Merchant Marine Officer Programmes

These programmes provide training for persons wishing to develop a career in seafaring. Students enrolled in this programme are known as nautical cadets. They are trained in the rudiments and theory of nautical studies and are taught shipboard operations. Students may choose between two specializations:

BSc. Marine Transportation
BEng. Marine Engineering
OBJECTIVE
To prepare participants for sea service/employment on seagoing vessels with the necessary qualifications to pursue further training.

ENTRY REQUIREMENTS
Candidates must have a minimum of:
Five (5) GCE "O" levels or CXC subjects (Mathematics, English, Chemistry and/or Physics are mandatory prerequisites) and must be between the ages of 17 and 23, as of July 1 of the year of enrollment.

AND
Candidates will also be required to satisfy the following criteria:
- Sit an academic entrance examination
- Medical Examination
- Psychological Assessment
- Physical Assessment
- Interview
- *Two Week Indoctrination Training Exercise (once accepted)

COURSE FORMAT
Cadets will complete two (2) years of academic training, followed by three (3) months of practical training in year three (3) and nine (9) months in year 4.

N.B Cadets are required to reside on campus for the duration of their final year.

BSc. MARINE TRANSPORTATION

MAIN COURSE CONTENT
• Cargo Handling and Stowage
• Mathematics
• WatchKeeping
• Maritime English
• Meteorology
• Coastal Navigation
• Celestial Navigation
• Ship Construction and Stability
• Electronic Navigation Systems
• Mechanical Engineering Science
• Seamanship (Theory and Practice)
• Visual Signalling (written and practical)
• Information Technology
• Basic Safety Training
• Statistics and Probability
• Academic writing
• Maritime legislation
• Electronics

BEng. MARINE ENGINEERING

MAIN COURSE CONTENT
• Mathematics
• Electrical Engineering Science
• Engineering Drawing and Design
• Marine English
• Industrial Chemistry
• Hand and Power Tools
• Basic Engineering Science
• Machine Tools
• Marine Engineering Maintenance
• Fabrication and Welding, Joining and Cutting
• Thermodynamics
• Mechanical Science
• Ship Construction and Stability
• Information Technology
• Engineering Knowledge
• Electrical engineer
• Basic Safety Training