

Diploma in Maritime and Offshore Management

Module Synopses

1. Maritime Economics and Shipbroking

This module incorporates the understanding of maritime economics and the business of ship broking, chartering and ship sale & purchase. The former aims to equip students with the knowledge and skills of economics and the commercial environment in which the shipping industry operates, including the factors that influence the supply and demand of shipping services. The latter will provide insights into the business of ship broking and chartering. The students will learn through working on a series of current ship chartering contracts, ship sale and new building contracts which includes the process of negotiating a charter party and related documentation, law and valuation of ships.

2. Maritime Law and Insurance

This module aims to provide students with knowledge and understanding of the main principles of Maritime law and the commercial, safety and environmental policies and values which underpin it. The students will be provided with the experience in dealing with legal principles deriving from a variety of legal instruments, including international conventions, statutes and case law. The module will also provide students with an understanding of marine insurance and how different aspects of marine insurance play a role in shipping. Topics covered include functions of marine insurance in shipping, placing a risk in the market, Institute Hull and Cargo Clauses, P & I Club, and marine pollution protection schemes.

3. Cargo Management and Ship Surveying

This module aims to provide a basic understanding of the basic elements in policy making, planning and management of ports and terminals with particular reference to the Port of Singapore. It also provides a broad knowledge of the handling, stowage and carriage of dry and liquid bulk as well as container management and safe transportation of dangerous goods. IMO conventions, surveys and the commercial aspects of on/off hire and bunker surveys are also covered in this module.

4. Ship and Financial Management

This module aims to provide students with a thorough knowledge and understanding of the shipping business of Health Safety Security and Environment (HSSE), Ship Management, local and international Regulations, Voyage Estimating, General Planning, Operational functions of a

ship manager and Port Agency. Student will also be taught on Financial Management in shipping and among other things include topics on basic accounting, costing, capital budgeting and international finance.

5. Maritime and Offshore Operations

This module aims to provide students with an overview of the offshore industry and related operations. The students will learn and appreciate the main types of international agreements on oil exploration and the various parties involved in the exploration. They will also learn the organizational structure of a typical offshore management company and the basic training requirements for offshore personnel. Particular emphasis will be placed on the operations of different types of vessels deployed for various purposes of offshore operations such as seismic survey, oil exploration/production and pipe laying.

6. Supply Chain Management

This module aims to provide a thorough knowledge and understanding of how supply chain management and distribution channels play an integral role in a firm's marketing strategy. The elements of a typical Supply Chain will be covered, including the important role of transportation within the Supply Chain Network. It also discusses the basic concept of supply chain management, the types of channel structures and the factors that influence channel designs, development and performance. The areas of Cold Chain Management, role of IT in Supply Chain Management, Customer Value in a supply chain and the aspects of Supply Chain Security will also be scrutinised.