**Module Synopsis**

## Diploma (Conversion) in Maritime Business Management (NVMBM)

| PDC 1: | Post-Diploma Certificate in Shipping Business & Operation | (135 hours) |
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| **1.** | **MA5080 Maritime Economics & Shipbroking** | **(45 hours)** |

This module incorporates the understanding of maritime economics and the business of shipbroking, 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. Students will learn through working on a series of current ship chartering contracts, ship sale and new building contracts, which include the process of negotiating a charter party and related documentation, law and valuation of ships.

| **2.** | **MA5081 Maritime Law & Insurance** | **(45 hours)** |
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The aim of this module is to provide students with knowledge and understanding of the main principles of maritime law and the commercial, safety and environmental policies and values that underpin it. The students will be provided with the experience in dealing with legal principles deriving from 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, General Average claims, P & I Club, and marine pollution protection schemes

| **3.** | **MA5082 Port & Cargo Management** | **(45 hours)** |
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This module aims to provide a sound understanding of the basic elements in policymaking, planning and management of ports and terminals with reference to the Port of Singapore. Emphasis is placed on the ship-shore interface with regards to the planning and organization of resources to achieve optimum performance pertaining to container and bulk operations. 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. Basic elements in the operations of port agencies that include the understanding of shipping documentations, practices, disbursements and maritime fraud are also covered in this module.

| PDC 2: | Post-Diploma Certificate in Ship Management & Offshore | (135 hours) |
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| **1.** | **MA5083 Marketing & Financial Management** | **(45 hours)** |

This module will provide participants with a broad knowledge of Financial Management whose principles can be practically applied in shipping and ship management companies. Further, it will also provide a fundamental understanding of the financial tools and techniques that are used in shipping investments. The topics would include areas of financial environment such as accounting & financial reporting, financial analysis, elements of costing and budgeting, investment appraisal and working capital management. The marketing element of the module will provide students with a basic knowledge of marketing, its role and its application in the shipping industry. Emphasis will be given to the characteristics of shipping services and their marketing implications for strategy development and implementation. A discussion of the role of Internet and marketing using the World Wide Web will also be discussed.

| **2.** | **MA5084 Ship Management & Surveying** | **(45 hours)** |
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This module aims to provide a thorough knowledge and understanding of ship management, as well as ship surveys. Ship management deals with seaworthiness of vessels, which includes crew and technical management. Additionally, it also covers commercial management, which includes voyage estimations and responsibilities of an operations department. Ship surveys play an important role in the management of ships. This module will provide students with the concept and coverage of the various surveys, including the commercial aspects of on/off hire and bunker surveys.

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| **3.** | **MA5086** | **Marine Offshore Operations** | **(45 hours)** |

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. 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.