University of Kyrenia

Faculty of Maritime Studies

Maritime Management

Syllabus

Course name: Ataturk's Principles and History of Turkish Revolution II							
Code	**Year**	**Semester**	**Credit**	**ECTS**	**Course application, Hour/Week**		
					Theoretical	**Application**	**Laboratory**
AIT102	II	Spring	2	2	2	0	0
Course type: Compulsory Elective				**Prerequisite: x**		**Language:** English	
% Contribution to the Professional Fundamental Component				**Basic Sciences**	**Engineering Science**	**Engineering Design**	**General Education**
				-	-	-	100
Course Venue and Time				Friday / 13:30 – 15:20			
Instructor information				**Aydoğan Erkan** Faculty of Maritime Studies Friday / 09:00 – 12:00 +90 (392) 650 26 00 / 4060 aydogan.erkan@kyrenia.edu.tr www.kyrenia.edu.tr			

Course Description	This course examines the historical transformation of the Ottoman Empire into the modern Republic of Turkey, focusing on the political, social, economic, and cultural factors that influenced this transition. It covers the reform movements and modernization efforts during the late Ottoman period, the impact of Western cultures, and the challenges faced by the Empire. Special emphasis is placed on the Turkish War of Independence, the leadership of Mustafa Kemal Atatürk, and the establishment of the Republic of Turkey. Students will explore Atatürk's principles and reforms, understanding their historical significance and lasting influence on Turkish society and governance. The course combines historical analysis with primary sources, such as Atatürk's speeches, early Republican decrees, and relevant treaties, to provide a comprehensive understanding of this transformative period.
Course Aims and Objectives	The course aims to provide students with a comprehensive understanding of the historical, political, and social processes that led to the collapse of the Ottoman Empire and the foundation of the Republic of Turkey. It also seeks to introduce students to the principles, reforms, and leadership of Mustafa Kemal Atatürk, emphasizing their significance in shaping modern Turkey. • Explain the key historical, political, economic, and cultural factors that contributed to the decline of the Ottoman Empire. • Analyze the reform movements and modernization efforts during the late Ottoman period. • Describe the events of the Turkish War of Independence and the role of Mustafa Kemal Atatürk in establishing the Republic of Turkey. • Understand and explain Atatürk's principles and reforms, including their historical and contemporary relevance. • Critically evaluate the impact of Western cultural and political influences on the Ottoman Empire and early Turkish Republic. • Interpret primary historical sources, including speeches, treaties, and decrees, to gain insight into the period.

Course Learning Outcomes	**CLO1:** Identify the main political, social, and economic factors that contributed to the decline of the Ottoman Empire. **CLO2:** Explain the impact of Western influence on Ottoman reform movements and modernization efforts. **CLO3:** Analyze the conditions that led to the Turkish National Struggle under Mustafa Kemal Atatürk's leadership. **CLO4:** Evaluate the role of national and international dynamics in the foundation of the Republic of Turkey. **CLO5:** Interpret primary historical sources and documents related to the late Ottoman and early Republican periods. **CLO6:** Discuss the importance of Atatürk's reforms and principles in the establishment of a modern, secular nation-state. **CLO7:** Develop a critical perspective on the transformation from an empire to a republic within the context of world history. **CLO8:** Apply historical knowledge to understand contemporary political and social issues in Turkey.

Content of the Course

Week	*Subject*
1	**Introduction & Course Overview** • Overview of Atatürk's principles and vision • Recap of the establishment of the Republic of Turkey • Importance of reform movements in early Republican period
2	**The Political Reforms I** • Abolition of the Sultanate (1922) and Caliphate (1924) • Formation of a secular political system • Development of multi-party ideas and Republican governance
3	**The Political Reforms II** • Constitution of 1924 and amendments • Legal reforms: adoption of Swiss Civil Code, Italian Penal Code, and other Western models • The role of the judiciary in modernizing Turkey
4	**Social Reforms I** • Changes in family law and women's rights • Adoption of surnames (1934) and civil status reforms • Education reforms: unification of education, establishment of modern schools
5	**Social Reforms II** • Language reform and adoption of the Latin alphabet (1928) • Development of Turkish Language Association • Literacy campaigns and their impact on society
6	**Cultural Reforms I** • Secularization of cultural institutions • Theatre, literature, music, and the promotion of arts in early Republican Turkey • National identity and historical consciousness
7	**Cultural Reforms II** • Dress codes and cultural modernization • Adoption of Western calendar, time, and measurement systems • Promotion of national festivals and commemorations
8	**Economic Reforms I** • Establishment of state-owned enterprises • Agricultural development and modernization programs • Early industrialization efforts
9	**Economic Reforms II** • Banking and financial system reforms • Policies for economic independence and self-sufficiency • Infrastructure development: railways, ports, and communication systems
10	**Foreign Policy and National Defense** • Foreign relations of the Republic in early years • Lausanne Treaty implementation and diplomatic achievements • Military modernization and the role of the armed forces in nation-building
11	**Atatürk's Principles (Kemalism) I** • Republicanism, Nationalism, Populism • Secularism and state-society relations • Reformist and progressive vision

12	**Atatürk's Principles (Kemalism) II** • Statism and state intervention in the economy • Reformism and modernization principles • Implementation and societal impact
13	**Challenges and Opposition** • Social and political opposition to reforms • Regional and ideological resistance • Methods of overcoming challenges and promoting national unity
14	**Evaluation of Atatürk's Legacy** • Last years of Atatürk's leadership (1935–1938) • Consolidation of reforms and national institutions • Reflection on the effectiveness and impact of Atatürk's reforms
15	**Review and Final Assessment** • Comprehensive review of key reforms and principles • Class discussion on Atatürk's vision and contemporary relevance • Oral or written assessment

Methods and Techniques used in the Course

Lectures and Presentations: Theoretical background and key historical events are explained with the support of visual materials and timelines.

Class Discussions and Debates: Students are encouraged to critically discuss reform movements, revolutions, and Atatürk's principles to develop analytical thinking.

Document and Text Analysis: Examination of historical documents, speeches, treaties, and memoirs to understand events from primary sources.

Question–Answer Sessions: Active student participation through problem-based and guiding questions.

Audio-Visual Materials: Use of documentaries, maps, and archival records to support historical understanding.

Comparative Analysis: Evaluation of Ottoman reforms and Turkish modernization within the global context.

Research Assignments and Presentations: Students prepare individual or group projects on specific historical issues and present them to the class.

Sample Questions

Multiple Choice Questions (MCQs)

- Which of the following was a major reason for the decline of the Ottoman Empire?
  a) Industrialization in the Ottoman territories
  b) Political, economic, and social challenges from Western influence
  c) Expansion of Ottoman naval power
  d) Unification of Balkan states
- What was the primary goal of the reform movements in the late Ottoman period?
  a) Expansion of the empire
  b) Modernization and adaptation to Western political and cultural standards
  c) Religious domination in Europe
  d) Establishing colonies in Africa
- When was the Republic of Turkey officially proclaimed?
  a) 1919
  b) 1920
  c) 1923
  d) 1925

Short Answer Questions

- Explain the role of Mustafa Kemal Atatürk in the Turkish War of Independence.
- List and briefly describe three major reform movements undertaken during the late Ottoman period.
- How did Western cultural influences affect the political and social structure of the Ottoman Empire?

Essay Questions

- Analyze the political, economic, and social challenges that led to the collapse of the Ottoman Empire and how they contributed to the emergence of the Turkish Republic.
- Discuss the significance of Atatürk's principles in shaping the modern Turkish state.
- Compare the Ottoman modernization efforts with the reforms carried out after the establishment of the Republic of Turkey.

Materials Used in the Course

Textbooks & References

- Mango, Andrew. *Atatürk: The Biography of the Founder of Modern Turkey.* Overlook Press, 2000.
- Zürcher, Erik J. *Turkey: A Modern History.* I.B. Tauris, 2004.
- Karpat, Kemal H. *The Ottoman Empire and Modern Turkey.* University of Wisconsin Press, 2001.
- Turkish Ministry of National Education, *Atatürk's Principles and History of Turkish Revolution Textbook.*

Academic Articles & Papers

- Articles on the late Ottoman reforms (Tanzimat and Meşrutiyet) from journals such as *Middle Eastern Studies* and *Journal of Modern Turkish Studies.*
- Papers analyzing the Turkish War of Independence and establishment of the Republic.

Multimedia & Visual Aids

- Documentaries on Mustafa Kemal Atatürk and the Turkish War of Independence.
- Historical maps showing the partitioning of the Ottoman Empire and military campaigns during the independence struggle.
- Archival photographs of key events, leaders, and reforms.

Online Resources

- Official websites: Republic of Turkey Ministry of Culture and Tourism, Atatürk Research Center.
- Online digital archives and libraries for historical documents and treaties (e.g., Treaty of Lausanne, Sèvres).
- Educational platforms with lecture notes, summaries, and videos related to Turkish history.

Supplementary Materials

- Timelines of Ottoman decline and Turkish War of Independence.
- Handouts summarizing Atatürk's principles (Kemalism) and major reforms.
- Vocabulary lists for key historical terms in English to support comprehension.

All the above listed books are available at UoK's Grand Library

Program Outcomes Matrix

	Program Outcomes	*Level of Contribution				Targeted Competence Areas
		0	1	2	3	
1	Demonstrate fundamental knowledge of maritime business, shipping operations, port management, and international logistics.				✓	Maritime Business & Operations
2	Apply principles of management, economics, and finance to ship operations, chartering, brokerage, and maritime organizational decision-making.				✓	Maritime Economics & Management
3	Understand and interpret international maritime law, conventions, and trade regulations including SOLAS, MARPOL, UNCLOS, and INCOTERMS.				✓	Maritime Law & Policy
4	Plan and manage port and terminal operations efficiently, considering cargo handling systems, port logistics, and intermodal transport networks.				✓	Port & Terminal Operations Management
5	Employ digital tools and data-driven approaches in ship management, fleet performance monitoring, and maritime logistics systems.				✓	Digital Maritime Operations
6	Integrate sustainability, environmental protection, and decarbonization principles into maritime and logistics operations in line with IMO GHG strategy.			✓		Sustainability & Green Shipping
7	Demonstrate competence in maritime risk assessment, safety management systems (ISM Code), and crisis response in ship and shore-based contexts.			✓		Safety & Risk Management
8	Exhibit leadership, teamwork, and communication skills necessary for multicultural and interdisciplinary maritime organizations.				✓	Leadership & Intercultural Communication
9	Apply marketing, logistics, and supply chain strategies to global shipping and maritime transport sectors.				✓	Global Logistics & Supply Chain Management
10	Prepare and analyze charter parties, bills of lading, and other shipping documents while managing cargo claims and marine insurance issues.				✓	Maritime Documentation & Insurance
11	Utilize effective business English and Maritime English for negotiation, correspondence, and documentation within international maritime contexts.			✓		Maritime Communication & Professional English
12	Demonstrate ethical awareness, corporate responsibility, and adherence to international professional standards in maritime and logistics management.			✓		Ethics & Corporate Responsibility
13	Develop research skills and analytical thinking to identify, evaluate, and solve complex problems in maritime transport and logistics systems.			✓		Analytical Thinking & Research Skills
14	Adapt to innovations such as digitalization, automation, and smart shipping technologies through continuous professional development.				✓	Innovation & Lifelong Learning
15	Apply entrepreneurship and strategic management principles to establish or develop maritime-related enterprises in a competitive global environment.			✓		Entrepreneurship & Strategic Management

***0:** No Contribution **1:** Little Contribution **2:** Partial Contribution **3:** Full Contribution

Program Outcomes /Course Learning Outcomes Matrix **Level of Contribution**:**0**-No Contribution **1**-Little Contribution **2**-Partial Contribution **3**-Full Contribution										
PO	**CLO1**	**CLO2**	**CLO3**	**CLO4**	**CLO5**	**CLO6**	**CLO7**	**CLO8**		
PO1	3	3	3	3	2	2	2	2		
PO2	2	3	3	3	2	2	2	2		
PO3	2	2	3	3	3	3	3	3		
PO4	2	2	3	3	3	3	3	3		
PO5	3	3	3	3	3	3	3	3		
PO6	2	2	2	2	2	2	2	2		
PO7	1	1	2	2	2	2	2	2		
PO8	1	1	1	1	2	2	2	3		
PO9	1	1	1	1	1	1	2	3		
PO10	1	1	1	1	2	2	2	3		
PO11	1	1	2	2	2	2	2	2		
PO12	1	1	2	2	2	2	2	2		
PO13	1	1	1	1	2	2	2	3		
PO14	1	1	1	1	2	2	2	3		
PO15	1	1	1	1	2	2	2	3		

Course Learning Outcomes/ Evaluation Method		
CLO	**Teaching Method**	**Assessment Method**
CLO1 – Decline of the Ottoman Empire	Lecture, Historical Analysis Sessions, Multimedia Presentations	Quizzes, Assignments, Midterm Exam
CLO2 – Western Influence & Reform Movements	Lecture, Document Analysis, Class Discussions	Assignments, Quizzes, Written Exams
CLO3 – Turkish National Struggle	Lecture, Case Studies, Primary Source Analysis	Midterm Exam, Assignments, Short Essays
CLO4 – Foundation of the Republic	Lecture, Debates, Comparative Analysis Activities	Assignments, Quizzes, Written Exams
CLO5 – Historical Source Interpretation	Document Study Workshops, Archival Material Analysis, Tutorials	Source Analysis Reports, Assignments, Quizzes
CLO6 – Atatürk's Reforms & Principles	Lecture, Group Discussions, Multimedia Presentations	Quizzes, Assignments, Midterm Exam
CLO7 – Empire–Republic Transformation Analysis	Seminar Sessions, Critical Thinking Activities, Case Studies	Essays, Assignments, Participation
CLO8 – Applying Historical Knowledge to Contemporary Issues	Discussions, Problem-Based Learning, Contemporary Case Evaluations	Assignments, Presentations, Final Exam

ECTS / Workload Table			
Activities	**Number**	**Duration (Hours)**	**Total Workload**
Preparation for lectures	**15**	**1**	**15**
Lectures	**15**	**2**	**30**
Midterm Exam	**1**	**3**	**3**
Preparation for Midterm Exam	**1**	**20**	**20**
Final Exam	**1**	**3**	**3**
Preparation for Final Exam	**1**	**20**	**20**
Presentation(s)	-	-	-
Preparation for Presentation(s)	-	-	-
Research for Project(s)/Essay(s)	-	-	-
Project Writing	-	-	-
Group Work	-	-	-
In-class Discussion(s)	-	-	-
Quiz(es)	-	-	-
Preparation for Quiz(es)	-	-	-
Laboratory	-	-	-
Assignment(s)/Homework/Class Works	-	-	-
Micro-Teaching Sessions	-	-	-
Lesson Planning	-	-	-
Materials Adaptation	-	-	-
Material Development	-	-	-
Draft Preparation	-	-	-
Drawing	-	-	-
Essay Writing	-	-	-
Tutorial(s)	-	-	-
Portfolio Preparation	-	-	-
Portfolio Presentation	-	-	-
Total Workload			**91**
ECTS Credit			**2**

Evaluation System		
Semester Requirements	**Number**	**Percentage of Grade**
Attendance/Participation	-	-
Laboratory	-	-
Application	-	-
Field Work	-	-
Special Course Internship (Work Placement)	-	-
Homework/Assignments	-	-
Providing reliability and motivation of the individual homework completion and Submission	-	-
Presentation/Jury	-	-
Project	-	-
Quiz	-	-
Midterms/Oral Exams	1	40
Final/Oral Exams	1	60
Total	**2**	**100**

	Percentage	**Course Grade**	**Coefficient**
Grading Policy	90-100	AA	4.0
	85-89	BA	3.5
	80-84	BB	3.0
	75-79	CB	2.5
	70-74	CC	2.0
	60-69	DC	1.5
	50-59	DD	1.0
	49 and below	FF	0.0
	Less than 70% attendance	NA	-
Course Requirements and Policies	• Alerted attendance at the lectures is essential! • Students are expected to check frequently the instructor's web page for the course announcements. • University of Kyrenia honor code will be strictly enforced regarding any issues concerning cheating.		

University of Kyrenia

Faculty of Maritime Studies

Maritime Management

Syllabus

Course name: Cargo Handling and Stability							
Code	**Year**	**Semester**	**Credit**	**ECTS**	**Course application, Hour/Week**		
					Theoretical	**Application**	**Laboratory**
CRG202	II	Spring	3	5	2	2	0
Course type: Compulsory				**Prerequisite: x**		**Language:** English	
% Contribution to the Professional Fundamental Component				**Basic Sciences**	**Engineering Science**	**Engineering Design**	**General Education**
				20	30	30	20
Course Venue and Time				Tuesday / 10:30 – 13:20			
Instructor information				**Cpt. Mehmet Emin Debeş** Faculty of Maritime Studies Wednesday / 09:00 - 12:00 +90 (392) 650 26 00 / 4060 mehmetemin.debes@kyrenia.edu.tr www.kyrenia.edu.tr			

Course Description	This course provides students with a comprehensive understanding of cargo handling operations and ship stability principles. It covers the structural arrangements of cargo spaces, the use and maintenance of cargo handling equipment, and the preparation of holds for safe loading and discharging. Emphasis is placed on the effects of different cargo types—such as containers, bulk cargo, grain, and hazardous goods—on a ship's seaworthiness, stability, and safety. Students will learn methods of stowage, securing, and protection of cargo, as well as procedures for inspection, damage detection, and corrosion prevention. The course also introduces stability calculations, including displacement, draft surveys, trim, GM, stress analysis, and the impact of density variations. Practical applications focus on solving stability and trim problems after cargo operations, with special attention to safety requirements, international regulations, and best practices in cargo management.
Course Aims and Objectives	The primary aim of this course is to provide students with the fundamental knowledge and skills required to manage cargo operations safely and to ensure ship stability under various loading conditions. The course also aims to develop a strong understanding of the relationship between cargo handling, ship structure, and overall seaworthiness. • Understand the design and functions of cargo spaces and cargo handling equipment. • Acquire knowledge of different cargo types (general cargo, container, bulk cargo, grain, and hazardous cargo) and their impact on ship operations and safety. • Learn safe practices of cargo stowage, securing, and protection to minimize risks during voyages. • Identify structural elements critical to ship safety and develop the ability to recognize, inspect, and report damage or corrosion. • Apply international safety regulations and survey procedures in cargo handling and ship maintenance. • Perform essential stability calculations, including displacement, draft surveys, trim, GM, and stress analysis. • Solve practical problems related to stability, trim, and stress before and after cargo operations.

	• Develop a professional awareness of the importance of cargo safety, stability management, and compliance with international maritime standards.
Course Learning Outcomes	**CLO1:** Identify and describe the main cargo spaces, cargo handling equipment, and structural arrangements used on different types of ships. **CLO2:** Explain the principles of safe cargo handling, stowage, securing, and preservation of cargo under various operational and environmental conditions. **CLO3:** Analyze the effects of different cargo types (e.g., bulk, containers, deck cargo, dangerous goods) on ship stability, seaworthiness, and safety. **CLO4:** Apply appropriate inspection and monitoring techniques to detect damage, corrosion, or structural failures in cargo holds, hatches, and ballast tanks. **CLO5:** Demonstrate knowledge of international regulations and survey programs related to cargo safety and ship structural integrity. **CLO6:** Perform displacement, draft survey, trim, stability, and stress calculations using theoretical and practical methods. **CLO7:** Evaluate the impact of cargo distribution and environmental factors on the ship's trim, stability, and longitudinal balance. **CLO8:** Develop cargo plans and calculate loading/unloading operations with consideration for safety, efficiency, and regulatory compliance. **CLO9:** Communicate effectively during cargo operations to ensure coordination, safety, and proper record-keeping. **CLO10:** Integrate theoretical and practical knowledge to optimize cargo handling and ship stability in real-world operational scenarios.

Content of the Course

Week	*Subject*
1	Introduction to Cargo Handling and Ship Stability • Overview of cargo operations and stability concepts • Types of cargo ships
2	Cargo Spaces and Equipment I • Cargo compartments and arrangements • Cargo handling gears: winches, derricks, cranes
3	Cargo Spaces and Equipment II • Hatch covers and their maintenance • Preparation of dry cargo holds for loading • Cargo stowage and securing
4	Cargo Operations • Preparations for loading and discharging • Supervision and safety measures during cargo operations
5	Effect of Cargo on Seaworthiness I • Draft, trim, and stability in relation to cargo distribution • Cargo protection methods
6	Effect of Cargo on Seaworthiness II • Deck cargo considerations • Containerized cargo handling • Bulk cargo operations
7	Special Cargo Types • Carriage of bulk grain • Hazards and precautions with dangerous, hazardous, and harmful cargoes
8	Safe Cargo Handling and Supervision I • Supervision of cargo operations • Effective communication during loading and discharging • Identification of damage due to corrosion and heavy weather
9	Safe Cargo Handling and Supervision I • Supervision of cargo operations

	• Effective communication during loading and discharging • Identification of damage due to corrosion and heavy weather
10	Inspection Procedures and Damage Assessment • Reliable methods for damage detection and assessment • Objectives of the Enhanced Survey Program (ESP)
11	Cargo Handling Equipment and Safety • Maintenance and safety of cargo gears • Tanker cargo systems: piping arrangements and pumping systems • Safe entry into enclosed spaces
12	Cargo Planning • General cargo calculations and planning for different ship types
13	Ship Trim, Stability, and Stress Calculations I • Displacement and draft survey methods • Trim calculation • GM (metacentric height) determination
14	Ship Trim, Stability, and Stress Calculations II • Stress calculations • Longitudinal stability and the effect of density changes • Transfer problems
15	Ship Trim, Stability, and Stress Calculations II • Stress calculations • Longitudinal stability and the effect of density changes • Transfer problems

Methods and Techniques used in the Course

Lectures and Presentations: Core theoretical concepts are delivered through instructor-led lectures supported by multimedia presentations.

Classroom Discussions: Interactive discussions are encouraged to enhance critical thinking and problem-solving related to cargo handling and stability cases.

Case Studies and Problem-Solving: Real-life scenarios and problem sets are analyzed to apply theoretical knowledge to practical situations, particularly in cargo damage, survey programs, and stability challenges.

Mathematical and Simulation-Based Exercises: Stability, stress, draft survey, and trim calculations are practiced through structured exercises and software-supported simulations.

Demonstrations: Cargo handling equipment, safety procedures, and inspection methods are introduced via demonstrations, videos, and technical manuals.

Collaborative Group Work: Students work in teams to develop cargo plans, conduct inspections, and present findings, promoting teamwork and professional communication.

Assignments and Reports: Students prepare written reports and assignments to deepen their understanding of cargo operations and vessel stability.

Examinations and Quizzes: Regular assessments are used to evaluate students' mastery of theoretical knowledge and practical applications.

Sample Questions

- **Define and compare** the main types of cargo ships, giving examples of their cargo arrangements and operational uses.
- **Explain** the procedures for preparing a cargo hold before loading dry bulk cargo.
- A vessel has a **displacement of 22,000 tons** at a draft of 9.2 m. If 1,500 tons of cargo is loaded uniformly, calculate the new draft using the given TPC.
- **Discuss** the main causes of cargo damage during loading and discharging operations and propose preventive measures.
- **Illustrate** the effects of loading containers on deck with respect to ship stability and seaworthiness.
- A ship trims by the stern after loading. **Explain** the factors causing this condition and describe how it can be corrected.
- **Calculate** the metacentric height (GM) given displacement, KB, BM, and KG values. Comment on the ship's stability.
- **Describe** the safety precautions that must be taken before entering an enclosed space such as a cargo hold or ballast tank.
- **Evaluate** the role of the Enhanced Survey Program in maintaining cargo hold integrity and preventing structural failure.
- **Prepare** a cargo plan for loading a combination of bulk and container cargo, ensuring compliance with stability requirements.

Materials Used in the Course

Core Textbooks

- Eyres, D.J., & Bruce, G.J. *Ship Construction*. Elsevier.
- Rawson, K.J., & Tupper, E.C. *Basic Ship Theory*. Butterworth-Heinemann.
- Branch, A.E. *Elements of Shipping*. Routledge.

International Conventions and Guidelines

- *International Convention for the Safety of Life at Sea (SOLAS)*.
- *International Maritime Solid Bulk Cargoes (IMSBC) Code*.
- *International Maritime Dangerous Goods (IMDG) Code*.
- *Code of Safe Practice for Cargo Stowage and Securing (CSS Code)*.
- *Enhanced Survey Program (ESP) Guidelines*.

Supplementary Materials

- Cargo handling manuals, stability booklets, and trim & stability tables of various ship types.
- Hydrostatic curves and cross curves of stability for practice exercises.
- IMO circulars and technical reports on cargo safety.

Digital and Simulation Tools

- Ship stability and cargo planning software.
- Onboard cargo management and loading computer systems.
- Multimedia presentations and video materials demonstrating cargo operations and accident case studies.

Practical Training Resources

- Shipboard visits and field observations where applicable.
- Laboratory models for stability experiments.
- Case studies of real cargo handling incidents and stability failures.

All the above listed books are available at UoK's Grand Library

Program Outcomes Matrix

	Program Outcomes	*Level of Contribution				Targeted Competence Areas
		0	1	2	3	
1	Demonstrate fundamental knowledge of maritime business, shipping operations, port management, and international logistics.				✓	Maritime Business & Operations
2	Apply principles of management, economics, and finance to ship operations, chartering, brokerage, and maritime organizational decision-making.				✓	Maritime Economics & Management
3	Understand and interpret international maritime law, conventions, and trade regulations including SOLAS, MARPOL, UNCLOS, and INCOTERMS.				✓	Maritime Law & Policy
4	Plan and manage port and terminal operations efficiently, considering cargo handling systems, port logistics, and intermodal transport networks.				✓	Port & Terminal Operations Management
5	Employ digital tools and data-driven approaches in ship management, fleet performance monitoring, and maritime logistics systems.				✓	Digital Maritime Operations
6	Integrate sustainability, environmental protection, and decarbonization principles into maritime and logistics operations in line with IMO GHG strategy.			✓		Sustainability & Green Shipping
7	Demonstrate competence in maritime risk assessment, safety management systems (ISM Code), and crisis response in ship and shore-based contexts.			✓		Safety & Risk Management
8	Exhibit leadership, teamwork, and communication skills necessary for multicultural and interdisciplinary maritime organizations.				✓	Leadership & Intercultural Communication
9	Apply marketing, logistics, and supply chain strategies to global shipping and maritime transport sectors.				✓	Global Logistics & Supply Chain Management
10	Prepare and analyze charter parties, bills of lading, and other shipping documents while managing cargo claims and marine insurance issues.				✓	Maritime Documentation & Insurance
11	Utilize effective business English and Maritime English for negotiation, correspondence, and documentation within international maritime contexts.			✓		Maritime Communication & Professional English
12	Demonstrate ethical awareness, corporate responsibility, and adherence to international professional standards in maritime and logistics management.			✓		Ethics & Corporate Responsibility
13	Develop research skills and analytical thinking to identify, evaluate, and solve complex problems in maritime transport and logistics systems.			✓		Analytical Thinking & Research Skills
14	Adapt to innovations such as digitalization, automation, and smart shipping technologies through continuous professional development.				✓	Innovation & Lifelong Learning
15	Apply entrepreneurship and strategic management principles to establish or develop maritime-related enterprises in a competitive global environment.			✓		Entrepreneurship & Strategic Management

***0:** No Contribution **1:** Little Contribution **2:** Partial Contribution **3:** Full Contribution

Program Outcomes /Course Learning Outcomes Matrix **Level of Contribution**:**0**-No Contribution **1**-Little Contribution **2**-Partial Contribution **3**-Full Contribution										
PO	**CLO1**	**CLO2**	**CLO3**	**CLO4**	**CLO5**	**CLO6**	**CLO7**	**CLO8**	**CLO9**	**CLO10**
PO1	3	3	3	2	3	2	2	2	2	3
PO2	1	2	2	2	2	3	2	2	2	2
PO3	2	2	3	2	3	3	2	3	2	3
PO4	1	2	2	2	2	3	2	2	2	2
PO5	3	3	3	2	3	3	3	3	2	3
PO6	2	2	2	2	2	2	2	2	2	2
PO7	1	1	1	1	1	1	2	1	1	2
PO8	1	1	1	1	1	1	1	1	1	1
PO9	1	1	1	1	1	1	1	1	0	1
PO10	1	2	2	2	2	2	2	2	2	2
PO11	1	1	1	1	1	1	1	1	1	2
PO12	1	1	1	1	1	1	1	1	1	2
PO13	1	1	2	3	3	2	1	1	1	3
PO14	1	1	2	3	3	2	1	1	1	3
PO15	1	1	2	3	3	2	1	1	1	3

Course Learning Outcomes/ Evaluation Method		
CLO	**Teaching Method**	**Assessment Method**
CLO1 – Cargo Spaces & Equipment	Lecture, Multimedia Presentation, Ship Model Demonstrations	Quizzes, Assignments, Lab/Practical Exercises
CLO2 – Safe Cargo Handling Principles	Lecture, Case Studies, Hands-on Exercises	Assignments, Practical Exams, Observation
CLO3 – Cargo Effects on Stability & Safety	Problem-Solving Sessions, Simulation Exercises	Assignments, Quizzes, Practical Exercises
CLO4 – Inspection & Monitoring Techniques	Lab Exercises, Hands-on Demonstrations	Lab Reports, Observation, Practical Exams
CLO5 – Cargo Regulations & Survey Programs	Lecture, Tutorials, Discussions	Quizzes, Assignments, Participation
CLO6 – Displacement, Draft, Trim & Stress Calculations	Lecture, Problem-Solving Sessions, Simulation Exercises	Assignments, Midterm Exam, Practical Exercises
CLO7 – Cargo Distribution & Environmental Effects	Case Studies, Simulation Exercises	Assignments, Practical Exams, Quizzes
CLO8 – Cargo Planning & Operations	Scenario-Based Exercises, Group Projects	Project Reports, Lab Exercises, Assignments
CLO9 – Communication during Cargo Operations	Role-Playing, Bridge/Deck Simulations	Observation, Assignments, Practical Exams
CLO10 – Applied Cargo & Stability Integration	Integrated Simulations, Case Studies, Problem-Based Learning	Project Reports, Practical Exams, Assignments

ECTS / Workload Table			
Activities	**Number**	**Duration (Hours)**	**Total Workload**
Preparation for lectures	**15**	**1**	**15**
Lectures	**15**	**3**	**45**
Midterm Exam	**1**	**3**	**3**
Preparation for Midterm Exam	**1**	**6**	**6**
Final Exam	**1**	**3**	**3**
Preparation for Final Exam	**1**	**6**	**6**
Presentation(s)	-	-	-
Preparation for Presentation(s)	-	-	-
Research for Project(s)/Essay(s)	-	-	-
Project Writing	**1**	**15**	**15**
Group Work	-	-	-
In-class Discussion(s)	**15**	**1**	**15**
Quiz(es)	-	-	-
Preparation for Quiz(es)	-	-	-
Laboratory	-	-	-
Assignment(s)/Homework/Class Works	**2**	**10**	**20**
Individual Reading / Research	-	-	-
Lesson Planning	-	-	-
Materials Adaptation	-	-	-
Material Development	-	-	-
Draft Preparation	-	-	-
Drawing	-	-	-
Essay Writing	-	-	-
Tutorial(s)	-	-	-
Portfolio Preparation	-	-	-
Portfolio Presentation	-	-	-
Total Workload			**128**
ECTS Credit			**5**

Evaluation System		
Semester Requirements	**Number**	**Percentage of Grade**
Attendance/Participation	15	10
Laboratory	-	-
Application	-	-
Field Work	-	-
Special Course Internship (Work Placement)	-	-
Homework/Assignments	2	10
Providing reliability and motivation of the individual homework completion and Submission	-	-
Presentation/Jury	-	-
Project	1	10
Quiz	-	-
Midterms/Oral Exams	1	30
Final/Oral Exams	1	40
Total	**5**	**100**

	Percentage	**Course Grade**	**Coefficient**
Grading Policy	90-100	AA	4.0
	85-89	BA	3.5
	80-84	BB	3.0
	75-79	CB	2.5
	70-74	CC	2.0
	60-69	DC	1.5
	50-59	DD	1.0
	49 and below	FF	0.0
	Less than 70% attendance	NA	-
Course Requirements and Policies	• Alerted attendance at the lectures is essential! • Students are expected to check frequently the instructor's web page for the course announcements. • University of Kyrenia honor code will be strictly enforced regarding any issues concerning cheating.		

University of Kyrenia

Faculty of Maritime Studies

Maritime Management

Syllabus

Course name: Accounting II							
Code	**Year**	**Semester**	**Credit**	**ECTS**	**Course application, Hour/Week**		
					Theoretical	**Application**	**Laboratory**
EAS204	II	Spring	3	6	3	0	0
Course type: Compulsory				**Prerequisite: x**		**Language:** English	
% Contribution to the Professional Fundamental Component				**Basic Sciences**	**Engineering Science**	**Engineering Design**	**General Education**
				-	-	-	100
Course Venue and Time				Monday / 09:30 – 12:20			
Instructor information				**Assist. Prof. Emete Toros** Faculty of Administrative Sciences and Economics Wednesday / 09:00 - 12:00 +90 (392) 650 26 00 / 4060 emete.toros@kyrenia.edu.tr www.kyrenia.edu.tr			

Course Description	This course builds on the fundamentals of Accounting I and provides students with an in-depth understanding of financial accounting for organizations. Topics include uniform systems of accounts used in organizations, preparation of departmental and general income statements, and practice in preparing departmental financial statements. The course also introduces comparative and common-size financial statements, enabling students to analyze and interpret financial performance over time and across entities. Emphasis is placed on ratio analysis, including problem-solving and interpretation of financial ratios to evaluate liquidity, profitability, and solvency. Additionally, students explore key cost management concepts, including fixed and variable costs, to understand their impact on financial decision-making. Through practical exercises and applications, students develop advanced accounting skills necessary for organizational analysis and reporting.
Course Aims and Objectives	The aim of this course is to advance students' knowledge of financial accounting by focusing on organizational accounting systems, financial statement preparation, analysis, and cost management. It prepares students to interpret financial data effectively for decision-making in business and organizational contexts. • Understand and apply uniform systems of accounts in different types of organizations. • Prepare departmental and general income statements accurately. • Construct comparative and common-size financial statements for analysis. • Analyze and interpret financial statements to assess organizational performance. • Perform ratio analysis and interpret results for decision-making purposes. • Apply problem-solving techniques to financial ratios and understand their implications. • Understand cost management principles, including fixed and variable costs, and their impact on organizational decisions. • Integrate accounting knowledge to support financial planning and management in organizations.
Course Learning Outcomes	**CLO1:** Apply uniform accounting systems in organizational contexts. **CLO2:** Prepare departmental income statements accurately. **CLO3:** Prepare general income statements for organizations. **CLO4:** Construct comparative financial statements to analyze performance over time. **CLO5:** Prepare common-size financial statements for cross-sectional analysis.

	CLO6: Analyze and interpret financial statements to evaluate organizational health. **CLO7:** Perform ratio analysis and interpret liquidity, profitability, and solvency indicators. **CLO8:** Solve financial problems using ratio analysis and explain their implications. **CLO9:** Understand and apply fixed and variable cost concepts in cost management. **CLO10:** Integrate advanced accounting techniques for effective organizational decision-making.

Content of the Course

Week	*Subject*
1	Review of Accounting I concepts and introduction to Accounting II
2	Uniform Systems of Accounts in organizations
3	Departmental Income Statements: concepts and preparation
4	Practice in preparing Departmental Income Statements
5	General Income Statements: structure and preparation
6	Comparative Financial Statements: concepts and construction
7	Common-Size Financial Statements: preparation and analysis
8	Midterm Exam Week
9	Financial Statement Analysis: interpretation of results
10	Ratio Analysis: liquidity, profitability, and solvency ratios
11	Problem-solving exercises on financial ratios
12	Cost Management: introduction to fixed and variable costs
13	Cost management applications in organizational decision-making
14	Case Studies: integrated financial statement analysis and cost management
15	Final Exam Week

Methods and Techniques used in the Course

Lectures: Presentation of advanced accounting concepts, uniform systems of accounts, and financial statement analysis.

In-Class Exercises: Guided practice on departmental and general income statements, comparative and common-size statements.

Problem-Solving Sessions: Application of ratio analysis and cost management principles to real-life business scenarios.

Case Studies: Analysis of organizational financial data to interpret performance and cost implications.

Group Work: Collaborative exercises to enhance understanding of complex accounting processes.

Homework Assignments: Regular practice for preparing financial statements, performing ratio analysis, and cost calculations.

Quizzes and Exams: Periodic evaluations to assess understanding and practical skills in advanced accounting techniques.

Use of Accounting Software (if applicable): Introduction to tools for analyzing financial statements and ratios efficiently.

Sample Questions

1. Uniform Systems of Accounts

- Explain the concept of a uniform system of accounts and its importance in organizational accounting.
- Classify the following accounts according to a uniform system: Cash, Accounts Receivable, Revenue, Salaries Expense, Capital.

2. Departmental and General Income Statements

- Prepare a departmental income statement for a company with two departments using the following data:
    1. Department A: Revenue $50,000, Expenses $30,000
    2. Department B: Revenue $40,000, Expenses $25,000
- Construct a general income statement for the same company.

3. Comparative and Common-Size Financial Statements

- Prepare a comparative income statement for two consecutive years given the following data:
    1. Year 1: Revenue $100,000, Expenses $60,000
    2. Year 2: Revenue $120,000, Expenses $70,000
- Construct a common-size income statement using the Year 2 data.

4. Financial Statement Analysis

- Analyze the following financial statements and interpret the performance of the organization:
    1. Current Assets: $50,000, Current Liabilities: $30,000, Net Income: $20,000

5. Ratio Analysis

- Calculate and interpret the following ratios:
    1. Liquidity: Current Ratio = Current Assets / Current Liabilities
    2. Profitability: Net Profit Margin = Net Income / Revenue
    3. Solvency: Debt-to-Equity Ratio = Total Liabilities / Total Equity
- A company has Net Income $50,000, Revenue $200,000, Total Assets $300,000, Total Equity $150,000. Compute and interpret the Return on Assets (ROA) and Return on Equity (ROE).

6. Cost Management

- Define fixed and variable costs and provide two examples of each in a manufacturing context.
- Calculate the total cost for a company producing 1,000 units if fixed costs are $10,000 and variable cost per unit is $5.

7. Integrated Problems

- Prepare a departmental income statement, calculate ratios, and provide an interpretation of financial performance for a company with multiple departments and cost data.

Materials Used in the Course

Primary Textbooks

- **Weygandt, J. J., Kimmel, P. D., & Kieso, D. E. (2022).** ***Accounting Principles*** **(14th Edition).** Wiley.
- **Horngren, C. T., Harrison, W. T., & Bamber, D. (2019).** ***Introduction to Financial Accounting*** **(11th Edition).** Pearson.
- **Needles, B. E., Powers, M., & Crosson, S. V. (2020).** ***Financial Accounting*** **(13th Edition).** Cengage Learning.

Recommended References

- **Wild, J. J., Shaw, K. W., & Chiappetta, B. (2020).** ***Fundamental Accounting Principles*** **(24th Edition).** McGraw-Hill.
- **Garrison, R. H., Noreen, E. W., & Brewer, P. C. (2021).** ***Managerial Accounting*** **(17th Edition).** McGraw-Hill.
- **Spiceland, J. D., Thomas, W., & Herrmann, D. (2019).** ***Intermediate Accounting*** **(9th Edition).** McGraw-Hill.
- **Kieso, D. E., Weygandt, J. J., & Warfield, T. D. (2021).** ***Intermediate Accounting*** **(17th Edition).** Wiley.

All the above listed books are available at UoK's Grand Library

Program Outcomes Matrix

	Program Outcomes	*Level of Contribution				Targeted Competence Areas
		0	1	2	3	
1	Demonstrate fundamental knowledge of maritime business, shipping operations, port management, and international logistics.				✓	Maritime Business & Operations
2	Apply principles of management, economics, and finance to ship operations, chartering, brokerage, and maritime organizational decision-making.				✓	Maritime Economics & Management
3	Understand and interpret international maritime law, conventions, and trade regulations including SOLAS, MARPOL, UNCLOS, and INCOTERMS.				✓	Maritime Law & Policy
4	Plan and manage port and terminal operations efficiently, considering cargo handling systems, port logistics, and intermodal transport networks.				✓	Port & Terminal Operations Management
5	Employ digital tools and data-driven approaches in ship management, fleet performance monitoring, and maritime logistics systems.				✓	Digital Maritime Operations
6	Integrate sustainability, environmental protection, and decarbonization principles into maritime and logistics operations in line with IMO GHG strategy.			✓		Sustainability & Green Shipping
7	Demonstrate competence in maritime risk assessment, safety management systems (ISM Code), and crisis response in ship and shore-based contexts.			✓		Safety & Risk Management
8	Exhibit leadership, teamwork, and communication skills necessary for multicultural and interdisciplinary maritime organizations.				✓	Leadership & Intercultural Communication
9	Apply marketing, logistics, and supply chain strategies to global shipping and maritime transport sectors.				✓	Global Logistics & Supply Chain Management
10	Prepare and analyze charter parties, bills of lading, and other shipping documents while managing cargo claims and marine insurance issues.				✓	Maritime Documentation & Insurance
11	Utilize effective business English and Maritime English for negotiation, correspondence, and documentation within international maritime contexts.			✓		Maritime Communication & Professional English
12	Demonstrate ethical awareness, corporate responsibility, and adherence to international professional standards in maritime and logistics management.			✓		Ethics & Corporate Responsibility
13	Develop research skills and analytical thinking to identify, evaluate, and solve complex problems in maritime transport and logistics systems.			✓		Analytical Thinking & Research Skills
14	Adapt to innovations such as digitalization, automation, and smart shipping technologies through continuous professional development.				✓	Innovation & Lifelong Learning
15	Apply entrepreneurship and strategic management principles to establish or develop maritime-related enterprises in a competitive global environment.			✓		Entrepreneurship & Strategic Management

***0:** No Contribution **1:** Little Contribution **2:** Partial Contribution **3:** Full Contribution

Program Outcomes /Course Learning Outcomes Matrix **Level of Contribution**:**0**-No Contribution **1**-Little Contribution **2**-Partial Contribution **3**-Full Contribution										
PO / CLO	**CLO1**	**CLO2**	**CLO3**	**CLO4**	**CLO5**	**CLO6**	**CLO7**	**CLO8**	**CLO9**	**CLO10**
PO1	3	3	3	3	2	2	2	2	2	3
PO2	3	3	3	3	3	3	3	3	3	3
PO3	2	2	2	2	1	1	1	1	1	2
PO4	2	2	2	2	2	2	2	2	2	2
PO5	1	1	2	2	2	2	2	2	3	3
PO6	1	1	1	2	1	1	2	2	2	2
PO7	1	1	1	1	2	2	2	2	2	2
PO8	1	1	2	1	1	1	2	2	2	2
PO9	1	1	2	1	1	1	2	2	2	2
PO10	2	2	1	2	2	3	2	2	2	3
PO11	1	2	2	1	1	2	2	2	3	3
PO12	1	2	1	2	1	1	2	2	2	2
PO13	2	3	3	2	2	1	2	1	2	2
PO14	2	2	1	2	2	2	1	2	2	2
PO15	1	2	1	2	2	3	2	2	3	3

Course Learning Outcomes/ Evaluation Method		
Course Learning Outcomes (CLOs)	**Teaching Method**	**Assessment Method**
CLO1: Apply uniform accounting systems in organizational contexts.	Lectures, in-class exercises, guided practice	Quizzes, assignments, midterm exam
CLO2: Prepare departmental income statements accurately.	Lectures, board exercises, problem-solving sessions	Assignments, quizzes, midterm exam
CLO3: Prepare general income statements for organizations.	Lectures, case studies, in-class exercises	Assignments, midterm exam, final exam
CLO4: Construct comparative financial statements to analyze performance over time.	Lectures, applied exercises, discussion	Assignments, midterm exam, final exam
CLO5: Prepare common-size financial statements for cross-sectional analysis.	Lectures, problem-solving, in-class exercises	Assignments, quizzes, midterm exam
CLO6: Analyze and interpret financial statements to evaluate organizational health.	Case studies, lectures, group discussions	Assignments, midterm exam, final exam
CLO7: Perform ratio analysis and interpret liquidity, profitability, and solvency indicators.	Lectures, problem-solving, applied exercises	Assignments, quizzes, midterm exam, final exam
CLO8: Solve financial problems using ratio analysis and explain their implications.	Lectures, applied exercises, group work	Assignments, quizzes, final exam
CLO9: Understand and apply fixed and variable cost concepts in cost management.	Lectures, in-class exercises, case studies	Assignments, midterm exam, final exam
CLO10: Integrate advanced accounting techniques for effective organizational decision-making.	Lectures, group projects, applied exercises	Assignments, midterm exam, final exam

ECTS / Workload Table			
Activities	**Number**	**Duration (Hours)**	**Total Workload**
Preparation for lectures	**15**	**1**	**15**
Lectures	**15**	**3**	**45**
Midterm Exam	**1**	**2**	**2**
Preparation for Midterm Exam	**1**	**15**	**15**
Final Exam	**1**	**2**	**2**
Preparation for Final Exam	**1**	**15**	**15**
Presentation(s)	-	-	-
Preparation for Presentation(s)	-	-	-
Research for Project(s)/Essay(s)	-	-	-
Project Writing	-	-	-
Group Work	-	-	-
In-class Discussion(s)	**15**	**3**	**45**
Quiz(es)	-	-	-
Preparation for Quiz(es)	-	-	-
Laboratory	-	-	-
Assignment(s)/Homework/Class Works	**1**	**15**	**15**
Micro-Teaching Sessions	-	-	-
Lesson Planning	-	-	-
Materials Adaptation	-	-	-
Material Development	-	-	-
Draft Preparation	-	-	-
Drawing	-	-	-
Essay Writing	-	-	-
Tutorial(s)	-	-	-
Portfolio Preparation	-	-	-
Portfolio Presentation	-	-	-
Total Workload			**154**
ECTS Credit			**6**

Evaluation System		
Semester Requirements	**Number**	**Percentage of Grade**
Attendance/Participation	15	10
Laboratory	-	-
Application	-	-
Field Work	-	-
Special Course Internship (Work Placement)	-	-
Homework/Assignments	1	10
Providing reliability and motivation of the individual homework completion and Submission	-	-
Presentation/Jury	-	-
Project	-	-
Quiz	-	-
Midterms/Oral Exams	1	30
Final/Oral Exams	1	50
Total	**4**	**100**

	Percentage	**Course Grade**	**Coefficient**
Grading Policy	90-100	AA	4.0
	85-89	BA	3.5
	80-84	BB	3.0
	75-79	CB	2.5
	70-74	CC	2.0
	60-69	DC	1.5
	50-59	DD	1.0
	49 and below	FF	0.0
	Less than 70% attendance	NA	-
Course Requirements and Policies	• Alerted attendance at the lectures is essential! • Students are expected to check frequently the instructor's web page for the course announcements. • University of Kyrenia honor code will be strictly enforced regarding any issues concerning cheating.		

University of Kyrenia

Faculty of Maritime Studies

Maritime Management

Syllabus

Course name: English II							
Code	**Year**	**Semester**	**Credit**	**ECTS**	**Course application, Hour/Week**		
					Theoretical	**Application**	**Laboratory**
ENG102	II	Spring	3	3	3	0	0
Course type: Compulsory Elective				**Prerequisite: x**		**Language:** English	
% Contribution to the Professional Fundamental Component				**Basic Sciences**	**Engineering Science**	**Engineering Design**	**General Education**
				-	-	-	100
Course Venue and Time				Wednesday / 13:30 – 16:20			
Instructor information				**Aydoğan Erkan** Faculty of Maritime Studies Friday / 09:00 – 12:00 +90 (392) 650 26 00 / 4060 aydogan.erkan@kyrenia.edu.tr www.kyrenia.edu.tr			

Course Description	*English II (ENG 102)* is designed to enhance students' ability to communicate effectively in English by focusing on language use in everyday life situations. The course introduces vocabulary, expressions, and basic grammatical structures at the A2/B1 level of the Common European Framework of Reference for Languages (CEFR). Emphasis is placed on developing functional language skills for real-life communication, including greetings, introductions, describing people and routines, asking for information, expressing preferences, and making simple social interactions. Students will engage in a variety of communicative activities such as role-plays, dialogues, and listening comprehension exercises to improve fluency, accuracy, and confidence in using English. The course also aims to raise awareness of how language conveys meaning in specific contexts, enabling learners to respond appropriately in both familiar and new situations. By the end of the course, students will be able to participate in basic conversations, understand spoken English in common contexts, and use everyday vocabulary effectively in speaking and listening tasks.
Course Aims and Objectives	The primary aim of *English I (ENG 101)* is to provide students with the fundamental linguistic tools and communicative strategies needed to interact in everyday situations at an A2/B1 level of the CEFR. The course aims to build students' confidence in using English as a medium of communication by focusing on functional language use, vocabulary expansion, and listening and speaking skills. • Understand and use everyday expressions and basic phrases related to immediate needs and familiar topics. • Introduce themselves and others, ask and answer questions about personal details, and describe daily routines. • Use appropriate vocabulary and expressions to interact in contexts such as shopping, travel, health, socializing, and work. • Demonstrate the ability to ask for and give directions, make arrangements, and express likes, dislikes, and preferences. • Apply strategies to maintain conversations in English, including making invitations, offers, suggestions, and responding politely. • Develop basic listening comprehension skills for real-life communication scenarios. • Strengthen oral fluency and accuracy through practice in dialogues, role-plays, and discussions. • Gain cultural awareness by comparing customs, traditions, and social practices across cultures.

Course Learning Outcomes	**CLO1:** Communicate effectively in everyday contexts using appropriate vocabulary, expressions, and structures at an A2/B1 CEFR level. **CLO2:** Introduce themselves and others, and exchange personal information accurately in both spoken and written forms. **CLO3:** Describe daily routines, habits, hobbies, and preferences using common verbs, adjectives, and frequently used expressions. **CLO4:** Ask for and give directions, make requests, and express needs in everyday situations such as shopping, travel, and dining. **CLO5:** Demonstrate comprehension of short oral texts, including conversations and dialogues, through listening-based tasks. **CLO6:** Express personal opinions, likes, dislikes, and preferences in social and interpersonal communication. **CLO7:** Participate actively in role-plays and dialogues that simulate real-life communication settings (e.g., health, work, travel, social interactions). **CLO8:** Apply basic grammatical structures—including present, past, and future tenses; prepositions; and question forms—to produce accurate and meaningful sentences. **CLO9:** Use English appropriately for intercultural communication, demonstrating awareness of cultural similarities and differences in daily life and traditions. **CLO10:** Show improved confidence and fluency in speaking, listening, and engaging in conversations in English.

Content of the Course

Week	*Subject*
1	**Introduction & Course Orientation** • Course overview and objectives • Importance of English in daily life • Introduction to basic greetings and self-introduction • Classroom language and expressions
2	**Talking About Yourself and Others** • Describing yourself, family, and friends • Asking and answering personal questions • Common verbs and adjectives for description
3	**Daily Routines and Habits** • Vocabulary for everyday activities • Talking about routines using simple present tense • Time expressions (e.g., always, usually, sometimes)
4	**Places and Directions** • Vocabulary for locations in town and transportation • Asking for and giving directions • Prepositions of place and movement
5	**Food and Drinks** • Vocabulary related to meals, groceries, and restaurants • Ordering food and drinks • Expressing likes, dislikes, and preferences
6	**Hobbies and Free Time** • Vocabulary for hobbies, sports, and leisure activities • Talking about routines and preferences • Using frequency adverbs
7	**Shopping and Money** • Vocabulary for shopping, products, and prices • Asking for information and making purchases • Expressing quantity and cost
8	**Health and Illness** • Vocabulary for body parts, symptoms, and medical situations • Expressing how you feel and giving advice • Making simple requests for help
9	**Work and Professions** • Vocabulary for jobs, workplaces, and daily tasks • Talking about duties and responsibilities • Asking and answering about someone's work
10	**Travel and Transportation** • Vocabulary for travel, tickets, and accommodations • Asking for travel information and making arrangements • Discussing past and future travel plans
11	**Weather and Environment** • Vocabulary for weather conditions, seasons, and nature • Describing the environment and climate

	• Making small talk about the weather
12	**Socializing and Making Plans** • Invitations, offers, and suggestions • Accepting and refusing politely • Talking about future arrangements using “will” and “going to”
13	**Culture and Daily Life** • Vocabulary for festivals, traditions, and cultural activities • Comparing your culture with others • Expressing opinions and preferences
14	**Review of Key Functions and Vocabulary** • Revision of greetings, daily routines, hobbies, and travel • Practice dialogues in simulated real-life situations • Listening and speaking exercises for comprehension
15	**Final Assessment & Speaking Practice** • Oral presentations or dialogues • Listening comprehension assessment • Review and feedback on progress

Methods and Techniques used in the Course

Communicative Language Teaching (CLT): Focus on real-life communication and functional language use through role-plays, pair work, and group activities.

Task-Based Learning: Students complete meaningful tasks such as dialogues, presentations, and problem-solving activities to practice authentic language.

Listening and Speaking Practice: Regular listening comprehension exercises, oral drills, and speaking activities to improve fluency and accuracy.

Interactive Activities: Games, simulations, and discussions that engage learners in authentic use of vocabulary and expressions.

Reading and Writing Integration: Short texts, dialogues, and written tasks are used to reinforce vocabulary, grammar, and comprehension.

Audio-Visual Aids: Use of multimedia materials, including videos, audio recordings, and digital tools, to enhance listening and speaking practice.

Formative Assessment Techniques: Continuous evaluation through class participation, quizzes, oral practice, and feedback sessions.

Sample Questions

Speaking / Oral Practice:

- Can you introduce yourself and talk about your family?
- What do you usually do on weekends?
- How do you ask for directions to the nearest bus station?
- Could you order a meal at a restaurant?
- How would you make plans with a friend for next Saturday?

Listening Comprehension:

- Listen to a short dialogue between two people in a shop. What are they buying?
- Listen to a weather forecast. What will the weather be like tomorrow?
- Listen to a conversation at a train station. Where is the person traveling?

Reading Comprehension:

- Read a short text about a person's daily routine. What time does he wake up?
- Read a menu from a restaurant. What is the price of the chicken salad?
- Read a travel advertisement. Where is the trip going and how many days does it last?

Writing:

- Write a short paragraph about your favorite hobby.
- Write an email to a friend inviting them to your birthday party.
- Write 5–6 sentences describing your city or town.

Materials Used in the Course

Textbooks

- *English for Everyday Life* – Basic A2/B1 Level
- *Oxford English Grammar and Vocabulary for Students*

Reference Books

- *English Vocabulary in Use: Elementary & Pre-Intermediate*
- *Collins Easy Learning English Grammar & Practice*
- *Oxford Practice Grammar*

Online Resources & Platforms

- Interactive English learning websites (e.g., BBC Learning English, Cambridge English)
- Online quizzes and exercises related to vocabulary, grammar, and listening comprehension
- Video and audio materials for listening practice

Supplementary Materials

- Handouts for weekly topics, dialogues, and exercises
- Flashcards for vocabulary practice
- Role-play and simulation activity sheets for oral communication practice

Tools & Equipment

- Multimedia classroom with projector and audio system
- Computers or tablets for interactive exercises and online practice
- Whiteboard for in-class explanations and group activities

All the above listed books are available at UoK's Grand Library

Program Outcomes Matrix

	Program Outcomes	*Level of Contribution				Targeted Competence Areas
		0	1	2	3	
1	Demonstrate fundamental knowledge of maritime business, shipping operations, port management, and international logistics.				✓	Maritime Business & Operations
2	Apply principles of management, economics, and finance to ship operations, chartering, brokerage, and maritime organizational decision-making.				✓	Maritime Economics & Management
3	Understand and interpret international maritime law, conventions, and trade regulations including SOLAS, MARPOL, UNCLOS, and INCOTERMS.				✓	Maritime Law & Policy
4	Plan and manage port and terminal operations efficiently, considering cargo handling systems, port logistics, and intermodal transport networks.				✓	Port & Terminal Operations Management
5	Employ digital tools and data-driven approaches in ship management, fleet performance monitoring, and maritime logistics systems.				✓	Digital Maritime Operations
6	Integrate sustainability, environmental protection, and decarbonization principles into maritime and logistics operations in line with IMO GHG strategy.			✓		Sustainability & Green Shipping
7	Demonstrate competence in maritime risk assessment, safety management systems (ISM Code), and crisis response in ship and shore-based contexts.			✓		Safety & Risk Management
8	Exhibit leadership, teamwork, and communication skills necessary for multicultural and interdisciplinary maritime organizations.				✓	Leadership & Intercultural Communication
9	Apply marketing, logistics, and supply chain strategies to global shipping and maritime transport sectors.				✓	Global Logistics & Supply Chain Management
10	Prepare and analyze charter parties, bills of lading, and other shipping documents while managing cargo claims and marine insurance issues.				✓	Maritime Documentation & Insurance
11	Utilize effective business English and Maritime English for negotiation, correspondence, and documentation within international maritime contexts.			✓		Maritime Communication & Professional English
12	Demonstrate ethical awareness, corporate responsibility, and adherence to international professional standards in maritime and logistics management.			✓		Ethics & Corporate Responsibility
13	Develop research skills and analytical thinking to identify, evaluate, and solve complex problems in maritime transport and logistics systems.			✓		Analytical Thinking & Research Skills
14	Adapt to innovations such as digitalization, automation, and smart shipping technologies through continuous professional development.				✓	Innovation & Lifelong Learning
15	Apply entrepreneurship and strategic management principles to establish or develop maritime-related enterprises in a competitive global environment.			✓		Entrepreneurship & Strategic Management

***0:** No Contribution **1:** Little Contribution **2:** Partial Contribution **3:** Full Contribution

Program Outcomes /Course Learning Outcomes Matrix **Level of Contribution**:**0**-No Contribution **1**-Little Contribution **2**-Partial Contribution **3**-Full Contribution										
PO	**CLO1**	**CLO2**	**CLO3**	**CLO4**	**CLO5**	**CLO6**	**CLO7**	**CLO8**	**CLO9**	**CLO10**
PO1	3	3	2	2	3	2	1	2	2	2
PO2	1	1	2	2	1	2	1	2	3	2
PO3	2	2	2	1	2	2	3	3	2	2
PO4	1	1	1	1	2	3	3	1	1	2
PO5	3	1	3	2	2	2	2	2	3	2
PO6	2	2	2	2	3	2	3	2	2	2
PO7	1	1	1	1	1	1	1	1	1	1
PO8	1	1	1	1	0	1	1	1	1	1
PO9	1	1	1	1	1	1	1	1	0	1
PO10	1	1	2	3	3	2	1	1	1	3
PO11	1	1	1	1	1	1	1	1	1	2
PO12	1	1	1	1	1	1	1	1	1	2
PO13	1	1	2	3	3	2	1	1	1	3
PO14	1	1	2	3	3	2	1	1	1	3
PO15	1	1	2	3	3	2	1	1	1	3

Course Learning Outcomes/ Evaluation Method		
CLO	**Teaching Method**	**Assessment Method**
CLO1	Lecture, Question–Answer	Midterm Exam, Final Exam
CLO2	Lecture, Pair/Group Work	Midterm Exam, Final Exam
CLO3	Lecture, Practice Activities	Midterm Exam, Final Exam
CLO4	Lecture, Role-Play, Simulations	Quizzes, Midterm Exam, Final Exam
CLO5	Lecture, Listening Activities	Quizzes, Midterm Exam, Final Exam
CLO6	Lecture, Interactive Tasks	Midterm Exam, Final Exam
CLO7	Lecture, Role-Play, Dialogues	Performance Tasks, Final Exam
CLO8	Lecture, Grammar Practice	Quizzes, Midterm Exam, Final Exam
CLO9	Lecture, Cultural Activities	Assignments, Midterm Exam, Final Exam
CLO10	Lecture, Communication Practice	Oral Exam, Midterm Exam, Final Exam

ECTS / Workload Table			
Activities	**Number**	**Duration (Hours)**	**Total Workload**
Preparation for lectures	**15**	**1**	**15**
Lectures	**15**	**3**	**45**
Midterm Exam	**1**	**3**	**3**
Preparation for Midterm Exam	**1**	**20**	**20**
Final Exam	**1**	**3**	**3**
Preparation for Final Exam	**1**	**20**	**20**
Presentation(s)	-	-	-
Preparation for Presentation(s)	-	-	-
Research for Project(s)/Essay(s)	-	-	-
Project Writing	-	-	-
Group Work	-	-	-
In-class Discussion(s)	-	-	-
Quiz(es)	-	-	-
Preparation for Quiz(es)	-	-	-
Laboratory	-	-	-
Assignment(s)/Homework/Class Works	-	-	-
Micro-Teaching Sessions	-	-	-
Lesson Planning	-	-	-
Materials Adaptation	-	-	-
Material Development	-	-	-
Draft Preparation	-	-	-
Drawing	-	-	-
Essay Writing	-	-	-
Tutorial(s)	-	-	-
Portfolio Preparation	-	-	-
Portfolio Presentation	-	-	-
Total Workload			**106**
ECTS Credit			**3**

Evaluation System		
Semester Requirements	**Number**	**Percentage of Grade**
Attendance/Participation	-	-
Laboratory	-	-
Application	-	-
Field Work	-	-
Special Course Internship (Work Placement)	-	-
Homework/Assignments	-	-
Providing reliability and motivation of the individual homework completion and Submission	-	-
Presentation/Jury	-	-
Project	-	-
Quiz	-	-
Midterms/Oral Exams	1	40
Final/Oral Exams	1	60
Total	**2**	**100**

	Percentage	**Course Grade**	**Coefficient**
Grading Policy	90-100	AA	4.0
	85-89	BA	3.5
	80-84	BB	3.0
	75-79	CB	2.5
	70-74	CC	2.0
	60-69	DC	1.5
	50-59	DD	1.0
	49 and below	FF	0.0
	Less than 70% attendance	NA	-
Course Requirements and Policies	• Alerted attendance at the lectures is essential! • Students are expected to check frequently the instructor's web page for the course announcements. • University of Kyrenia honor code will be strictly enforced regarding any issues concerning cheating.		

University of Kyrenia

Faculty of Maritime Studies

Maritime Management

Syllabus

Course name: First Aid and Medical Care							
Code	**Year**	**Semester**	**Credit**	**ECTS**	**Course application, Hour/Week**		
					Theoretical	**Application**	**Laboratory**
FMC202	II	Spring	3	3	2	2	0
Course type: Compulsory Elective				**Prerequisite: x**		**Language:** English	
% Contribution to the Professional Fundamental Component				**Basic Sciences**	**Engineering Science**	**Engineering Design**	**General Education**
				30	-	-	70
Course Venue and Time				Tuesday / 08:30 – 12:20			
Instructor information				**Uz.Dr. Kasım Bozgeyik** Faculty of Maritime Studies Wednesday / 09:00 – 12:00 +90 (392) 650 26 00 / 4060 kasim.bozgeyik@kyrenia.edu.tr www.kyrenia.edu.tr			

Course Description	This course provides comprehensive knowledge and practical skills in maritime first aid and medical care. It covers the fundamentals of human anatomy, common illnesses, and the use of medicines in a maritime context, with a focus on effective communication in medical emergencies. Students will learn to apply first aid techniques in cases of injury, illness, poisoning, burns, fractures, and environmental effects, as well as to provide extended medical care on board until professional assistance becomes available. The course also introduces international medical references such as the International Medical Guide for Ships (IMGS), the Medical First Aid Guide for Use in Accidents Involving Dangerous Goods (MFAG), and the medical pages of the International Code of Signals. Emphasis is placed on the prevention of diseases, maintaining hygiene on board, record-keeping, and compliance with international maritime medical regulations. Practical skills, including patient examination, wound treatment, suturing, bandaging, pharmacology, sterilization, and radio-medical communication, are developed to prepare students for real-life medical emergencies at sea. The course will be conducted in accordance with the IMO Model Courses 1.14, and 1.15, as well as the national regulation “Egitim Sinav Yonergesi 2025” of the Turkish Republic. Successful students will obtain mandatory STCW certificates of (1); Medical First Aid, (2); Medical Care.
Course Aims and Objectives	The primary aim of this course is to equip students with the essential knowledge, skills, and competencies necessary to deliver effective first aid and medical care on board ships, in accordance with international maritime standards and guidelines. The course prepares students to respond appropriately to medical emergencies, manage injuries and illnesses, and apply preventive healthcare measures in maritime environments. • Comprehend the fundamental framework and roles of the human body concerning first aid and medical treatment. • Communicate effectively in English during medical emergencies, utilizing international codes, guides, and telemedical support. • Identify and respond to common injuries, such as fractures, burns, wounds, and spinal trauma, with proper first aid techniques. • Ensure the application of appropriate procedures during life-threatening emergencies, including cardiopulmonary resuscitation (CPR), drowning incidents, and asphyxia cases. • Utilize the Medical First Aid Guide (MFAG) and other international medical references for handling hazardous materials and poisoning cases. • Provide medical care for both acute and chronic medical conditions, including infectious and tropical diseases. • Deliver specialized care for patients with gynecological, obstetric, dental, and mental health conditions on board. • Implement preventive health measures, including hygiene, vaccination, disinfection, and environmental control on ships. • Maintain precise medical records in accordance with international and national maritime regulations.

	• Cooperate effectively with external medical services, including radio medical advice, medical evacuation, and port health authorities.
Course Learning Outcomes	**LO1**: Describe the structure and functions of the human body that are important for first aid and medical care. **LO2**: Demonstrate effective communication in English during medical emergencies by employing standard medical terminology, adhering to the International Code of Signals, and utilizing telemedical procedures. **LO3**: Identify and assess symptoms associated with common injuries and illnesses, such as burns, fractures, spinal injuries, bleeding, and shock. **LO4**: Carry out fundamental first aid procedures, such as cardiopulmonary resuscitation (CPR), wound management through dressing and bandaging, immobilization of fractures, and patient transportation methodologies. **LO5**: Implement suitable medical interventions in instances of poisoning, hazardous material exposure, and other onboard health hazards in accordance with the Medical First Aid Guide (MFAG). **LO6**: Oversee patient care onboard for both acute and chronic medical conditions, including tropical, infectious, and sexually transmitted diseases. **LO7**: Provide emergency medical assistance for exceptional cases, including pregnancy, childbirth, dental emergencies, and psychological conditions. **LO8**: Implement preventive health and hygiene measures, including vaccination, disinfection, pest control, and environmental monitoring on board. **LO9**: Maintain accurate medical records and documentation in compliance with international and national maritime medical regulations. **LO10**: Collaborate with external medical services for radio medical advice, medical evacuation, and coordination with port health authorities.

Content of the Course

Week	*Subject*
1	**Introduction to Maritime First Aid and Medical Communication** Terminology and related maritime English terms Overview of medical communication in English Anatomy of the human body and basic terminology
2	**Diseases, Medicines, and Medical Communication at Sea** Terminology and related maritime English terms Common illnesses and medications Communication procedures in medical emergencies
3	**International Medical Documentation and Guides** Terminology and related maritime English terms International Code of Signals (Medical Pages) International Medical Guide for Ships (IMGS) and related publications
4	**Fundamentals of First Aid on Board** Terminology and related maritime English terms Immediate first aid in case of accident or illness Shipboard first aid kit: content and usage
5	**Anatomy, Physiology, and Toxic Hazards** Terminology and related maritime English terms Structure and functions of the human body Use of MFAG (Medical First Aid Guide for Accidents Involving Dangerous Goods) Toxic hazards on board
6	**Patient Examination and Emergency Scenarios** Terminology and related maritime English terms Examination of casualties Spinal injuries, burns, scalds, effects of heat and cold
7	**Musculoskeletal and Respiratory Emergencies** Terminology and related maritime English terms Fractures, dislocations, muscle injuries Heart attack, drowning, asphyxia
8	**Pharmacology and Sterilization in Shipboard Medical Care** Terminology and related maritime English terms Principles of pharmacology Sterilization and infection control
9	**Medical Care on Board – Trauma and Injuries** Terminology and related maritime English terms Head and spinal injuries ENT and eye injuries External and internal bleeding Wound management and infection prevention
10	**Medical Care on Board – Trauma and Injuries** Terminology and related maritime English terms Head and spinal injuries ENT and eye injuries External and internal bleeding Wound management and infection prevention
11	**Medical Care on Board – Clinical Cases**

	Terminology and related maritime English terms Burns, cold injuries, fractures, and acute abdominal diseases Pain management, suturing, and bandaging techniques Minor surgical treatments
12	**Hygiene, Sanitation, and Preventive Medicine** Terminology and related maritime English terms Hygiene practices on board Disinfection, fumigation, rat control Vaccination and disease prevention
13	**Records, Regulations, and External Assistance** Terminology and related maritime English terms Medical record-keeping International and national maritime medical regulations External medical assistance and coordination Radio medical advice and its application
14	**Records, Regulations, and External Assistance** Terminology and related maritime English terms Medical record-keeping International and national maritime medical regulations External medical assistance and coordination Emergency evacuation and transportation of the patient with helicopters or any other vehicles
15	**Review, Case Studies, and Final Assessment** Integrated medical scenarios Case study discussions (injuries, diseases, evacuations) Course wrap-up and final evaluation

Methods and Techniques used in the Course

Lectures & Multimedia Presentations – Theoretical concepts related to anatomy, medical conditions, and first aid procedures are taught with visual aids, slides, and videos.

Classroom Discussions & Case Studies – Students analyze real-life maritime medical incidents to enhance problem-solving and decision-making skills.

Demonstrations & Practical Exercises – First aid techniques such as CPR, bandaging, fracture immobilization, and patient transport are demonstrated and practiced in a controlled environment.

Simulation-Based Training – Use of medical manikins, emergency kits, and shipboard scenarios to simulate accidents, hazardous material exposure, and medical emergencies at sea.

Role-Playing & Communication Drills – Students practice radio medical advice, use of International Code of Signals, and medical communication in English.

Group Work & Peer Learning – Collaborative activities to foster teamwork in providing first aid and patient care on board.

Use of Training Manuals & Guidelines – Application of the *Medical First Aid Guide (MFAG)*, *International Medical Guide for Ships (IMGS)*, and national maritime health publications.

Laboratory & Hands-on Training – Practice of sterilization, suturing, wound dressing, and use of medical equipment.

Assessment-Oriented Activities – Quizzes, oral questioning, and scenario-based evaluations to reinforce learning outcomes.

Sample Questions

Multiple Choice Questions (MCQs)

- Which of the following is the primary purpose of the *Medical First Aid Guide for Use in Accidents Involving Dangerous Goods (MFAG)*?

  a) To provide guidelines for patient nutrition at sea

  b) To assist in treating illnesses caused by poor hygiene

  c) To provide first aid instructions in cases of hazardous material exposure

  d) To guide the communication protocol with port authorities

- Which of the following is NOT a recommended step when treating a spinal injury on board?

  a) Keep the patient still and immobilize the spine

  b) Move the patient quickly to avoid further injury

  c) Use a rigid stretcher if available

  d) Avoid unnecessary movement of the head and neck

- What is the main purpose of sterilization in medical care on ships?

  a) Pain reduction

  b) Prevention of infection

  c) Faster wound healing

  d) Relief of stress for the patient

Short-Answer Questions

- List three essential items that should be found in a ship's first aid kit.
- Explain the difference between *first aid* and *medical care* on board.
- Identify two common tropical diseases that seafarers should be aware of and describe one method of prevention for each.

Materials Used in the Course

Textbooks and Official Guides

- Lecturer Notes, Related IMO Model Courses and STCW (Standards of Training, Certification, and Watchkeeping) manuals.
- International Medical Guide for Ships (IMGS), the Medical First Aid Guide for Use in Accidents Involving Dangerous Goods (MFAG), and the medical pages of the International Code of Signals.

Supplementary Resources

- Instructional videos
- Interactive simulations
- Standard shipboard first aid kits and medical chests.
- Mannequins for CPR and first aid practice.
- Splints, stretchers, bandages, dressings, sterilization, and immobilization devices.
- Simulation equipment for burns, fractures, and trauma care.

All the above listed books are available at UoK's Grand Library

Program Outcomes Matrix

	Program Outcomes	*Level of Contribution				Targeted Competence Areas
		0	1	2	3	
1	Demonstrate fundamental knowledge of maritime business, shipping operations, port management, and international logistics.				✓	Maritime Business & Operations
2	Apply principles of management, economics, and finance to ship operations, chartering, brokerage, and maritime organizational decision-making.				✓	Maritime Economics & Management
3	Understand and interpret international maritime law, conventions, and trade regulations including SOLAS, MARPOL, UNCLOS, and INCOTERMS.				✓	Maritime Law & Policy
4	Plan and manage port and terminal operations efficiently, considering cargo handling systems, port logistics, and intermodal transport networks.				✓	Port & Terminal Operations Management
5	Employ digital tools and data-driven approaches in ship management, fleet performance monitoring, and maritime logistics systems.				✓	Digital Maritime Operations
6	Integrate sustainability, environmental protection, and decarbonization principles into maritime and logistics operations in line with IMO GHG strategy.			✓		Sustainability & Green Shipping
7	Demonstrate competence in maritime risk assessment, safety management systems (ISM Code), and crisis response in ship and shore-based contexts.			✓		Safety & Risk Management
8	Exhibit leadership, teamwork, and communication skills necessary for multicultural and interdisciplinary maritime organizations.				✓	Leadership & Intercultural Communication
9	Apply marketing, logistics, and supply chain strategies to global shipping and maritime transport sectors.				✓	Global Logistics & Supply Chain Management
10	Prepare and analyze charter parties, bills of lading, and other shipping documents while managing cargo claims and marine insurance issues.				✓	Maritime Documentation & Insurance
11	Utilize effective business English and Maritime English for negotiation, correspondence, and documentation within international maritime contexts.			✓		Maritime Communication & Professional English
12	Demonstrate ethical awareness, corporate responsibility, and adherence to international professional standards in maritime and logistics management.			✓		Ethics & Corporate Responsibility
13	Develop research skills and analytical thinking to identify, evaluate, and solve complex problems in maritime transport and logistics systems.			✓		Analytical Thinking & Research Skills
14	Adapt to innovations such as digitalization, automation, and smart shipping technologies through continuous professional development.				✓	Innovation & Lifelong Learning
15	Apply entrepreneurship and strategic management principles to establish or develop maritime-related enterprises in a competitive global environment.			✓		Entrepreneurship & Strategic Management

***0:** No Contribution **1:** Little Contribution **2:** Partial Contribution **3:** Full Contribution

Program Outcomes /Course Learning Outcomes Matrix **Level of Contribution**:**0**-No Contribution **1**-Little Contribution **2**-Partial Contribution **3**-Full Contribution										
PO	**CLO1**	**CLO2**	**CLO3**	**CLO4**	**CLO5**	**CLO6**	**CLO7**	**CLO8**	**CLO9**	**CLO10**
PO1	1	1	1	1	1	1	1	1	1	1
PO2	1	1	1	1	1	1	1	1	1	1
PO3	3	3	3	3	3	3	3	3	3	3
PO4	0	0	0	0	0	0	0	0	0	0
PO5	2	2	2	2	2	2	2	2	2	2
PO6	2	2	2	2	2	2	2	2	2	2
PO7	1	1	1	1	1	1	1	1	1	1
PO8	1	1	1	1	1	1	1	1	1	1
PO9	1	1	1	1	1	1	1	1	1	1
PO10	3	3	3	3	3	3	3	3	3	3
PO11	2	2	2	2	2	2	2	2	2	2
PO12	2	2	2	2	2	2	2	2	2	2
PO13	1	1	2	3	3	2	1	1	1	3
PO14	1	1	2	3	3	2	1	1	1	3
PO15	1	1	2	3	3	2	1	1	1	3

Course Learning Outcomes/ Evaluation Method		
CLO	**Teaching Method**	**Assessment Method**
LO1	Lectures, Practical Applications, Case Studies, and Discussions	Midterm Exam, Practical Exam, Final Exam, Assignment
LO2	Lectures, Practical Applications, Case Studies, and Discussions	Midterm Exam, Practical Exam, Final Exam, Assignment
LO3	Lectures, Practical Applications, Case Studies, and Discussions	Midterm Exam, Practical Exam, Final Exam, Assignment
LO4	Lectures, Practical Applications, Case Studies, and Discussions	Midterm Exam, Practical Exam, Final Exam, Assignment
LO5	Lectures, Practical Applications, Case Studies, and Discussions	Midterm Exam, Practical Exam, Final Exam, Assignment
LO6	Lectures, Practical Applications, Case Studies, and Discussions	Midterm Exam, Practical Exam, Final Exam, Assignment
LO7	Lectures, Practical Applications, Case Studies, and Discussions	Midterm Exam, Practical Exam, Final Exam, Assignment
LO8	Lectures, Practical Applications, Case Studies, and Discussions	Midterm Exam, Practical Exam, Final Exam, Assignment
LO9	Lectures, Practical Applications, Case Studies, and Discussions	Midterm Exam, Practical Exam, Final Exam, Assignment
LO10	Lectures, Practical Applications, Case Studies, and Discussions	Midterm Exam, Practical Exam, Final Exam, Assignment

ECTS / Workload Table			
Activities	**Number**	**Duration (Hours)**	**Total Workload**
Preparation for lectures	**15**	**1**	**15**
Lectures	**15**	**2**	**30**
Midterm Exam	**1**	**1**	**1**
Preparation for Midterm Exam	**1**	**5**	**5**
Final Exam	**1**	**1**	**1**
Preparation for Final Exam	**1**	**5**	**5**
Presentation(s)	-	-	-
Preparation for Presentation(s)	-	-	-
Research for Project(s)/Essay(s)	-	-	-
Project Writing	-	-	-
Group Work	-	-	-
In-class Discussion(s)	**15**	**1**	**15**
Quiz(es)	-	-	-
Preparation for Quiz(es)	-	-	-
Laboratory	**15**	**1**	**15**
Assignment(s)/Homework/Class Works	-	-	-
Micro-Teaching Sessions	-	-	-
Lesson Planning	-	-	-
Materials Adaptation	-	-	-
Material Development	-	-	-
Draft Preparation	-	-	-
Drawing	-	-	-
Essay Writing	-	-	-
Tutorial(s)	-	-	-
Portfolio Preparation	-	-	-
Portfolio Presentation	-	-	-
Total Workload			**87**
ECTS Credit			**3**

Evaluation System		
Semester Requirements	**Number**	**Percentage of Grade**
Attendance/Participation	1	10
Laboratory	-	-
Application	1	40
Field Work	-	-
Special Course Internship (Work Placement)	-	-
Assignment(s)/Homework/Class Works	-	-
Providing reliability and motivation of the individual homework completion and Submission	-	-
Presentation/Jury	-	-
Project	-	-
Quiz	-	-
Midterms/Oral Exams	1	20
Final/Oral Exams	1	30
Total	**4**	**100**

	Percentage	**Course Grade**	**Coefficient**
Grading Policy	90-100	AA	4.0
	85-89	BA	3.5
	80-84	BB	3.0
	75-79	CB	2.5
	70-74	CC	2.0
	60-69	DC	1.5
	50-59	DD	1.0
	49 and below	FF	0.0
	Less than 70% attendance	NA	-
Course Requirements and Policies	• Alerted attendance at the lectures is essential! • Students are expected to check the instructor's web page frequently for the course announcements. • The University of Kyrenia honor code will be strictly enforced regarding any issues concerning cheating.		

University of Kyrenia

Faculty of Maritime Studies

Maritime Management

Syllabus

Course name: Port and Terminal Operations							
Code	**Year**	**Semester**	**Credit**	**ECTS**	**Course application, Hour/Week**		
					Theoretical	**Application**	**Laboratory**
MMD204	II	Spring	3	3	3	0	0
Course type: Compulsory				**Prerequisite: x**		**Language:** English	
% Contribution to the Professional Fundamental Component				**Basic Sciences**	**Engineering Science**	**Engineering Design**	**General Education**
				-	-	-	100
Course Venue and Time				Wednesday / 13:30 – 16:20			
Instructor information				**Assist. Prof. Dr. Pınar Sharghi** Faculty of Maritime Studies Wednesday / 09:00 - 12:00 +90 (392) 650 26 00 / 4120 pinar.sharghi@kyrenia.edu.tr www.kyrenia.edu.tr			

Course Description	This course provides a comprehensive introduction to the operations, management, and functional roles of ports and terminals within the global maritime transport system. Students will explore the concepts of ports, terminals, and hinterlands, including their infrastructure, administration, and key stakeholders. The course covers the types of ports and terminals, components of terminal facilities, and daily operational processes, with particular emphasis on cargo handling techniques and equipment for containers, bulk, liquid, and Ro-Ro cargoes. Safety, efficiency, and environmental considerations in terminal operations are also addressed. In addition, students will gain an understanding of maritime markets, including liner and tramp shipping services, freight and chartering practices, and the preparation and use of shipping documentation. Topics such as charter party contracts, Incoterms, shipping agents, shipbrokers, and flags of convenience are integrated to provide a complete overview of the operational and commercial aspects of maritime logistics. Through lectures, case studies, practical exercises, and a term project, students will develop the theoretical knowledge and practical skills required for effective management and operations of ports and terminals, preparing them for professional careers in maritime transport, logistics, and port management.
Course Aims and Objectives	The primary aim of this course is to provide students with a thorough understanding of port and terminal operations within the global maritime transport system. The course focuses on developing both theoretical knowledge and practical skills related to port infrastructure, terminal management, cargo handling, and maritime markets, preparing students for professional roles in port operations, shipping logistics, and maritime management. • **Define ports and terminals** and explain their roles and functions within the maritime transport system. • **Differentiate between types of ports and terminals** and describe their key components. • **Explain port ownership and administration models**, and identify the main stakeholders in port operations. • **Describe port and terminal services**, including cargo handling, storage, and operational support.

	• **Understand hinterlands and their relationship with ports**, including types of hinterlands. • **Demonstrate knowledge of terminal operations** and cargo handling equipment for containers, bulk, liquid, and Ro-Ro cargoes. • **Explain the characteristics of maritime markets**, including liner and tramp shipping operations. • **Understand freight markets and chartering practices**, including voyage, time, and bareboat charters. • **Interpret and apply shipping documentation**, including charter party contracts, Bills of Lading, and Incoterms. • **Analyze port and terminal case studies**, integrating operational, commercial, and logistical aspects to propose practical solutions.
Course Learning Outcomes	**LO1:** Define and describe ports and terminals and explain their functions within maritime transport. **LO2:** Differentiate between types of ports and terminals and identify key components and infrastructure. **LO3:** Explain port ownership and administration models and identify key stakeholders. **LO4:** Describe port and terminal services, including cargo handling and operational processes. **LO5:** Analyze the concept of hinterlands and their impact on port operations. **LO6:** Demonstrate knowledge of terminal operations and cargo handling equipment for container, bulk, liquid, and Ro-Ro cargo. **LO7:** Explain maritime markets, including the characteristics and operational differences of liner and tramp shipping. **LO8:** Understand freight markets and chartering practices, including voyage, time, and bareboat charters. **LO9:** Interpret and apply shipping documentation, including Bills of Lading, Incoterms, and charter party contracts. **LO10:** Integrate theoretical knowledge with practical scenarios through case studies and project work.

Content of the Course

Week	*Subject*
1	**Introduction to Ports and Terminals** • What is a port? • Port system and port types (natural, artificial, deep-sea, coastal) • Roles and functions of ports
2	**Port Ownership and Administration** • Port ownership models: public, private, and public-private partnerships • Port administration and governance • Key stakeholders in port operations
3	**Port and Terminal Services** • Definition and classification of port services • Terminal services and operations overview • Key port users: shipping lines, cargo owners, agents
4	**Hinterland and Terminal Concepts** • Definition of hinterland and types (local, regional, global) • Relationship between ports and hinterlands • Terminal vs. port: definitions and distinctions
5	**Types of Terminals and Components** • Types of terminals: container, bulk, Ro-Ro, general cargo, tanker, multipurpose • Components of terminals according to type • Introduction to cargo handling equipment
6	**Port and Terminal Operations I** • Daily port and terminal operations • Vessel arrival, berthing, and departure procedures • Coordination with pilots, tugs, and port authorities
7	**Port and Terminal Operations II** • Terminal operations planning • Cargo handling processes • Safety, security, and environmental considerations
8	**Terminal Operations and Cargo Handling Equipment I** • Container handling operations: quay cranes, yard cranes, forklifts • Bulk cargo handling: grab cranes, conveyor systems, hoppers • General cargo operations
9	**Terminal Operations and Cargo Handling Equipment II** • Liquid cargo and tanker operations • Ro-Ro operations and specialized handling • Maintenance, safety, and efficiency in cargo handling **Introduction to Maritime Markets** • Overview of maritime trade markets

	• Liner service: characteristics, schedules, and route planning • Tramp shipping: operational differences from liner service
10	**Introduction to Maritime Markets** • Overview of maritime trade markets • Liner service: characteristics, schedules, and route planning • Tramp shipping: operational differences from liner service
11	**Freight and Chartering Overview** • Freight markets and price determination • Chartering concepts and types: voyage, time, and bareboat charters • Elements of charter party contracts
12	**Chartering Negotiations and Shipping Documents** • Offer and counter-offer methods • Common abbreviations and terminology in freight • Shipping documents: NOR, SOF, Time Sheet, Mate's Receipt, Manifest, Loading Order
13	**Trade Terms, Agents, and Brokers** • International trade terms: Incoterms 2020 • Roles and types of shipping agents • Shipbrokers and Flags of Convenience (FOC)
14	**Freight Conferences and Maritime Organizations** • Freight conferences: purpose, operation, and regulation • Overview of international maritime organizations (IMO, UNCTAD, ICS) • Case studies and application exercises
15	**Course Review and Final Exam** • Review of all key concepts: ports, terminals, cargo handling, chartering, and maritime markets • Discussion of case studies • Final examination

Methods and Techniques used in the Course

Lectures and Theoretical Instruction

- Instructor-led presentations introducing port and terminal concepts, types, infrastructure, and operations.
- Explanation of maritime markets, liner and tramp shipping, and chartering principles.
- Integration of real-world examples from ports and shipping companies.

Interactive Classroom Discussions

- Guided discussions on port ownership models, stakeholder roles, and operational challenges.
- Analysis of port and terminal services, cargo handling, and hinterland connectivity.
- Q&A sessions to reinforce learning and clarify complex concepts.

Case Studies and Scenario-Based Learning

- Examination of real-world port and terminal operations, including cargo handling, berthing, and storage.
- Analysis of maritime markets, liner and tramp operations, and freight contracts.
- Problem-solving exercises simulating operational, logistical, or commercial challenges.

Practical Demonstrations

- Use of diagrams, charts, and models to illustrate terminal components and cargo handling equipment.
- Demonstrations of container, bulk, liquid, and Ro-Ro cargo handling processes.
- Visualization of port layouts, terminal operations, and equipment deployment.

Multimedia and Digital Learning

- Instructional videos of port and terminal operations, cargo handling, and vessel movements.
- Interactive maps and virtual tours of major ports, terminals, and global shipping routes.
- Online resources for shipping documentation, chartering, and freight markets.

Group Activities and Collaborative Learning

- Team-based assignments analyzing terminal operations, port efficiency, or maritime trade scenarios.
- Peer discussions on freight markets, charter party contracts, and operational decisions.
- Collaborative problem-solving exercises simulating real-world port and terminal challenges.

Independent Learning

- Reading assignments from textbooks, industry reports, and online sources.
- Research tasks on port operations, shipping documentation, and maritime markets.
- Preparation for term projects and presentations.

Term Project and Presentations

- Individual or group projects analyzing a specific port, terminal, or shipping operation.
- Oral presentations to develop communication skills and practical understanding.
- Integration of theoretical knowledge with applied operational analysis.

Sample Questions

Multiple-Choice Questions (MCQs)

- Which of the following best describes a terminal in a port?

  a) A storage facility located inland only

  b) A dedicated area within a port where cargo handling and vessel operations take place

  c) A passenger cruise facility only

  d) A shipping company's administrative office

- Which type of terminal is primarily used for containerized cargo?

  a) Bulk terminal

  b) Ro-Ro terminal

  c) Container terminal

  d) Liquid terminal

- The hinterland of a port refers to:

  a) The navigable waters surrounding the port

  b) The inland area served by the port for cargo distribution

  c) The docks and berths within the port

  d) The passenger facilities at the port

- Which of the following is a key difference between liner and tramp shipping?

  a) Liner shipping operates on fixed schedules and routes, tramp shipping does not

  b) Tramp shipping always carries containers

  c) Liner shipping is exclusively for bulk cargo

  d) Tramp shipping follows pre-determined schedules

- A Bill of Lading serves as:

  a) A contract of carriage, receipt of goods, and document of title

  b) Only a cargo receipt

  c) Only a financial document

  d) Only a shipping schedule

Short Answer Questions

- Define a port and explain its main functions within maritime transport.
- List three types of terminals and describe their main characteristics.
- Explain the concept of hinterland and its importance for port operations.

- What are the main services provided by ports and terminals?
- Differentiate between liner and tramp shipping operations.

Long-Form / Essay Questions

- Discuss the roles of ports and terminals in global trade, emphasizing their infrastructure and operational functions.
- Explain the different port ownership and administration models and how they affect port efficiency.
- Analyze the operational differences between container, bulk, and Ro-Ro terminals.
- Describe the components and key equipment used in cargo handling operations at terminals.
- Evaluate the impact of chartering, freight markets, and maritime documentation on port operations and shipping efficiency.

Scenario-Based / Practical Questions

- You are assigned to plan operations at a new container terminal. Describe the key infrastructure, equipment, and workflow considerations.
- A bulk carrier arrives at a port with limited berthing capacity. How would terminal operations and cargo handling be managed efficiently?
- A port is located near a major industrial hinterland. Explain how this affects port throughput and service planning.
- Analyze a scenario where a shipping company switches from tramp service to liner service. What operational adjustments are needed at the port and terminal level?
- You are reviewing the shipping documentation for a vessel's cargo. Identify the key documents to verify and their purposes.

True/False Questions

- **T/F:** All ports and terminals are publicly owned.
- **T/F:** Ro-Ro terminals are designed to handle wheeled cargo such as vehicles.
- **T/F:** Liner shipping follows fixed schedules and designated routes.
- **T/F:** The hinterland of a port only includes the immediate waterfront area.
- **T/F:** Cargo handling equipment varies depending on the type of terminal and cargo.

Materials Used in the Course

Primary Textbooks

- **Notteboom, T. & Rodrigue, J.-P.** *Port Management and Operations*, 2nd Edition. Routledge, 2020.
- **Lam, J. S. L. & Yap, W. Y.** *Maritime Logistics: A Guide to Contemporary Shipping and Port Management*. Springer, 2019.
- **Brooks, M. R.** *The Shipping and Port Management Handbook*. Kogan Page, 2018.

Recommended References

- **UNCTAD (United Nations Conference on Trade and Development)** – *Review of Maritime Transport*, Annual Reports.
- **Stopford, M.** *Maritime Economics*, 4th Edition. Routledge, 2020.
- **Notteboom, T.** *Container Terminals and Port Operations*. Routledge, 2016.
- **International Maritime Organization (IMO)** – Port and Terminal Safety Guidelines, ISPS Code.
- **Port Authorities Publications** – Operational manuals, annual reports, and port statistics from major global ports (e.g., Rotterdam, Singapore, Hamburg).

Supplementary Learning Materials

- Online shipping and port databases (e.g., MarineTraffic, IHS Markit)
- Instructional videos on terminal operations and cargo handling equipment
- Case studies on container, bulk, liquid, and Ro-Ro terminal operations

All the above listed books are available at UoK's Grand Library

Program Outcomes Matrix

	Program Outcomes	*Level of Contribution				Targeted Competence Areas
		0	1	2	3	
1	Demonstrate fundamental knowledge of maritime business, shipping operations, port management, and international logistics.				✓	Maritime Business & Operations
2	Apply principles of management, economics, and finance to ship operations, chartering, brokerage, and maritime organizational decision-making.				✓	Maritime Economics & Management
3	Understand and interpret international maritime law, conventions, and trade regulations including SOLAS, MARPOL, UNCLOS, and INCOTERMS.				✓	Maritime Law & Policy
4	Plan and manage port and terminal operations efficiently, considering cargo handling systems, port logistics, and intermodal transport networks.				✓	Port & Terminal Operations Management
5	Employ digital tools and data-driven approaches in ship management, fleet performance monitoring, and maritime logistics systems.				✓	Digital Maritime Operations
6	Integrate sustainability, environmental protection, and decarbonization principles into maritime and logistics operations in line with IMO GHG strategy.			✓		Sustainability & Green Shipping
7	Demonstrate competence in maritime risk assessment, safety management systems (ISM Code), and crisis response in ship and shore-based contexts.			✓		Safety & Risk Management
8	Exhibit leadership, teamwork, and communication skills necessary for multicultural and interdisciplinary maritime organizations.				✓	Leadership & Intercultural Communication
9	Apply marketing, logistics, and supply chain strategies to global shipping and maritime transport sectors.				✓	Global Logistics & Supply Chain Management
10	Prepare and analyze charter parties, bills of lading, and other shipping documents while managing cargo claims and marine insurance issues.				✓	Maritime Documentation & Insurance
11	Utilize effective business English and Maritime English for negotiation, correspondence, and documentation within international maritime contexts.			✓		Maritime Communication & Professional English
12	Demonstrate ethical awareness, corporate responsibility, and adherence to international professional standards in maritime and logistics management.			✓		Ethics & Corporate Responsibility
13	Develop research skills and analytical thinking to identify, evaluate, and solve complex problems in maritime transport and logistics systems.			✓		Analytical Thinking & Research Skills
14	Adapt to innovations such as digitalization, automation, and smart shipping technologies through continuous professional development.				✓	Innovation & Lifelong Learning
15	Apply entrepreneurship and strategic management principles to establish or develop maritime-related enterprises in a competitive global environment.			✓		Entrepreneurship & Strategic Management

***0:** No Contribution **1:** Little Contribution **2:** Partial Contribution **3:** Full Contribution

Program Outcomes /Course Learning Outcomes Matrix **Level of Contribution**:**0**-No Contribution **1**-Little Contribution **2**-Partial Contribution **3**-Full Contribution										
	LO1	**LO2**	**LO3**	**LO4**	**LO5**	**LO6**	**LO7**	**LO8**	**LO9**	**L10**
PO1	3	3	2	2	2	1	3	2	2	2
PO2	3	3	3	2	2	1	2	1	2	1
PO3	2	3	1	3	3	2	1	3	1	1
PO4	2	2	1	2	3	3	2	2	2	2
PO5	1	2	2	1	1	2	2	2	3	3
PO6	1	2	1	2	1	1	2	3	2	2
PO7	1	1	1	1	1	3	2	2	3	3
PO8	1	1	3	1	1	1	2	1	2	1
PO9	1	1	2	1	1	1	1	1	2	2
PO10	2	2	1	2	3	3	2	2	2	2
PO11	1	2	2	1	1	2	2	2	3	3
PO12	1	2	1	2	1	1	2	3	2	2
PO13	3	3	3	2	2	1	2	1	2	1
PO14	2	3	1	3	3	2	1	3	2	2
PO15	1	2	1	2	2	3	2	2	3	3

Course Learning Outcomes/ Evaluation Method		
Course Learning Outcomes (CLOs)	**Teaching Method**	**Assessment Method**
LO1 Define and describe ports and terminals and explain their functions within maritime transport.	Lectures, diagrams, case studies	Quizzes, short-answer questions, class participation
LO2 Differentiate between types of ports and terminals and identify key components and infrastructure.	Lectures, multimedia presentations, practical demonstrations	Written assignments, quizzes, practical exercises
LO3 Explain port ownership and administration models and identify key stakeholders.	Lectures, group discussions, case studies	Short essays, class participation, quizzes
LO4 Describe port and terminal services, including cargo handling and operational processes.	Lectures, case studies, demonstrations	Practical assignments, written exams, scenario-based exercises
LO5 Analyze the concept of hinterlands and their impact on port operations.	Lectures, interactive maps, discussions	Short-answer questions, assignments, quizzes
LO6 Demonstrate knowledge of terminal operations and cargo handling equipment for containers, bulk, liquid, and Ro-Ro cargo.	Demonstrations, videos, practical exercises	Practical evaluation, observation, project work
LO7 Explain maritime markets, including the characteristics and operational differences of liner and tramp shipping.	Lectures, case studies, group discussions	Quizzes, written assignments, scenario analysis
LO8 Understand freight markets and chartering practices, including voyage, time, and bareboat charters.	Lectures, case studies, simulations	Written assignments, short essays, practical exercises
LO9 Interpret and apply shipping documentation, including Bills of Lading, Incoterms, and charter party contracts.	Lectures, demonstrations, document analysis	Written exams, practical exercises, scenario-based assessments
LO10 Integrate theoretical knowledge with practical scenarios through case studies and project work.	Term project, case studies, group work	Project reports, oral presentations, performance evaluation

ECTS / Workload Table			
Activities	**Number**	**Duration (Hours)**	**Total Workload**
Preparation for lectures	-	-	-
Lectures	**15**	**3**	**45**
Midterm Exam	**1**	**2**	**2**
Preparation for Midterm Exam	**1**	**15**	**15**
Final Exam	**1**	**2**	**2**
Preparation for Final Exam	**1**	**15**	**15**
Presentation(s)	-	-	-
Preparation for Presentation(s)	-	-	-
Research for Project(s)/Essay(s)	-	-	-
Project Writing	-	-	-
Group Work	-	-	-
In-class Discussion(s)	**15**	**1**	**15**
Quiz(es)	-	-	-
Preparation for Quiz(es)	-	-	-
Laboratory	-	-	-
Assignment(s)/Homework/Class Works	**1**	**15**	**15**
Micro-Teaching Sessions	-	-	-
Lesson Planning	-	-	-
Materials Adaptation	-	-	-
Material Development	-	-	-
Draft Preparation	-	-	-
Drawing	-	-	-
Essay Writing	-	-	-
Tutorial(s)	-	-	-
Portfolio Preparation	-	-	-
Portfolio Presentation	-	-	-
Total Workload			**109**
ECTS Credit			**3**

Evaluation System		
Semester Requirements	**Number**	**Percentage of Grade**
Attendance/Participation	15	10
Laboratory	-	-
Application	-	-
Field Work	-	-
Special Course Internship (Work Placement)	-	-
Homework/Assignments	1	10
Providing reliability and motivation of the individual homework completion and Submission	-	-
Presentation/Jury	-	-
Project	-	-
Quiz	-	-
Midterms/Oral Exams	1	30
Final/Oral Exams	1	50
Total	**4**	**100**

	Percentage	**Course Grade**	**Coefficient**
Grading Policy	90-100	AA	4.0
	85-89	BA	3.5
	80-84	BB	3.0
	75-79	CB	2.5
	70-74	CC	2.0
	60-69	DC	1.5
	50-59	DD	1.0
	49 and below	FF	0.0
	Less than 70% attendance	NA	-
Course Requirements and Policies	• Alerted attendance at the lectures is essential! • Students are expected to check frequently the instructor's web page for the course announcements. • University of Kyrenia honor code will be strictly enforced regarding any issues concerning cheating.		

University of Kyrenia

Faculty of Maritime Studies

Maritime Management

Syllabus

Course name: Electronic Aids to Navigation							
Code	**Year**	**Semester**	**Credit**	**ECTS**	**Course application, Hour/Week**		
					Theoretical	**Application**	**Laboratory**
NAV204	II	Spring	3	5	2	2	0
Course type: Compulsory				**Prerequisite: x**		**Language:** English	
% Contribution to the Professional Fundamental Component				**Basic Sciences**	**Engineering Science**	**Engineering Design**	**General Education**
				60	-	-	40
Course Venue and Time				Wednesday 12.30-16.20			
Instructor information				**Cpt. Caner Özbilgiç** Faculty of Maritime Studies Wednesday / 09:00 - 12:00 +90 (392) 650 26 00 / 4040 caner.ozbilgic@kyrenia.edu.tr www.kyrenia.edu.tr			

Course Description	This course provides students with a comprehensive understanding of modern electronic navigation systems. It covers the fundamental principles of electromagnetic wave propagation and their application in maritime navigation. Students will gain practical knowledge of various systems, including GPS and DGPS, as well as the structure, operation, and plotting techniques for Radar and ARPA. A significant portion of the course is dedicated to the ECDIS, focusing on its capabilities, limitations, and its role in safe navigation and situational awareness. The curriculum also includes an overview of bridge equipment, navigation records and logbooks, and essential voyage planning procedures, ensuring students are well-prepared to use these tools effectively and responsibly in a maritime environment.
Course Aims and Objectives	• **Comprehend Fundamental Principles:** Understand the principles of electromagnetic waves and their application in electronic navigation. • **Operate and Interpret Key Systems:** Effectively use and interpret data from essential electronic aids, including **GPS**, **DGPS**, **Radar**, and **ARPA**. • **Utilize ECDIS Proficiently:** Operate **ECDIS** (Electronic Chart Display and Information System) to ensure safe navigation, understanding its capabilities, limitations, and how to maintain situational awareness. • **Manage Bridge Equipment and Records:** Understand the function of various bridge control systems and manage navigation records and logbooks accurately. • **Plan Voyages Effectively:** Apply fundamental principles of **voyage planning** and navigate within **VTS (Vessel Traffic Services)** areas and procedures.
Course Learning Outcomes	**CLO1 – Fundamental Principles of Electromagnetic Waves** Understand and explain the basic principles of electromagnetic waves and their applications in modern electronic navigation systems. **CLO2 – Radar Operation** Demonstrate the ability to operate shipboard radar systems and interpret radar data accurately for safe navigation. **CLO3 – ARPA and Automatic Tracking** Operate Automatic Radar Plotting Aids (ARPA) and interpret tracking data to enhance situational awareness. **CLO4 – Satellite Navigation Systems** Utilize GPS, DGPS, and other satellite-based systems for accurate position fixing and navigation. **CLO5 – ECDIS Operation** Apply the Electronic Chart Display and Information System (ECDIS) to plan and execute voyages, understanding both its capabilities and limitations. **CLO6 – Data Analysis and Interpretation** Analyze and interpret navigation data, including radar plots, ECDIS alarms, and other electronic signals to ensure safe operations. **CLO7 – Bridge Equipment Management** Identify and operate standard bridge equipment while understanding their functions in navigation and ship handling.

	CLO8 – Voyage Planning and Execution Apply fundamental principles of voyage planning, considering route optimization, hazards, and VTS requirements. **CLO9 – Navigation Records and Documentation** Maintain accurate navigation records and logbooks, ensuring compliance with regulatory requirements. **CLO10 – Integrated Bridge Operations** Coordinate multiple bridge systems and tools to manage safe navigation and enhance situational awareness during watchkeeping.

Content of the Course

Week	*Subject*
1	**Introduction to Electronic Navigation** • Fundamentals of electromagnetic waves and their application to navigation • Overview of electronic position-finding systems
2	**Hyperbolic Navigation Systems** • Principles and applications of hyperbolic navigation • Transition to satellite-based navigation
3	**Satellite Navigation Systems** • Global Positioning System (GPS) and Differential GPS (DGPS) • Accuracy, errors, and correction methods
4	**Marine Radar Systems** • Structure, operation, and settings of radar • Basic principles of radar observation
5	**ARPA (Automatic Radar Plotting Aid)** • ARPA functionality and operational adjustments • Limitations and advantages of ARPA systems
6	**Radar Observation and Plotting Techniques** • Manual radar plotting methods (American and British approaches) • Maneuvering board applications for collision avoidance
7	**Automatic Radar Plotting and Tracking** • Automatic plotting techniques • Integration of radar and ARPA for enhanced safety
8	**Mid-Term Exam / Practical Assessment**
9	**ECDIS (Electronic Chart Display and Information System) Fundamentals** • Capabilities and limitations of ECDIS • Electronic chart data, accuracy, and display preferences
10	**ECDIS Operations and Safety Functions** • Safe monitoring and adjustment of navigational information • Alarm parameters, backup arrangements, and compliance with standards
11	**Integrated Navigation Systems** • Linking ECDIS with radar, AIS, and other sensors • Situational awareness, sensor integrity, and risk management
12	**Bridge Control and Steering Systems** • Bridge control systems overview • Steering gear and rudder equipment • Autopilot and emergency steering arrangements
13	**Bridge Record Keeping and Logbooks** • Types of navigational records and logbooks • Bridge logbook and other mandatory record-keeping practices • Automatic recording devices and digital systems
14	**Voyage Planning and VTS Procedures** • Principles of voyage planning • Vessel Traffic Service (VTS) areas and operational procedures • Application of electronic navigation tools in passage planning
15	**Final Exam / Project Presentation** • Comprehensive assessment covering electronic navigation systems, bridge equipment, and voyage planning

Methods and Techniques used in the Course

Theoretical Instruction

Lectures will introduce fundamental concepts, principles, and the operational theory behind various electronic navigation systems. Key topics, such as the physics of electromagnetic waves and the working principles of Radar, GPS, and ECDIS, will be delivered through presentations and in-class discussions.

Practical Application and Hands-on Training

A significant portion of the course is dedicated to practical skills development. Students will engage in:

- **Manual Plotting:** Using a maneuvering board to plot radar contacts and predict collision risks.
- **System Simulation:** Operating computer-based simulators to practice with **Radar**, **ARPA**, and **ECDIS**, enabling students to navigate in a controlled virtual environment.
- **Problem-Solving Exercises:** Applying theoretical knowledge to solve real-world navigation scenarios, including position fixing and voyage planning.

Assessment and Evaluation

Student learning will be evaluated through a combination of methods designed to test both theoretical knowledge and practical proficiency:

- **Midterm and Final Exams:** Comprehensive exams will assess the understanding of core concepts and theories.
- **Assignments and Exercises:** Regular homework and in-class assignments will reinforce learning and apply problem-solving techniques.
- **Performance-Based Assessments:** Practical tasks on simulators or during plotting exercises will be used to evaluate hands-on skills.

Sample Questions

- Explain the difference between *GPS* and *DGPS* in terms of accuracy, operational principles, and common applications in maritime navigation. Provide at least one real-life example where DGPS is preferred over GPS.
- A target vessel is detected by ARPA at a range of **8 NM** and bearing **045° relative** to own ship. After **12 minutes**, the target is at a range of **6 NM** and bearing **040° relative**.
- Determine the target's relative motion vector and assess if a risk of collision exists, using the radar plotting method.
- Suggest an appropriate avoiding action according to COLREGs.
- Describe three potential hazards of over-reliance on ECDIS and explain how each can be mitigated by proper bridge watchkeeping practices and integration with other navigational aids.
- List the essential entries that must be recorded in the *navigation logbook* during a voyage. Discuss why accurate and timely logkeeping is critical for both operational safety and legal compliance.
- You are assigned to prepare a voyage plan for a tanker passing through a VTS-controlled area. Identify the **four main stages of voyage planning** according to IMO guidelines, and explain what specific information related to VTS operations should be included in each stage.

Materials Used in the Course

- **Primary Textbooks and References**

  Bowditch, *American Practical Navigator*.

  IMO Model Course 1.07 – Radar, ARPA, Bridge Teamwork, and Search and Rescue.

  IMO Model Course 1.32 – ECDIS.

  Admiralty Manual of Navigation, Volume 1–2.

  IALA Guidelines on Vessel Traffic Services.

- **Electronic Navigation Equipment**

  GPS and DGPS receivers.

  ARPA-equipped radar systems.

  ECDIS (Electronic Chart Display and Information System) simulators.

  AIS (Automatic Identification System) interfaces.

  GMDSS communication equipment (for position verification and data input).

- **Charts and Publications**

  Official electronic navigational charts (ENCs).

  Raster navigational charts (RNCs).

  Admiralty List of Radio Signals (ALRS).

  Nautical Almanac (for celestial position verification).

- **Software and Simulation Tools**

  Radar and ARPA simulation software.

  ECDIS training modules with interactive route planning and monitoring functions.

  Maneuvering board plotting sheets.

- **Practical Training Materials**

  Sextant (for alternative position fixing demonstrations).

  Parallel rulers, dividers, and compasses for manual chart work.

  Sample logbooks and bridge record books.

- **Multimedia and Learning Resources**

  IMO and IALA training videos.

  Case studies of navigation incidents related to electronic systems.

  Manufacturer operation manuals for bridge equipment.

All the above listed books are available at UoK's Grand Library

Program Outcomes Matrix

	Program Outcomes	*Level of Contribution				Targeted Competence Areas
		0	1	2	3	
1	Demonstrate fundamental knowledge of maritime business, shipping operations, port management, and international logistics.				✓	Maritime Business & Operations
2	Apply principles of management, economics, and finance to ship operations, chartering, brokerage, and maritime organizational decision-making.				✓	Maritime Economics & Management
3	Understand and interpret international maritime law, conventions, and trade regulations including SOLAS, MARPOL, UNCLOS, and INCOTERMS.				✓	Maritime Law & Policy
4	Plan and manage port and terminal operations efficiently, considering cargo handling systems, port logistics, and intermodal transport networks.				✓	Port & Terminal Operations Management
5	Employ digital tools and data-driven approaches in ship management, fleet performance monitoring, and maritime logistics systems.				✓	Digital Maritime Operations
6	Integrate sustainability, environmental protection, and decarbonization principles into maritime and logistics operations in line with IMO GHG strategy.			✓		Sustainability & Green Shipping
7	Demonstrate competence in maritime risk assessment, safety management systems (ISM Code), and crisis response in ship and shore-based contexts.			✓		Safety & Risk Management
8	Exhibit leadership, teamwork, and communication skills necessary for multicultural and interdisciplinary maritime organizations.				✓	Leadership & Intercultural Communication
9	Apply marketing, logistics, and supply chain strategies to global shipping and maritime transport sectors.				✓	Global Logistics & Supply Chain Management
10	Prepare and analyze charter parties, bills of lading, and other shipping documents while managing cargo claims and marine insurance issues.				✓	Maritime Documentation & Insurance
11	Utilize effective business English and Maritime English for negotiation, correspondence, and documentation within international maritime contexts.			✓		Maritime Communication & Professional English
12	Demonstrate ethical awareness, corporate responsibility, and adherence to international professional standards in maritime and logistics management.			✓		Ethics & Corporate Responsibility
13	Develop research skills and analytical thinking to identify, evaluate, and solve complex problems in maritime transport and logistics systems.			✓		Analytical Thinking & Research Skills
14	Adapt to innovations such as digitalization, automation, and smart shipping technologies through continuous professional development.				✓	Innovation & Lifelong Learning
15	Apply entrepreneurship and strategic management principles to establish or develop maritime-related enterprises in a competitive global environment.			✓		Entrepreneurship & Strategic Management

***0:** No Contribution **1:** Little Contribution **2:** Partial Contribution **3:** Full Contribution

Program Outcomes /Course Learning Outcomes Matrix **Level of Contribution**:**0**-No Contribution **1**-Little Contribution **2**-Partial Contribution **3**-Full Contribution										
PO	**CLO1**	**CLO2**	**CLO3**	**CLO4**	**CLO5**	**CLO6**	**CLO7**	**CLO8**	**CLO9**	**CLO10**
PO1	3	3	3	3	3	3	2	3	2	2
PO2	2	2	2	3	2	2	2	2	3	2
PO3	3	2	2	3	3	3	2	3	2	3
PO4	2	2	2	2	3	2	3	2	2	2
PO5	3	3	3	3	3	3	2	3	3	3
PO6	2	2	2	2	2	2	2	2	2	2
PO7	1	1	1	1	2	1	2	2	1	2
PO8	1	1	1	1	1	1	1	1	1	1
PO9	1	1	1	2	1	1	1	2	1	2
PO10	2	2	2	2	2	2	2	2	2	3
PO11	1	1	1	1	2	1	1	1	1	2
PO12	1	1	1	1	1	1	1	1	1	2
PO13	1	1	2	3	3	2	1	1	1	3
PO14	1	1	2	3	3	2	1	1	1	3
PO15	1	1	2	3	3	2	1	1	1	3

Course Learning Outcomes/ Evaluation Method		
CLO	**Teaching Method**	**Assessment Method**
CLO1 – Fundamental Principles	Lecture, Multimedia Presentation, Case Studies	Quizzes, Assignments, Midterm Exam
CLO2 – Operate Navigation Systems	Hands-on Lab, Simulation, Demonstration	Practical Exams, Lab Reports, Assignments
CLO3 – Apply ECDIS for Safe Navigation	Simulation Exercises, Group Projects, Practical Demonstration	Practical Exams, Project Reports, Assignments
CLO4 – Analyze and Interpret Data	Problem-Solving Sessions, Simulation, Case Studies	Assignments, Quizzes, Practical Exercises
CLO5 – Manage Bridge Operations	Role-Playing, Simulation, Scenario-Based Exercises	Observation, Practical Exams, Project Reports
CLO6 – Radar & ARPA Interpretation	Lab Exercises, Simulation, Demonstration	Practical Exams, Assignments, Lab Reports
CLO7 – GPS/DGPS & Satellite Systems	Hands-on Lab, Tutorials, Simulation	Lab Reports, Practical Exams, Quizzes
CLO8 – Navigation Decision-Making	Case Studies, Scenario-Based Learning, Group Exercises	Assignments, Practical Exams, Participation
CLO9 – VTS & Reporting Systems	Lecture, Simulation, Demonstration	Quizzes, Assignments, Practical Exercises
CLO10 – Integration of Navigation Skills	Scenario-Based Exercises, Bridge Simulation, Group Projects	Project Reports, Practical Exams, Assignments

ECTS / Workload Table			
Activities	**Number**	**Duration (Hours)**	**Total Workload**
Preparation for lectures	**15**	**1**	**15**
Lectures	**15**	**4**	**60**
Midterm Exam	**1**	**2**	**2**
Preparation for Midterm Exam	**1**	**10**	**10**
Final Exam	**1**	**2**	**2**
Preparation for Final Exam	**1**	**10**	**10**
Presentation(s)	-	-	-
Preparation for Presentation(s)	-	-	-
Research for Project(s)/Essay(s)	-	-	-
Project Writing	-	-	-
Group Work	-	-	-
In-class Discussion(s)	**15**	**1**	**15**
Quiz(es)	-	-	-
Preparation for Quiz(es)	-	-	-
Laboratory	-	-	-
Assignment(s)/Homework/Class Works	**1**	**20**	**20**
Micro-Teaching Sessions	-	-	-
Lesson Planning	-	-	-
Materials Adaptation	-	-	-
Material Development	-	-	-
Draft Preparation	-	-	-
Drawing	-	-	-
Essay Writing	-	-	-
Tutorial(s)	-	-	-
Portfolio Preparation	-	-	-
Portfolio Presentation	-	-	-
Total Workload			**134**
ECTS Credit			**3**

Evaluation System		
Semester Requirements	**Number**	**Percentage of Grade**
Attendance/Participation	15	10
Laboratory	-	-
Application	-	-
Field Work	-	-
Special Course Internship (Work Placement)	-	-
Homework/Assignments	1	10
Providing reliability and motivation of the individual homework completion and Submission	-	-
Presentation/Jury	-	-
Project	-	-
Quiz	-	-
Midterms/Oral Exams	1	30
Final/Oral Exams	1	50
Total	**4**	**100**

	Percentage	**Course Grade**	**Coefficient**
Grading Policy	90-100	AA	4.0
	85-89	BA	3.5
	80-84	BB	3.0
	75-79	CB	2.5
	70-74	CC	2.0
	60-69	DC	1.5
	50-59	DD	1.0
	49 and below	FF	0.0
	Less than 70% attendance	NA	-
Course Requirements and Policies	• Alerted attendance at the lectures is essential! • Students are expected to check frequently the instructor's web page for the course announcements. • University of Kyrenia honor code will be strictly enforced regarding any issues concerning cheating.		

University of Kyrenia

Faculty of Maritime Studies

Maritime Management

Syllabus

Course name: Maritime Safety IV							
Code	**Year**	**Semester**	**Credit**	**ECTS**	**Course application, Hour/Week**		
					Theoretical	**Application**	**Laboratory**
SAF202	II	Spring	3	3	2	2	0
Course type: Compulsory				**Prerequisite: x**		**Language:** English	
% Contribution to the Professional Fundamental Component				**Basic Sciences**	**Engineering Science**	**Engineering Design**	**General Education**
				30	-	-	70
Course Venue and Time				Wednesday 14.30-17.20			
Instructor information				**Cpt. Çağrı Deliceırmak** Faculty of Maritime Studies Wednesday / 09:00 – 12:00 +90 (392) 650 26 00 / 4060 cagri.deliceirmak@kyrenia.edu.tr www.kyrenia.edu.tr			

Course Description	Maritime Safety IV provides advanced training in shipboard safety, emergency response, and crisis management for both crew and passengers. The course focuses on protective measures on passenger ships during maritime emergencies, fast rescue boat (FRB) operations, passenger and cargo safety, vessel stability, and effective use of safety equipment. Additionally, this course provides comprehensive training in collision, grounding, and evacuation procedures. Students will gain practical and theoretical knowledge to respond efficiently to emergencies on passenger ships, manage passengers in critical situations, operate lifesaving appliances, and uphold international maritime safety standards. The course will be conducted in accordance with the IMO Model Courses 1.24, 1.28, and 1.29, as well as the national regulation "Egitim Sinav Yonergesi 2025" of the Turkish Republic. Successful students will obtain mandatory STCW certificates of (1); Proficiency in Fast Rescue Boats, (2); Crowd Management, Passenger Safety, and Safety Training for Personnel Providing Direct Services to Passengers In Passenger Spaces, (3); Proficiency in Crisis Management and Human Behaviour Training, Including Passenger Safety, Cargo Safety, and Hull Integrity Training. The course emphasizes leadership, communication, and human behaviour management to ensure preparedness and safety in diverse maritime scenarios.
Course Aims and Objectives	The course aims to equip students with the advanced knowledge and practical skills necessary to ensure the safety of passengers, crew, and vessels in emergencies. It focuses on enhancing maritime safety awareness, improving emergency response capabilities, and fostering effective management of life-saving operations and safety equipment on board. • Comprehend and execute protocols for safeguarding passengers and crew members during maritime emergencies. • Acquire proficiency in the operation, launching, recovery, and management of fast rescue boats (FRBs) across diverse sea and weather conditions. • Oversee passenger evacuation procedures, manage crowd control, and ensure safety in accordance with international regulations. • Develop skills for effective communication, leadership, and human behavior management during crises.

	• Ensure proper handling and securing of cargo, maintenance of vessel stability, and management of hazardous materials. • Comprehend and implement protocols during emergencies, including collisions, groundings, beaching, and emergency evacuations. Conduct safety drills, risk assessments, and inspections to uphold shipboard safety and readiness.
Course Learning Outcomes	**LO1**: Demonstrate knowledge of maritime emergency response procedures for the protection of passengers and crew. **LO2**: Ensure the safe operation, launching, and recovery of Fast Rescue Boats (FRBs) across diverse sea and weather conditions. **LO3**: Implement crowd management, evacuation protocols, and passenger safety procedures, including aiding individuals with special needs. **LO4**: Utilize effective situational awareness, communication, and leadership skills to manage human behavior during onboard emergencies. **LO5**: Implement safe cargo handling, securing, stowage, and transfer techniques to maintain the stability of a passenger ship. **LO6**: Identify and mitigate risks associated with hazardous materials, dangerous goods, and other safety threats on passenger ships.

Content of the Course

Week	*Subject*
1	**Passenger Ship Safety – Crowd Management** Terminology and related maritime English terms Muster stations, assembly lists, and emergency instructions Role allocation and muster procedures Control in corridors, stairways, and escape routes Evacuation of disabled or special-needs passengers
2	**Passenger Ship Safety – Crowd Management** Terminology and related maritime English terms Instructions and management of passengers Panic prevention strategies Organizing evacuation, checks, and counting of evacuated people Safety checks on life jackets and passenger readiness
3	**Passenger Safety Training – Direct Service Personnel** Terminology and related maritime English terms Effective communication with passengers, the importance of English, and a common language Multilingual and non-verbal communication during emergencies Importance of multilingual emergency instructions Instructing and training passengers on the use of personal life-saving appliances Embarkation and disembarkation of disabled or special-needs passengers
4	**Crisis Management and Human Behaviour** Terminology and related maritime English terms Ship design, safety rules, and emergency plans Emergency organization, resource management, and leadership Behavioural responses in emergencies Controlling and managing stress and panic in emergencies Common passenger behaviour and responses in emergencies
5	**Passenger and Cargo Safety, Vessel Integrity** Terminology and related maritime English terms Loading, unloading, lifting, shifting, and securing cargo Handling of hazardous materials on Ro-Ro vessels Applying proper lashing methods to the vehicles Use of lashing equipment and compliance with safety regulations
6	**Passenger and Cargo Safety, Vessel Integrity** Terminology and related maritime English terms Stability, trim, and stress calculations on passenger and RORO ships Effects of ballast and fuel transfers Opening, closing, and securing vessel hatches, ramps, and doors Ventilation and monitoring the atmosphere in RORO vehicle decks Safe operations on RORO vessels during loading, unloading, and emergencies
7	**Fast Rescue Boats (FRBs)** Terminology and related maritime English terms

	Construction and types of FRBs Specifications and accessories of the FRBs Launching Appliances for the FRBs
8	**Fast Rescue Boats (FRBs)** Terminology and related maritime English terms Preparation and launching of the FRBs Safety measures and precautions during the launching and recovery of the FRBs Launching and operating the FRB in heavy seas
9	**Fast Rescue Boats (FRBs)** Terminology and related maritime English terms Navigational and operational characteristics of the FRBs Up-righting of a capsized FRB, self-righting FRBs Navigation and operation of the FRB in heavy seas
10	**Fast Rescue Boats (FRBs)** Terminology and related maritime English terms Equipment and accessories of the FRB Engine of the FRBs, starting and operating methods Search and rescue methods with the FRBs, and natural limitations
11	**Collision, Grounding, and Emergency Evacuation** Terminology and related maritime English terms Definitions and differences between grounding, stranding, and beaching Preparations for beaching Measures to be taken after grounding, stranding, and beaching
12	**Collision, Grounding, and Emergency Evacuation** Terminology and related maritime English terms Collision and collision management Measures to be taken after a collision Measures to be taken after a fire or explosion
13	**Collision, Grounding, and Emergency Evacuation** Terminology and related maritime English terms Damage control and ship rescue operations Steering failures and emergency steering Towing operations
14	**Collision, Grounding, and Emergency Evacuation** Terminology and related maritime English terms Emergency evacuation, abandoning ship Evacuation methods and techniques
15	**Course Review and Practical Exercises** FRB drills and emergency scenarios Passenger evacuation simulations Integration of shipboard safety, cargo security, and crisis management

Methods and Techniques used in the Course

Lectures and Presentations: Delivery of theoretical knowledge on maritime safety regulations, emergency response, and passenger/cargo safety.

Case Studies and Scenario Analysis: Examination of real-life maritime incidents to develop problem-solving and decision-making skills.

Practical Training and Simulations: Hands-on practice with Fast Rescue Boats (FRBs), lifesaving appliances, and safety equipment under controlled conditions.

Drills and Exercises: Organization of crowd management, evacuation, and firefighting drills to reinforce emergency preparedness.

Group Discussions and Role-Playing: Collaborative activities to enhance communication, leadership, and crisis management abilities.

Workshops and Demonstrations: Guided practice on cargo securing, ship stability calculations, and use of emergency equipment.

Multimedia Tools: Use of videos, simulation software, and visual aids to illustrate complex safety operations.

Assessment and Feedback Sessions: Continuous evaluation through quizzes, practical performance tests, and instructor feedback.

Sample Questions

- Explain the main responsibilities of crew members during a passenger ship emergency evacuation.
- What are the critical differences between crowd management and crisis management on board passenger ships?
- List the essential steps to be followed when operating a Fast Rescue Boat (FRB) in heavy weather conditions.
- A Ro-Ro passenger ship is preparing to load dangerous cargo. What kind of safety measures and precautions must be implemented before, during, and after loading a dangerous cargo onto a RORO vessel?
- What is the correct method of launching and recovering a Fast Rescue Boat using appropriate equipment?
- Name and explain the function of at least five of the safety and emergency equipment used on passenger ships.

Materials Used in the Course

Textbooks and Reference Books

- Lecturer Notes, Related IMO Model Courses and STCW (Standards of Training, Certification, and Watchkeeping) manuals.
- SOLAS Consolidated Edition, LSA Code, FSS Code, The Fire Fighting System Guidance, Fire Prevention and Fire Fighting, Master Guide for Fire and Safety on Ferries, Safety of RORO Passenger and Cruise Ships, Guidelines for Contingency Plans on Passenger Ships, Emergency Procedures and Check Lists at Sea
- Related IMO Model Courses and STCW (Standards of Training, Certification, and Watchkeeping) manuals.
- Maritime Safety textbooks covering Passenger Ship Safety, Safety on RORO vessels, Fast Rescue Boats and Emergency Procedures, including SOLAS, STCW, ISPS Code, LSA Code, and FSS Code
    - SOLAS Consolidated Edition
    - LSA Code
    - FSS Code
    - The Fire Fighting System Guidance
    - Fire Prevention and Fire Fighting
    - Master Guide for Fire and Safety on Ferries
    - Safety of RORO Passenger and Cruise Ships
    - Guidelines for Contingency Plans on Passenger Ships
    - Emergency Procedures and Check Lists at Sea

Supplementary Resources

- Instructional videos
- Interactive simulations
- Real-life accident investigation reports for analysis and discussion
- Safety posters, diagrams, and procedural flowcharts
- Fast Rescue Boat (FRB) and associated launching/recovery equipment
- Personal Life-Saving Appliances (lifejackets, immersion suits, lifebuoys, etc.)
- Firefighting equipment (extinguishers, breathing apparatus, hoses, fixed systems)
- Passenger evacuation plans, crowd management drill scenarios, and muster lists
- Communication tools (radios, public address systems, emergency alarms)

All the above listed books are available at UoK's Grand Library

Program Outcomes Matrix

	Program Outcomes	*Level of Contribution				Targeted Competence Areas
		0	1	2	3	
1	Demonstrate fundamental knowledge of maritime business, shipping operations, port management, and international logistics.				✓	Maritime Business & Operations
2	Apply principles of management, economics, and finance to ship operations, chartering, brokerage, and maritime organizational decision-making.				✓	Maritime Economics & Management
3	Understand and interpret international maritime law, conventions, and trade regulations including SOLAS, MARPOL, UNCLOS, and INCOTERMS.				✓	Maritime Law & Policy
4	Plan and manage port and terminal operations efficiently, considering cargo handling systems, port logistics, and intermodal transport networks.				✓	Port & Terminal Operations Management
5	Employ digital tools and data-driven approaches in ship management, fleet performance monitoring, and maritime logistics systems.				✓	Digital Maritime Operations
6	Integrate sustainability, environmental protection, and decarbonization principles into maritime and logistics operations in line with IMO GHG strategy.			✓		Sustainability & Green Shipping
7	Demonstrate competence in maritime risk assessment, safety management systems (ISM Code), and crisis response in ship and shore-based contexts.			✓		Safety & Risk Management
8	Exhibit leadership, teamwork, and communication skills necessary for multicultural and interdisciplinary maritime organizations.				✓	Leadership & Intercultural Communication
9	Apply marketing, logistics, and supply chain strategies to global shipping and maritime transport sectors.				✓	Global Logistics & Supply Chain Management
10	Prepare and analyze charter parties, bills of lading, and other shipping documents while managing cargo claims and marine insurance issues.				✓	Maritime Documentation & Insurance
11	Utilize effective business English and Maritime English for negotiation, correspondence, and documentation within international maritime contexts.			✓		Maritime Communication & Professional English
12	Demonstrate ethical awareness, corporate responsibility, and adherence to international professional standards in maritime and logistics management.			✓		Ethics & Corporate Responsibility
13	Develop research skills and analytical thinking to identify, evaluate, and solve complex problems in maritime transport and logistics systems.			✓		Analytical Thinking & Research Skills
14	Adapt to innovations such as digitalization, automation, and smart shipping technologies through continuous professional development.				✓	Innovation & Lifelong Learning
15	Apply entrepreneurship and strategic management principles to establish or develop maritime-related enterprises in a competitive global environment.			✓		Entrepreneurship & Strategic Management

***0:** No Contribution **1:** Little Contribution **2:** Partial Contribution **3:** Full Contribution

Program Outcomes /Course Learning Outcomes Matrix **Level of Contribution**:**0**-No Contribution **1**-Little Contribution **2**-Partial Contribution **3**-Full Contribution										
PO	**CLO1**	**CLO2**	**CLO3**	**CLO4**	**CLO5**	**CLO6**	**CLO7**	**CLO8**	**CLO9**	**CLO10**
PO1	3	3	3	3	3	3	3	3	x	x
PO2	3	3	3	3	3	3	3	3	x	x
PO3	3	3	3	3	3	3	3	3	x	x
PO4	2	2	2	2	2	2	2	2	x	x
PO5	3	3	3	3	3	3	3	3	x	x
PO6	3	3	3	3	3	3	3	3	x	x
PO7	3	3	3	3	3	3	3	3	x	x
PO8	2	2	2	2	2	2	2	2	x	x
PO9	2	2	2	1	1	1	1	1	x	x
PO10	3	3	3	3	3	3	3	3	x	x
PO11	3	3	3	3	3	3	3	3	x	x
PO12	3	3	3	3	3	3	3	3	x	x
PO13	2	2	2	1	1	1	1	1	x	x
PO14	2	2	2	1	1	1	1	1	x	x
PO15	2	2	2	1	1	1	1	1	x	x

Course Learning Outcomes/ Evaluation Method		
CLO	**Teaching Method**	**Assessment Method**
LO1	Lectures, Practical Applications, Case Studies, and Discussions	Midterm Exam, Practical Exam, Final Exam, Assignment
LO2	Lectures, Practical Applications, Case Studies, and Discussions	Midterm Exam, Practical Exam, Final Exam, Assignment
LO3	Lectures, Practical Applications, Case Studies, and Discussions	Midterm Exam, Practical Exam, Final Exam, Assignment
LO4	Lectures, Practical Applications, Case Studies, and Discussions	Midterm Exam, Practical Exam, Final Exam, Assignment
LO5	Lectures, Practical Applications, Case Studies, and Discussions	Midterm Exam, Practical Exam, Final Exam, Assignment
LO6	Lectures, Practical Applications, Case Studies, and Discussions	Midterm Exam, Practical Exam, Final Exam, Assignment
LO7	Lectures, Practical Applications, Case Studies, and Discussions	Midterm Exam, Practical Exam, Final Exam, Assignment
LO8	Lectures, Practical Applications, Case Studies, and Discussions	Midterm Exam, Practical Exam, Final Exam, Assignment

ECTS / Workload Table			
Activities	**Number**	**Duration (Hours)**	**Total Workload**
Preparation for lectures	**15**	**1**	**15**
Lectures	**15**	**3**	**45**
Midterm Exam	**1**	**1**	**1**
Preparation for Midterm Exam	**1**	**5**	**5**
Final Exam	**1**	**1**	**1**
Preparation for Final Exam	**1**	**5**	**5**
Presentation(s)	-	-	-
Preparation for Presentation(s)	-	-	-
Research for Project(s)/Essay(s)	-	-	-
Project Writing	-	-	-
Group Work	-	-	-
In-class Discussion(s)	**15**	**1**	**15**
Quiz(es)	-	-	-
Preparation for Quiz(es)	-	-	-
Laboratory	-	-	-
Assignment(s)/Homework/Class Works	**1**	**5**	**5**
Micro-Teaching Sessions	-	-	-
Lesson Planning	-	-	-
Materials Adaptation	-	-	-
Material Development	-	-	-
Draft Preparation	-	-	-
Drawing	-	-	-
Essay Writing	-	-	-
Tutorial(s)	-	-	-
Portfolio Preparation	-	-	-
Portfolio Presentation	-	-	-
Total Workload			**92**
ECTS Credit			**3**

Evaluation System		
Semester Requirements	**Number**	**Percentage of Grade**
Attendance/Participation	1	10
Laboratory	-	-
Application	1	25
Field Work (Class Work)	-	-
Special Course Internship (Work Placement)	-	-
Assignment(s)/Homework/Class Works	1	10
Providing reliability and motivation for the individual homework completion and Submission	-	-
Presentation/Jury	-	-
Project	-	-
Quiz	-	-
Midterms/Oral Exams	1	20
Final/Oral Exams	1	35
Total	**5**	**100**

	Percentage	**Course Grade**	**Coefficient**
Grading Policy	90-100	AA	4.0
	85-89	BA	3.5
	80-84	BB	3.0
	75-79	CB	2.5
	70-74	CC	2.0
	60-69	DC	1.5
	50-59	DD	1.0
	49 and below	FF	0.0
	Less than 70% attendance	NA	-
Course Requirements and Policies	• Alerted attendance at the lectures is essential! • Students are expected to check the instructor's web page frequently for the course announcements. • The University of Kyrenia honor code will be strictly enforced regarding any issues concerning cheating.		

University of Kyrenia

Faculty of Maritime Studies

Maritime Management

Syllabus

Course name: Turkish II: Verbal Expression							
Code	**Year**	**Semester**	**Credit**	**ECTS**	**Course application, Hour/Week**		
					Theoretical	**Application**	**Laboratory**
TUR102	II	Spring	2	2	2	0	0
Course type: Compulsory Elective				**Prerequisite: x**		**Language:** English	
% Contribution to the Professional Fundamental Component				**Basic Sciences**	**Engineering Science**	**Engineering Design**	**General Education**
				-	-	-	100
Course Venue and Time				Friday / 13:30 – 15:20			
Instructor information				**Aydoğan Erkan** Faculty of Maritime Studies Friday / 09:00 – 12:00 +90 (392) 650 26 00 / 4060 aydogan.erkan@kyrenia.edu.tr www.kyrenia.edu.tr			

Course Description	*Turkish II: Verbal Expression* is designed to provide students with a comprehensive understanding of the fundamental aspects of written Turkish. The course focuses on the phonetic features of the language, word stress, word types, phrase and sentence structures, and the use of suffixes. Additionally, students will learn the purposes and rules of punctuation marks, as well as the spelling conventions of Turkish. Through practical examples and exercises, the course aims to develop students' ability to construct grammatically correct sentences and coherent texts, enhancing both their writing accuracy and clarity. This foundation prepares students for effective written communication in academic and everyday contexts.
Course Aims and Objectives	To develop students' understanding of the fundamental grammatical structure of the Turkish language. To enhance students' ability to write correctly using proper spelling, punctuation, and sentence structures. To provide students with a comprehensive understanding of Turkish phonetics, word formation, and morphological rules. To improve students' written communication skills in various contexts, emphasizing clarity and accuracy. • Recognize and apply the phonetic features of Turkish in written form. • Correctly use word stress patterns to convey meaning in writing. • Identify and appropriately use different word types (nouns, verbs, adjectives, adverbs, conjunctions, etc.) in sentences. • Construct phrases and sentences following the rules of Turkish syntax. • Apply suffixes correctly in nouns, verbs, and derivational forms. • Utilize punctuation marks effectively to structure written texts clearly. • Apply Turkish spelling rules consistently in written communication. • Analyze and correct common grammatical and orthographic errors in writing. • Compose coherent paragraphs that reflect proper grammar, vocabulary, and sentence structure.
Course Learning Outcomes	**CLO1 – Phonetics** Demonstrate understanding of Turkish phonetic features and apply them correctly in writing. **CLO2 – Word Stress** Identify and apply proper word stress patterns in written texts. **CLO3 – Word Types** Distinguish between different word types and use them accurately in sentences.

	CLO4 – Syntax Construct grammatically correct phrases and sentences following Turkish syntax rules. **CLO5 – Morphology** Apply nouns, verbs, and derivational suffixes appropriately in written communication. **CLO6 – Punctuation** Use punctuation marks effectively to enhance clarity and coherence in writing. **CLO7 – Spelling** Apply Turkish spelling rules accurately in all written exercises. **CLO8 – Error Correction** Recognize and correct common grammatical and orthographic errors in written Turkish. **CLO9 – Paragraph Composition** Compose clear and coherent paragraphs that reflect proper grammar, vocabulary, and sentence structure. **CLO10 – Integrated Writing Skills** Integrate phonetics, morphology, syntax, spelling, punctuation, and vocabulary to produce well-structured written texts.

Content of the Course

Week	*Subject*
1	**Introduction & Course Orientation** • Overview of the course objectives • Importance of written expression in Turkish • Introduction to basic phonetic features
2	**Phonetics and Pronunciation** • Turkish vowel and consonant sounds • Word stress patterns in Turkish • Common pronunciation rules
3	**Word Types in Turkish I** • Nouns, pronouns, adjectives, verbs, adverbs • Examples of usage in sentences • Basic exercises
4	**Word Types in Turkish II** • Conjunctions, prepositions, interjections, numerals • Role of each word type in sentence structure
5	**Phrase Structures I** • Definition of phrases in Turkish • Noun phrases and verb phrases • Examples and exercises
6	**Phrase Structures II** • Adjective phrases, adverbial phrases • Combining phrases for meaning • Practice exercises
7	**Sentence Types I** • Simple sentences • Compound sentences • Examples and sentence formation
8	**Sentence Types II** • Complex sentences • Subordinate clauses • Practice with sentence combination
9	**Suffixes I** • Noun suffixes: plural, possessive, case suffixes • Usage and examples
10	**Suffixes II** • Verb suffixes: tense, aspect, mood, person markers • Derivational suffixes • Exercises for application
11	**Punctuation Marks I** • Period, comma, colon, semicolon, question and exclamation marks • Rules and correct usage in sentences
12	**Punctuation Marks II** • Quotation marks, parentheses, hyphen, ellipsis, dash • Practical exercises in writing

13	**Spelling Rules I** • Common spelling rules in Turkish • Vowel harmony and consonant changes • Exercises with examples
14	**Spelling Rules II & Review** • Advanced spelling rules and exceptions • Review of phonetics, word types, suffixes, sentence and phrase structures • Writing practice
15	**Final Assessment & Writing Practice** • Composing short texts using learned rules • Peer review and instructor feedback • Final written assessment

Methods and Techniques used in the Course

Lectures and Explanations – Presenting grammatical rules, word structures, suffixes, and spelling conventions in Turkish with examples in English.

Text Analysis – Analyzing sample sentences and paragraphs to illustrate correct usage of words, suffixes, and punctuation.

Writing Exercises – Guided practice in composing sentences, paragraphs, and short texts using the learned grammar and spelling rules.

Drills and Repetition – Exercises focusing on phonetics, word stress, and suffix application to reinforce learning.

Error Correction and Feedback – Reviewing student writing, identifying errors, and providing corrective feedback.

Group Work and Peer Review – Collaborative exercises where students check each other's writing for grammar, spelling, and clarity.

Use of Visual Aids – Charts, tables, and diagrams to illustrate sentence structures, suffix usage, and punctuation rules.

Quizzes and Mini-Assessments – Regular short assessments to evaluate understanding of grammar, word formation, and writing skills.

Homework Assignments – Written tasks to reinforce classroom learning and develop independent writing skills.

Practical Application – Exercises in writing letters, notes, or short essays to simulate real-life written communication.

Sample Questions

Phonetics and Word Stress

- Identify the stressed syllable in the following words: *kitap, öğrenci, mutluluk.*
- Explain the phonetic difference between the letters “c” and “ç” in Turkish with examples.

Word Types (Parts of Speech)

- Classify the underlined words in the sentence: “Ali hızlı koşuyor ve mutlu görünüyor.” (Noun, verb, adjective, etc.)
- Provide an example of a Turkish pronoun and use it in a sentence.

Suffixes

- Add the appropriate possessive suffix to the noun “ev” (house) to indicate “my house” and “our house.”
- Transform the verb “gitmek” (to go) into its past tense using the correct suffix.

Phrase and Sentence Structures

- Identify the subject and predicate in the sentence: “Öğrenciler derse erken geldi.”
- Rewrite the following sentence in negative form: “Ali kitabı okudu.”

Sentence Types

- Convert the following declarative sentence into an interrogative sentence: “Sen bugün okula gidiyorsun.”
- Provide an example of an imperative sentence in Turkish.

Punctuation and Spelling Rules

- Correct the punctuation in the following sentence: “Ali geldi ve Ayşe de geldi mi?”
- Identify the spelling mistake in the sentence: “Okulda öğrenciler çalışıyorlar.”

Writing Skills / Short Composition

- Write 3–5 sentences introducing yourself, mentioning your family and hobbies.
- Write a short paragraph describing your favorite day of the week and why you like it.

Practical Application

- Fill in the blanks with the correct suffixes: “Kitap___ masada duruyor.” (indicating possession)
- Rewrite the following informal text message in proper written Turkish, paying attention to spelling and punctuation.

Materials Used in the Course

Textbooks and Reference Books

- *Turkish Grammar for Foreigners* – A comprehensive guide to Turkish phonetics, grammar, and sentence structure.
- *Elementary Turkish: A Grammar and Workbook* – Provides examples and exercises for practice in word types, suffixes, and sentence formation.
- *Turkish: A Comprehensive Grammar* – Advanced reference for punctuation rules, spelling conventions, and written expression.

Workbooks and Exercises

- Course-specific exercise booklets focusing on phonetics, suffix usage, and sentence construction.
- Short composition and writing practice exercises designed for weekly assignments.

Digital Resources

- Online Turkish language platforms for interactive exercises in grammar, vocabulary, and punctuation.
- Audio recordings of native speakers for practicing pronunciation and stress patterns.

Supplementary Materials

- Handouts and notes provided by the instructor, covering key topics such as suffixes, sentence types, and punctuation rules.
- Visual aids for explaining phrase structures and word stress patterns.
- Sample texts for reading and writing practice, including letters, emails, and short essays.

Assessment Tools

- Quizzes, in-class exercises, and writing assignments to reinforce learning.
- Peer-review exercises for written compositions to encourage collaborative learning and feedback.

All the above listed books are available at UoK's Grand Library

Program Outcomes Matrix

	Program Outcomes	*Level of Contribution				Targeted Competence Areas
		0	1	2	3	
1	Demonstrate fundamental knowledge of maritime business, shipping operations, port management, and international logistics.				✓	Maritime Business & Operations
2	Apply principles of management, economics, and finance to ship operations, chartering, brokerage, and maritime organizational decision-making.				✓	Maritime Economics & Management
3	Understand and interpret international maritime law, conventions, and trade regulations including SOLAS, MARPOL, UNCLOS, and INCOTERMS.				✓	Maritime Law & Policy
4	Plan and manage port and terminal operations efficiently, considering cargo handling systems, port logistics, and intermodal transport networks.				✓	Port & Terminal Operations Management
5	Employ digital tools and data-driven approaches in ship management, fleet performance monitoring, and maritime logistics systems.				✓	Digital Maritime Operations
6	Integrate sustainability, environmental protection, and decarbonization principles into maritime and logistics operations in line with IMO GHG strategy.			✓		Sustainability & Green Shipping
7	Demonstrate competence in maritime risk assessment, safety management systems (ISM Code), and crisis response in ship and shore-based contexts.			✓		Safety & Risk Management
8	Exhibit leadership, teamwork, and communication skills necessary for multicultural and interdisciplinary maritime organizations.				✓	Leadership & Intercultural Communication
9	Apply marketing, logistics, and supply chain strategies to global shipping and maritime transport sectors.				✓	Global Logistics & Supply Chain Management
10	Prepare and analyze charter parties, bills of lading, and other shipping documents while managing cargo claims and marine insurance issues.				✓	Maritime Documentation & Insurance
11	Utilize effective business English and Maritime English for negotiation, correspondence, and documentation within international maritime contexts.			✓		Maritime Communication & Professional English
12	Demonstrate ethical awareness, corporate responsibility, and adherence to international professional standards in maritime and logistics management.			✓		Ethics & Corporate Responsibility
13	Develop research skills and analytical thinking to identify, evaluate, and solve complex problems in maritime transport and logistics systems.			✓		Analytical Thinking & Research Skills
14	Adapt to innovations such as digitalization, automation, and smart shipping technologies through continuous professional development.				✓	Innovation & Lifelong Learning
15	Apply entrepreneurship and strategic management principles to establish or develop maritime-related enterprises in a competitive global environment.			✓		Entrepreneurship & Strategic Management

***0:** No Contribution **1:** Little Contribution **2:** Partial Contribution **3:** Full Contribution

Program Outcomes /Course Learning Outcomes Matrix **Level of Contribution**:**0**-No Contribution **1**-Little Contribution **2**-Partial Contribution **3**-Full Contribution										
PO	**CLO1**	**CLO2**	**CLO3**	**CLO4**	**CLO5**	**CLO6**	**CLO7**	**CLO8**	**CLO9**	**CLO10**
PO1	3	3	2	2	3	2	2	2	3	3
PO2	2	2	2	2	2	2	1	2	2	2
PO3	2	2	2	3	2	2	2	2	3	3
PO4	1	1	1	2	1	2	2	2	2	2
PO5	2	2	2	2	2	2	2	2	2	3
PO6	2	2	2	2	2	2	2	2	2	2
PO7	1	1	2	2	1	2	2	2	2	2
PO8	1	1	1	1	1	1	1	2	2	2
PO9	1	1	1	1	1	1	1	1	2	2
PO10	2	2	2	2	2	2	2	2	2	3
PO11	1	1	1	1	1	1	1	1	1	2
PO12	1	1	1	1	1	1	1	1	1	2
PO13	1	1	2	3	3	2	1	1	1	3
PO14	1	1	2	3	3	2	1	1	1	3
PO15	1	1	2	3	3	2	1	1	1	3

Course Learning Outcomes/ Evaluation Method		
CLO	**Teaching Method**	**Assessment Method**
CLO1	Lecture, Pronunciation Drills, Guided Writing Exercises	Quizzes, Written Exercises, Oral Assessments
CLO2	Lecture, Stress Pattern Exercises, Listening and Writing Practice	Quizzes, Written Exercises, Oral Presentations
CLO3	Lecture, Vocabulary and Grammar Exercises, Sentence Construction Activities	Assignments, Quizzes, Written Exams
CLO4	Lecture, Sentence Building Exercises, Syntax Workshops	Written Assignments, Exams, Peer Reviews
CLO5	Lecture, Morphology Exercises, Guided Writing	Homework, Quizzes, Written Exercises
CLO6	Lecture, Punctuation Practice, Editing Exercises	Quizzes, Writing Assignments, Peer Feedback
CLO7	Lecture, Spelling Drills, Dictation Exercises	Quizzes, Written Assignments, Exams
CLO8	Lecture, Error Identification and Correction Exercises	Assignments, Quizzes, Written Exercises
CLO9	Lecture, Paragraph Construction Workshops, Peer Review	Written Paragraph Assignments, Rubric-Based Assessment
CLO10	Lecture, Integrated Writing Practice, Project-Based Exercises	Writing Projects, Portfolios, Exams

ECTS / Workload Table			
Activities	**Number**	**Duration (Hours)**	**Total Workload**
Preparation for lectures	**15**	**1**	**15**
Lectures	**15**	**2**	**30**
Midterm Exam	**1**	**3**	**3**
Preparation for Midterm Exam	**1**	**20**	**20**
Final Exam	**1**	**3**	**3**
Preparation for Final Exam	**1**	**20**	**20**
Presentation(s)	-	-	-
Preparation for Presentation(s)	-	-	-
Research for Project(s)/Essay(s)	-	-	-
Project Writing	-	-	-
Group Work	-	-	-
In-class Discussion(s)	-	-	-
Quiz(es)	-	-	-
Preparation for Quiz(es)	-	-	-
Laboratory	-	-	-
Assignment(s)/Homework/Class Works	-	-	-
Micro-Teaching Sessions	-	-	-
Lesson Planning	-	-	-
Materials Adaptation	-	-	-
Material Development	-	-	-
Draft Preparation	-	-	-
Drawing	-	-	-
Essay Writing	-	-	-
Tutorial(s)	-	-	-
Portfolio Preparation	-	-	-
Portfolio Presentation	-	-	-
Total Workload			**91**
ECTS Credit			**2**

Evaluation System		
Semester Requirements	**Number**	**Percentage of Grade**
Attendance/Participation	-	-
Laboratory	-	-
Application	-	-
Field Work	-	-
Special Course Internship (Work Placement)	-	-
Homework/Assignments	-	-
Providing reliability and motivation of the individual homework completion and Submission	-	-
Presentation/Jury	-	-
Project	-	-
Quiz	-	-
Midterms/Oral Exams	1	40
Final/Oral Exams	1	60
Total	**2**	**100**

	Percentage	**Course Grade**	**Coefficient**
Grading Policy	90-100	AA	4.0
	85-89	BA	3.5
	80-84	BB	3.0
	75-79	CB	2.5
	70-74	CC	2.0
	60-69	DC	1.5
	50-59	DD	1.0
	49 and below	FF	0.0
	Less than 70% attendance	NA	-
Course Requirements and Policies	• Alerted attendance at the lectures is essential! • Students are expected to check frequently the instructor's web page for the course announcements. • University of Kyrenia honor code will be strictly enforced regarding any issues concerning cheating.		