Maritime Vocational School / Maritime Transportation and Management
About The Program
The Maritime Transportation and Management Associate Degree Program offers a comprehensive education that integrates contemporary maritime transportation knowledge with its operational, managerial, and technical dimensions in accordance with international standards in the maritime field. The program aims to educate qualified deck officers and maritime transportation professionals who are capable of serving both at sea and ashore. It provides students with a strong academic and practical foundation in core disciplines such as maritime safety, ship management, navigation, maritime law, shipping management, and port operations. In addition, the program adopts an educational approach that emphasizes compliance with international maritime regulations, professional ethics, leadership, problem-solving, and crisis management competencies. Graduates are trained as professionals with strong analytical thinking skills, a high level of safety and environmental awareness, and the qualifications required to work effectively in the global maritime transportation sector.
Profile of the Program
The Maritime Transportation and Management Associate Degree Program offers a broad maritime education covering maritime transportation, ship management, navigation, maritime safety, and shipping operations. In line with international maritime standards, the program provides a comprehensive academic framework that prioritizes safety at sea, environmental sustainability, operational efficiency, and the requirements of global maritime trade. It offers students opportunities to specialize both in onboard practices such as navigation and ship management, and in shore-based processes including maritime transportation planning and shipping management.
Qualification Awarded
Maritime Transportation and Management, Associate Degree
Length of Programme and Number of Credits
2 years (excluding one year of English Preparatory Program), 2 semesters per year, 15 weeks per semester, 120 ECTS credits
Level of Qualification
Bachelor's Degree; YÖK National Qualifications Framework (TYYÇ), Level 5
Specific Admission Requirements
The admission of Turkish citizens to higher education is based on a nationwide Student Selection Examination (ÖSYM) organized by the Turkish Higher Education Council (YÖK). The admission of citizens of the Turkish Republic of Northern Cyprus is based on the Near East University Entrance and Placement Examination organized for TRNC citizens. The admission of foreign students is based on their high school diploma. A document proving English language proficiency is also required.
Recognition of Credit Mobility and Prior Learning
The transfer and recognition of courses taken outside University of Kyrenia are carried out in accordance with the principles set forth in the relevant Regulations, based on the decision of the respective Faculty or Institute Board of Directors. If the content of the courses taken at another higher education institution is

found to be compatible with the content of the courses offered at Girne University and is deemed appropriate by the relevant Faculty or Institute Board, students may be granted exemption from these courses.

Qualification and Graduation Requirements and Regulations

Students of the Maritime Transportation and Management program are required to achieve the minimum course passing grade in all courses and maintain a minimum cumulative GPA of 2.00 out of 4.00 for graduation.

The certificates and professional competencies delivered within the Maritime Transportation and Management program are fully compliant with the Standards of Training, Certification and Watchkeeping for Seafarers (STCW) established by the International Maritime Organization (IMO) and the Republic of Türkiye Ministry of Transport and Infrastructure.

The program is officially supervised and regulated by the Republic of Türkiye Ministry of Transport and Infrastructure, Directorate General of Maritime Affairs, the Council of Higher Education of Türkiye (YÖK), and the Higher Education Planning, Evaluation, Accreditation and Coordination Council of the Turkish Republic of Northern Cyprus (YÖDAK).

Additionally, the program holds membership through accreditation with the International Association of Maritime Universities (IAMU).

Programme Learning Outcomes

1	Demonstrate comprehensive knowledge of navigation sciences, ship handling, cargo operations, and seamanship in accordance with STCW requirements.
2	Operate and manage shipboard systems, electronic navigation equipment (ECDIS, ARPA, GMDSS), and emerging smart technologies with precision and reliability.
3	Apply maritime safety standards, emergency procedures, and risk assessment practices to ensure the safety of life at sea and environmental protection.
4	Employ advanced meteorology, oceanography, and route planning methods to optimize voyages under changing environmental and economic conditions.
5	Demonstrate leadership, decision-making, and crisis management skills in multicultural and interdisciplinary maritime teams.
6	Apply international maritime law, conventions, and flag state regulations in navigation, cargo management, and ship operations.
7	Manage cargo operations (loading, stowage, securing, and discharge) with attention to safety, efficiency, and international trade standards.
8	Integrate principles of sustainability and green shipping in ship operations, voyage optimization, and environmental protection measures.
9	Utilize project management, business acumen, and managerial competencies for effective maritime transport operations and logistics planning.
10	Communicate effectively in maritime English, applying IMO SMCP (Standard Marine Communication Phrases) and professional reporting techniques.

11	Commit to ethical conduct, professional responsibility, and respect for cultural diversity within the global maritime workforce.
12	Engage in lifelong learning, continuous professional development, and adaptation to technological innovations in the maritime transport sector.
Program Educational Objectives	
1	To educate maritime transportation who are proficient in international maritime standards and capable of effectively fulfilling professional duties and responsibilities in navigation, ship management, cargo operations, and maritime safety.
2	To train specialists who can plan, manage, and optimize maritime transportation operations both onboard ships and ashore, and who can effectively utilize modern maritime practices by adapting to technological advancements.
3	To equip person with the ability to integrate sustainability, environmental protection, energy efficiency, and green maritime transportation principles into operational and managerial decision-making processes within the maritime sector.
4	To develop professionals who are committed to ethical values, possess strong leadership and problem-solving skills, and are capable of effective communication in multidisciplinary and multicultural environments within the global maritime industry.

Program Curriculum Map														
M: Master / D: Develop / I: Introduce / N: None														
Curriculum Courses			Key Learning Outcomes											
Level of Course Unit Semester	Course Code	Course Name	1	2	3	4	5	6	7	8	9	10	11	12
1/1	MTH101	Calculus I	I	N	N	I	N	N	N	N	I	N	N	I
1/1	NAV101	Navigation I	D	D	D	D	I	D	N	I	I	I	I	D
1/1	SEA101	Seamanship I	D	I	D	I	I	I	D	I	N	I	D	I
1/1	SAF101	Maritime Safety I	D	I	M	I	I	I	D	D	N	I	D	D
1/1	CFM101	Chemistry for Mariners	N	N	D	I	N	N	N	D	I	N	N	D
1/1	MPH101	Physics for Mariners I	I	I	I	D	N	N	N	D	I	N	N	D
1/1	TUR101	Turkish I: Written Expression	I	N	I	N	D	N	N	N	I	M	D	D
1/1	AIT101	Ataturk's Principles and History of Turkish Revolution I	N	D	N	N	N	N	I	I	D	N	N	I
1/1	MRE101	General Aspects of Marine Engineering	I	N	N	D	N	N	N	N	D	N	N	D
1/1	ENG101	English I	M	D	D	M	D	D	I	D	D	D	D	M
1/2	MTH102	Calculus II	D	I	M	I	D	I	M	D	N	I	D	D
1/2	NAV102	Navigation II	D	D	M	D	D	D	D	D	N	I	D	D
1/2	SEA102	Seamanship II	D	I	D	D	N	N	N	D	D	N	N	D
1/2	SAF102	Maritime Safety II	M	D	M	D	D	M	D	D	D	D	D	D
1/2	MPH102	Physics for Mariners II	I	N	I	N	D	N	N	N	I	M	D	D
1/2	WAT102	Standards of Watchkeeping	I	D	I	I	N	N	N	I	D	D	I	D
1/2	TUR102	Turkish II: Verbal Expression	D	D	D	I	N	I	D	D	D	N	N	D
1/2	AIT102	Ataturk's Principles and History of Turkish Revolution II	D	D	M	D	D	D	D	D	N	D	D	D
1/2	ENG102	English II	D	I	D	M	N	N	N	D	D	N	N	D
1/2	CMP102	Introduction to Information Technologies	N	N	N	N	D	N	N	N	D	D	D	D
2/3	SIM201	Simulator	N	N	N	N	D	N	N	N	I	D	D	D
2/3	SHA201	Ship Handling	I	I	D	I	D	D	D	D	M	D	D	D
2/3	SAF201	Maritime Safety III	I	N	I	N	D	N	N	N	I	M	D	D
2/3	MET201	Maritime Meteorology	D	M	D	I	N	D	N	D	D	N	N	D
2/3	COM201	Marine Communication	M	M	D	M	D	D	I	D	D	D	D	M
2/3	GMS201	Global Maritime Distress and Safety System	D	D	M	D	D	D	D	D	N	D	D	D
2/3	MEN201	Maritime English	D	M	D	D	I	D	N	D	D	I	I	D
2/3	CSB201	Chartering and Shipbroking	D	I	M	D	I	D	M	D	D	I	D	D

2/3	MEL201	Introduction to Marine Electronics	N	N	N	N	M	N	N	N	D	M	D	D
2/4	NAV202	Navigation III	N	N	N	N	D	N	N	N	I	D	D	D
2/4	SAF202	Maritime Safety IV	N	N	M	N	D	N	N	D	N	I	D	D
2/4	NRC202	Ship Construction	M	M	D	M	D	D	I	D	D	D	D	M
2/4	FMC202	First Aid and Medical Care	M	D	D	D	D	D	D	D	D	I	D	D
2/4	NAV204	Electronic Aids to Navigation	D	D	D	I	D	D	I	D	I	M	D	D
2/4	CRG202	Cargo Handling and Stability	D	D	D	D	D	D	D	D	M	D	D	D
2/4	TSM202	Technical Ship Management	I	N	D	N	I	M	I	D	D	I	D	D
2/4	LAW202	Maritime Law and Conventions	D	D	M	D	D	D	D	D	N	D	D	D

Curriculum Electives			**Key Learning Outcomes**										
Level of Course Unit Semester	**Course Code**	**Course Name**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1/1	MMD101	Introduction to Shipping	I	I	D	I	I	I	I	D	I	N	I	I
1/1	MMD103	Introduction to Yachting I	I	N	I	D	I	I	D	I	N	N	N	I
1/1	MEC101	Technical Drawing I	D	D	D	D	I	I	I	I	D	D	I	N
1/2	MEC209	Strenght of Materials	D	D	D	D	D	D	D	D	D	D	D	D
1/2	MMD208	Ship Management	D	D	D	D	D	D	D	D	D	D	D	D
1/2	MED201	Operation and Maintenance of Main and Auxiliary Machinery I	I	I	I	I	I	I	D	I	I	I	I	I
2/4	MEC204	Dynamics	D	D	D	D	D	D	D	D	D	D	I	N
2/4	MMD204	Port and Terminal Operations	D	D	D	D	D	D	D	D	D	D	D	D
2/4	MTH301	Numerical Analysis for Engineers	D	D	D	D	D	D	D	D	D	D	I	N

TQF-HE & Program Learning Outcomes Coverage			
Group		**TQF-HE Qualification**	**Program Learning Outcomes**
Knowledge	**Theoretical, Empirical**	To possess basic theoretical and practical knowledge in the field, supported by textbooks containing up-to-date information, application tools and equipment, and other learning resources, based on competencies acquired at the secondary education level.	To demonstrate comprehensive knowledge of navigation sciences, ship manoeuvring, cargo operations, and maritime practices in accordance with STCW requirements.
Skills	**Cognitive, Applied**	To gain the ability to use the basic theoretical and practical knowledge acquired in the field at a more advanced level of education in the same field or at an equivalent level in a related field.	To actively engage in lifelong learning, continuous professional development, and adaptation to technological innovations in the maritime transportation sector.
		To be able to interpret and evaluate data, define problems, conduct analysis, and develop evidence-based solutions by using the basic knowledge and skills acquired in the field.	To use advanced meteorology, oceanography, and voyage planning methods to optimize voyages under changing environmental and economic conditions.
Competencies	**Ability to Work Independently and Take Responsibility**	To be able to independently carry out a basic-level study related to the field.	To operate and manage onboard systems and electronic navigation equipment (ECDIS, ARPA, GMDSS) as well as emerging smart technologies with accuracy and reliability.
		To assume responsibility as a team member in solving complex and unforeseen problems encountered in field-related practices.	To demonstrate leadership, decision-making, and crisis management skills in multicultural and interdisciplinary maritime teams.
		To conduct activities aimed at the professional development of individuals under his/her responsibility within the framework of a project.	To utilize project management, business knowledge, and managerial competencies to ensure efficiency in maritime transport operations and logistics planning.
Competencies	**Learning Proficiency**	To evaluate the basic knowledge and skills acquired in the field with a critical approach, to identify learning needs, and to meet those needs.	To actively engage in lifelong learning, continuous professional development, and adaptation to technological innovations in the maritime transportation sector.

		To be able to direct his/her education to an advanced level in the same field or to a profession at the same level.	To adhere to ethical conduct, professional responsibility, and respect for cultural diversity within the global maritime workforce.
		To have gained an awareness of lifelong learning.	To actively engage in lifelong learning, continuous professional development, and adaptation to technological innovations in the maritime transportation sector.
Competencies	**Communication and Social Competency**	To be able to communicate ideas related to the field at the level of basic knowledge and skills through written and oral communication.	To communicate effectively in Maritime English by applying IMO SMCP (Standard Marine Communication Phrases) and professional reporting techniques.
		To be able to share ideas and solution proposals regarding field-related issues with both specialists and non-specialists.	To communicate effectively in Maritime English by applying IMO SMCP and professional reporting techniques.
		To be able to use a foreign language at least at the A2 level of the European Language Portfolio to follow developments in the field and communicate with colleagues.	To communicate effectively in Maritime English by applying IMO SMCP and professional reporting techniques.
		To be able to use information and communication technologies together with computer software at least at the basic level of the European Computer Driving Licence (ECDL) required by the field.	To operate and manage onboard systems and electronic navigation equipment (ECDIS, ARPA, GMDSS) as well as emerging smart technologies with accuracy and reliability.
Competencies	**Field-Specific Competence**	To possess social, scientific, cultural, and ethical values in the processes of collecting, implementing, and announcing field-related data.	To adhere to ethical conduct, professional responsibility, and respect for cultural diversity within the global maritime workforce.
		To have sufficient awareness of universal social rights, social justice, quality, cultural values, environmental protection, occupational health, and safety.	To implement maritime safety standards, emergency procedures, and risk assessment practices to ensure safety of life at sea and protection of the marine environment.
TAY	**Program Learning Outcomes**		

TAY \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
1	✓			✓								
2	✓	✓	✓	✓			✓					
3	✓		✓	✓			✓					
4	✓	✓		✓								
5	✓	✓	✓	✓			✓	✓				
6				✓								
7	✓		✓		✓				✓		✓	
8												✓
9												✓
10		✓						✓				✓
11	✓	✓	✓	✓			✓					
12	✓		✓	✓			✓					
13	✓	✓		✓								
14	✓	✓	✓	✓			✓	✓				
15	✓		✓		✓				✓		✓	

Institutional Learning Outcome / Program Learning Outcome Coverage

R = Relevant PR = Partly Relevant NR = Not Relevant

	Institutional Learning Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
1	They will be able to analyze, synthesize, and evaluate information and ideas from multiple perspectives.	R	PR	PR	R	R	PR	PR	PR	PR	PR	PR	PR
2	They will be able to perform their duties within the framework of multidimensional quality standards without disregarding ethical principles.	PR	PR	R	NR	PR	R	R	R	PR	NR	R	NR
3	They will be able to serve society by demonstrating continuous and responsible behavior with awareness of different cultures, as well as global and historical perspectives.	PR	NR	R	PR	R	R	PR	R	PR	PR	R	PR
4	They will be able to integrate concepts and knowledge acquired from multiple scientific disciplines, access different fields of knowledge, and compare and critically evaluate them.	R	PR	PR	R	PR	PR	PR	PR	PR	PR	PR	R
5	They will be able to demonstrate expertise in a field requiring specialization and effectively integrate theoretical knowledge with practical applications.	R	R	PR	R	PR	PR	R	PR	R	NR	PR	PR

Occupational Profiles of Graduates
Graduates take the Officer in Charge of a Navigational Watch (OICNW) competency examinations at the Seafarers' Examination Center (GASM). Those who successfully pass the Seafarer Competency Examination administered by the Ministry of Transport and Infrastructure of the Republic of Türkiye are awarded the Officer in Charge of a Navigational Watch (OICNW) Certificate of Competency. With this certificate, graduates are eligible to serve as Second Officer and Third Officer on commercial vessels. Watchkeeping Officers may advance in rank after completing the required sea service period and fulfilling additional seafarer competency requirements. Department graduates may also assume positions within maritime companies such as General Management, Operations Management, Technical Management, Deck Inspection, and Personnel Management.
Access to Further Studies
May apply to undergraduate degree programmes.

Maritime Transportation and Management
Associate Degree Program Graduate Statistics (Last Five Years)

Year	Number of Graduates
2020	4
2021	4
2022	14
2023	5
2024	3

Course Structure Diagram with Credits					
I. Class / I. Semester					
Course Code	**Course Name**	**Core Elective**	**Theory**	**Practice**	**ECTS**
MTH101	Calculus I	Core	4	0	3
NAV101	Navigation I	Core	2	2	3
SEA101	Seamanship I	Core	2	2	3
SAF101	Maritime Safety I	Core	2	2	3
CFM101	Chemistry for Mariners	Core	2	2	2
MPH101	Physics for Mariners I	Core	3	2	3
TUR101	Turkish I: Written Expression	Core	2	0	2
AIT101	Ataturk's Principles and History of Turkish Revolution I	Core	2	0	2
MRE101	General Aspects of Marine Engineering	Core	2	0	3
ENG101	English I	Core	3	0	3
TE**	Technical Elective	Elective	3	0	3
Total ECTS					**30**
I. Class / II. Semester					
Course Code	**Course Name**	**Core Elective**	**Theory**	**Practice**	**ECTS**
MTH102	Calculus II	Core	4	0	3
NAV102	Navigation II	Core	2	2	3
SEA102	Seamanship II	Core	2	2	3
SAF102	Maritime Safety II	Core	2	2	3
MPH102	Physics for Mariners II	Core	3	2	3
WAT102	Standards of Watchkeeping	Core	4	0	2
TUR102	Turkish II: Verbal Expression	Core	2	0	2
AIT102	Ataturk's Principles and History of Turkish Revolution II	Core	2	0	2
ENG102	English II	Core	3	0	3
CMP102	Introduction to Information Technologies	Core	3	0	3
TE**	Technical Elective	Elective	3	0	3
Total ECTS					**30**

II. Class / III. Semester					
Course Code	**Course Name**	**Core Elective**	**Theory**	**Practice**	**ECTS**
SIM201	Simulator	Core	1	4	5
SHA201	Ship Handling	Core	2	2	3
SAF201	Maritime Safety III	Core	2	2	3
MET201	Maritime Meteorology	Core	1	2	2
COM201	Marine Communication	Core	2	2	3
GMS201	Global Maritime Distress and Safety System	Core	1	4	4
MEN201	Maritime English	Core	3	0	3
CSB201	Chartering and Shipbroking	Core	3	0	3
MEL201	Introduction to Marine Electronics	Core	2	2	4
Total ECTS					**30**
II. Class / IV. Semester					
Course Code	**Course Name**	**Core Elective**	**Theory**	**Practice**	**ECTS**
NAV202	Navigation III	Core	3	2	5
SAF202	Maritime Safety IV	Core	2	2	3
NRC202	Ship Construction	Core	3	0	3
FMC202	First Aid and Medical Care	Core	2	2	3
NAV204	Electronic Aids to Navigation	Core	2	2	3
CRG202	Cargo Handling and Stability	Core	2	2	3
TSM202	Technical Ship Management	Core	2	2	3
LAW202	Maritime Law and Conventions	Core	4	0	4
TE**	Technical Elective	Elective	3	0	3
Total ECTS					**30**
Total ECTS					**120**

Examination Regulations, Assessment and Grading		
Grade	**Coefficient**	**Percentage**
AA	4	90-100
BA	3.5	85-89
BB	3	80-84
CB	2.5	75-79
CC	2	70-74
DC	1.5	60-69
DD	1	50-59
FF	0	49 and below
NA	-	Participation rate is below 70%

Mode of Study
Full Time
Field(s) of Study
Maritime Transportation and Management
Head of Program and ECTS Coordinator

Head of Program	Oceangoing Master Mehmet Emin Debeş
ECTS Coordinator	Dr. Gökhan Tarı