



STC-GROUP

**POST GRADUATE
DIPLOMA
MANAGEMENT
STUDIES**



PORT, SHIPPING AND TRANSPORT MANAGEMENT



EDUCATION AND TRAINING IN THE WORLD OF PORTS, SHIPPING AND TRANSPORT



The STC-Group is a world-wide strategic combination of well-established education, high-end training, research, support and consultancy service providers for the entire shipping, port, transport and logistics chain, as well as for the port-related oil and chemical process industries.

This combination of forces enables the STC-Group to offer a multi-faceted program, ranging from education and training to consultancy services, research and technical assistance.

STC-Group member Shipping and Transport College offers high-level education and training for operational and management positions in the transport and logistics chains, dedicated to optimize the development of human resources. The levels of education range from basic operational training to Post Graduate Higher Education. Shortly a one year full-time Master of Science in Shipping program will be added to the STC-Group range of courses.

To support the education and training programmes of advanced operational and management simulation and training equipment is used. This includes the unique Transport Chain Simulator®, developed exclusively by the STC-Group.

The STC-Group consists of:

- Shipping and Transport College and Hogeschool voor de Zeevaart (University for Professional Maritime Education)
- STC B.V. (incorporating former daughter companies Dynamar Consultancy BV, International Maritime Transport Academy, Maritime Simulation Rotterdam BV

- Safeway Maritime Rotterdam B.V. (an exclusive joint venture with the Dutch Pilotage Association)
- Maritime Human Resources B.V.
- STC-Southern Africa (Pty) Ltd.
- STC-Vietnam
- Simulator Assisted Applied Research (SAAR®)

In addition joint-venture international companies with other partners exist in:

- Vietnam: Vina-STC (joint venture with Vinalines, Hanoi, Vietnam) and Maritime Education and Human Resource Centre (UT-STC) joint venture with University of Transport in Ho Chi Minh City
- Oman: International Maritime College Oman L.L.C.
- Philippines: Netherlands Shipping Training Centre

IMTA was established in 1981 as a non-profit foundation. For many years it has been a fully owned subsidiary of the STC-Group. From the beginning IMTA's objectives have been:

- to transfer knowledge on maritime transport and other related areas to students from all over the world
- to provide full-time international education at post-graduate and other levels on subjects related to maritime transport management.

In order to realize these objectives IMTA offers a number of courses, among which a full-time post graduate diploma course in Port, Shipping and Transport management (Diploma Management Shipping -DMS). IMTA is a member of the Federation of International Education Institutes (FION) of the Netherlands.

The non-profit foundation STC-Group, is continuing the activities of IMTA. IMTA was responsible for the organisation of the DMS course

The department of Higher Education of the STC-Group is executing the DMS course.

THE DMS COURSE

Introduction

"Educating tomorrow's transport managers" is the adagio of the DMS course. Nowadays, (future) managers in many countries in the maritime and transport sector are confronted with changes in the industry. Examples: globalisation, containerization, IT technology, intermodal transportation, supply chain concepts, to name a few. The course provides the participants not only with a solid basis in managerial subjects but also with in-depth knowledge of the port & shipping sector and the latest developments in transport management.

What is a more suitable place to conduct such a course than in one of the largest ports of the world (Rotterdam), located in a country with a maritime tradition that has been built over centuries, and since 2005 in one of the most advanced education & training facilities in the world?

The mixture of international backgrounds of the students ensures a continuous interaction of ideas and experiences, both in a social and in a professional sense.

Duration and Course Location

The course has a duration of 8 months, starting yearly in September and running until May of the following year. In between there is a holiday break at the end of December.

The Course takes place at the brand-new building of the STC-Group, open since September 2005 and located on the waterfront of Rotterdam. Designed to the latest technology standards, the building is one of the most advanced education & training centers in the world,





incorporating state-of-the-art class-rooms, computer rooms, simulators, library, conference facilities, restaurant & pub, leisure and sport facilities and with easy access to public transport and the city centre

Course objectives

- To provide the participants with the knowledge, skills and techniques necessary to deal with all kinds of developments in international maritime transport.
- To enable the participants to make effective use of management information and management control systems.

Target group

The post graduate DMS course is targeted at people working at a middle managerial or supervisory level in private or public organizations in the maritime and transport industry.

Also people from other branches of industry, e.g. banking and insurance, operating in a maritime environment are able to participate successfully. Many merchant marine officers, preparing for a shore-based job have graduated from this course.

Entry qualifications

This is a post graduate course. Applicants must hold at least an appropriate bachelor's degree or its equivalent.

Proficiency in the English language is essential. Candidates whose previous education was not in the English language are required to take a test.

Students should at least be 23 years of age and have some experience in the maritime industry. Exceptions can be made when an applicant has more than four years' experience in the maritime industry, is older than 27 and has strong recommendations from his/her superiors.

The final decision on admission lies with the admission board, which is evaluating all applications individually.

Application

Please send all applications via the enclosed application form, accompanied by the necessary documents as mentioned in the application form to the address mentioned on the last page.

Methodology

A variety of training methods is used, mixing theory and practice. Formal lectures, discussion sessions, assignments, case studies are the core of many subjects. But also modern training aids like simulation programs and simulations are used. The knowledge obtained is to be applied in case studies and management simulations, observed and tested during field trips to ports and companies in the Netherlands and other Western European countries.



Lecturers

The lecturers in the DMS course are subject specialists. All of them are seniors in their field. Many have worked for years in the maritime industry in the Netherlands and abroad. Others are lecturers at universities or other specialized educational institutes for higher professional education. Also many guest lecturers from the industry are invited to share their specialist knowledge with the students.

Diploma

Participants who successfully pass the exams obtain the "Post Graduate Diploma Port, Shipping and Transport Management".

Participants who do not pass the exams receive a "Post Experience Certificate".

DESCRIPTION OF SUBJECTS PER TOPIC:

Costs

The tuition fee per person is € 11195,-, including all books and course materials. (€ stands for Euro, which is the local currency).

In addition there are costs for various insurance coverage (compulsory) including medical insurance of € 400,- per person for the duration of the course.



Fellowships

Each year the Dutch Government provides some scholarships for the DMS course. The fellowships cover the total of tuition fee, course material, insurances, international travel and living expenses for the duration of the course. Applications take place through the Netherlands Embassy or a Consulate in the country of origin. The fellowships are subject to the rules and regulations of the Netherlands Fellowship Programme (N.F.P.). For all information on rules, regulations and requirements, please consult the Dutch representatives in your country. It is also possible to apply for a fellowship with the World Bank, the Asian Development Bank, I.M.O. or other (regional) financial institutions. Application for a fellowship with any of these organisations however is a matter of private initiative of the individual students.

Course design

In line with present day global development the basic concept of the course is that the participants should get familiarized with management in a privatized environment. Market orientation, profitability and competition are the key issues with which the students are confronted.

An outline of time allocated for the course topics and the percentage for that particular topic is shown here:

personal research project	± 8 %
port management	± 22 %
shipping	± 22 %
field trips & guest lectures	± 9 %
information management/IT	± 5 %
management	± 34 %

Management

Macro Economics and Marketing

Basic concepts and principles of macro economics are necessary for analysis of business conditions in the light of different economic theories. "National income accounting", "income determination", "inflation and output determination" and "balance of payment" are subjects treated.

The marketing mix (both for products and for services) is the core subject. Demands of the market and the objectives & constraints of the organization should be balanced.

Management and organization

Knowledge of organisation development and of organisational characteristics as entities of co-operating individuals with each their own behaviour is a condition for understanding management. Company strategy and policy, necessary subjects for managers, are consequently part of the course subjects. All this is being related to leadership styles.

Accounting and finance

Main ingredients are basic concepts and techniques of accounting. The use of accounting in the internal administration in a company is treated, but also the use of accounting in the preparation and interpretation of external reports.

Strategic Management

Strategic management is the management of the process of environmental analysis, strategy formulation, strategy implementation and strategic control. The scope of Strategic Management is greater than any one area of operational management and includes understanding the concepts of strategic positioning of the business, the making of strategic choices for the future and the turning of strategy into action.



Project management

Planning, organization and control of projects are treated as an integral part of project management. The categories project participants and good inter-action between them, and - most important- ways of achieving quality with the help of a break-down structure are a.o. parts of this subject.

Information management

Objective of this subject is to acquire the skill to solve information problems with the help of a computer. The students learn to work with Microsoft Office programmes (spreadsheet, word processor, data base). Also, the setting-up of an information center and making computer-based presentations will be part of this subject.



Port management

Port Administration

Port policy, port infrastructure, investment policy, price setting, but especially privatization are important issues nowadays. Ample attention is given to decision-making regarding privatization issues, especially the different models of port management.

Port and terminal operations

Terminal operations are not the same for different type of goods and services, subjects like specialization and port competition, especially related to containerization, are treated. Who are the customers and what are their demands, particularly in relation with modern maritime developments. Operational, organizational and economic aspects as well as human resources aspects are treated.

Shipping

Structure and operation of the shipping industry

Objective is to enable the students to analyze economic problems and policies related to shipping management. Attention is given to international organizations dealing with shipping.

Quality Management

A range of subjects in relation to quality and quality maintenance management. ISO-9002, IIP and management strategies like Deeming and the Kaizen method are discussed in profound. The International Safety Management Code is discussed from both the shore as the vessels point of view. Topics like history of the code, ISM requirements and in- and external audits are all supported by the use of practical cases.

Maritime Law

The scope of international treaties related to the movement of goods across the oceans, the consequences for parties concerned and the attitude and views formed by judicial courts in

various countries. Basic knowledge of English law is part of the subject as preparation for the laws mentioned above.

Marine environmental protection

More and more important nowadays are rules and regulations regarding oil and chemical pollution, waste disposal and reduction of energy consumption.

Logistics

"Door to door service", "just-in-time", "outsourcing" concepts demand other attitudes from the transport industry. Logistics in transport matters deals not only with transport and transport organisation, but also with other issues like trans-shipment, storage of goods and value-adding services. The relationship between these determine the logistic flow of goods in the transport chain, the total cost of transportation, the customer service and ultimately the competitive edge of a provider of transport services.

Marine insurance

Insurance is an important intercessor of contractual and legal risks. Together with legal knowledge, knowledge of insurance forms the basis of risk management, a necessary element of damage prevention.

Personal research project

Each student is required to define and execute a research project of a managerial subject, which is related to their own home situation. Application of the knowledge, obtained during the course, to the situation in the home country and the organisation for which the student works, is considered essential. The student describes a (problem) situation, executes research and gives suggestions for solutions. The project is carried out under the guidance of a tutor, who is mostly one of the lecturers, treating the subject concerned.



Examination

Examinations take place throughout the Course. The students are allowed time for study before the written exams. For many subjects assignments and papers -to be submitted in written form and to be presented orally- take the place of traditional examinations. They are evaluated and graded. In addition, the research project, to be presented and defended before a panel of lecturers and in the presence of their fellow students, also counts as part of the examination.

Lodging

IMTA students usually live in an apartment building rented by the Institute. The building is situated within half an hour's travel from the STC-Group/IMTA building, where lecturing sessions take place.

Living in the Netherlands

Rotterdam is a melting pot of cultures. There are several other international training institutes, which makes contacts with other fellow(wo)men of the country a good possibility for many nationalities. Public transportation is well-developed and travel by train to international destinations is easy. Almost all the Dutch (which is what the people from the Netherlands are generally called) speak English. This makes getting around even easier.

Rotterdam is located in the river Rhine delta, which explains the many inland waterways and lakes.

The climate in the Netherlands is a typically mild maritime climate with relatively soft wet winters and summers, and lots of cloudy, overcast days. Only relatively seldom do the temperatures reach a point below zero degrees celsius during daytime.

Address

Please direct all your correspondence to the address mentioned below:

STC-Group / IMTA

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