOGISTICS SECTOR AND OCCUPATIONAL HEALTH AND SAFETY**

In this course functions of Human Resources Management will be covered one by one and employee health and job safety function will be covered in detail. Also, principles of health and safety in logistics sector will be covered. Students will examine basic legal arrangements in logistics and they will be informed about occupational accidents and diseases with prevention disciplines. This course gaining a point of view related to occupational health and safety, learning basic concepts and processes of occupational health and safety and applying necessary information and methods to real life practices.

- **FOREIGN TRADE, CUSTOMS AND TRANSIT PROCEDURES**

International trade theories as an instrument of foreign policy, foreign trade politics, foreign trade and customs legislation, the scope of process flow, customs procedures, customs regimes, financial obligations related to customs procedures, custom duties charged on a systematic structure and process, conflicts and solutions. As part of the customs procedures of an article foreign trade training of what is tradable, through examples of how learning intended.

- **TRANSPORTATION POLITICS AND GLOBAL LOGISTICS APPLICATIONS**

This course aims to provide information about global transport policies and their implications. Also, global transport strategies are studied by using case studies. Road, air, sea and rail transportation modes are the main topics and they are studied by different examples from countries. European Union policies about transportation and their impacts on national policies are also given with this course. By taking this course students become able to analyze global transport policies and evaluate their effects on national levels.
- SEMINAR

The primary purpose of Seminar is to prepare students for writing dissertation. As part of the seminar, each student is responsible for completing a written research proposal and presenting the research proposal orally in the context of the seminar. By the completion of this course, students will have collaborated with lecturer to formulate a specific research topic and research questions or hypotheses and conducted literature review relevant to a research topic. They will have point of view about designing research methodology and writing a research proposal outlining key elements of the proposed project.

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- TRANSPORTATION SYSTEMS

This course is designed to give information about systems of transportation and their process. It is aimed to train students about sub-systems and relations between different transportation systems. Information systems, network design, tariff planning, fleet management, operation management, reservation systems, outsourcing and management functions are topics of this course. By taking this course students get familiar with operational logistics systems and environmental factors.

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- LOGISTICS AND SUPPLY CHAIN MANAGEMENT

The objective of Logistics and Supply Chain Management is to optimally design and manage the flows of funds, material and information. Logistics and supply chain management activities have always been vital to organizations of all industries. In this course, main issues of logistics and supply chain management such as demand and sales forecasting, warehouse management, purchasing management, supplier selection, facility location and layout, distribution planning and inventory management will be detailed. At the end of this course, student will be able to: -understand basic concepts and quantitative methods and techniques of logistics and supply chain management, -develop appropriate solutions for real world logistics and supply chain problems.
ACADEMIC STAFF

Prof. Dr. Eyüp Çetin
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- Republic of Turkey Ministry of Transport, Maritime Affairs and Communications
- Istanbul University School of Engineering
- Istanbul University Institute of Business Administration
- International Forwarder Association
- Association of International Forwarding and Logistics Service Providers
- Istanbul University School of Business
- Istanbul University Institute of Social Sciences
- Turkish Chamber of Shipping
- TAV Airports

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