

# Port and Maritime Advanced Education Opportunities.

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# Introduction

“...International Chamber of Shipping warns that the industry must significantly increase training and recruitment levels if it is to avoid a serious shortage in the total supply of officers by 2026”.

Given the growing demand for STCW certified officers, the Report predicts that there will be a need for an additional 89,510 officers by 2026 to operate the world merchant fleet”

# THE REALITY...

- ▶ Maritime education and training in the region is affected by challenges and barriers due to the nature of its physical geography.
- ▶ The countries are spread throughout the basin and do not form a continuous territory. Due to its naturally discontinuous design, joint strategies and regulatory frameworks are sometimes hampered by external interests.
- ▶ Steps should be taken to increase recruitment and training to boost the supply of officers.
- ▶ Training and education focusses primarily on seafarers

# The CMU Advantage

# THE CMU ADVANTAGE



- ▶ Currently, the CMU is the only maritime education and training institution in the Caribbean that exists in an IMO whitelisted country that can grant licensure to seafarers. We are open to partnerships that will benefit the region and the industry.
- ▶ Training right up to graduate degrees

# THE CMU ADVANTAGE



- ▶ The CMU is ISO 9001:2015 certified and other training institutions need to follow
- ▶ Accreditation by the University Council of Jamaica

# AREAS THAT PROVIDE FOCUS TO THE CMU

- ▶ The industry continues to be impacted by shortages of seafarers
- ▶ Introduction of new technologies to reduce ship emissions and fuel consumption
- ▶ Training and certification of Electro Technical Officers (ETOs) to meet the new demands
- ▶ Training needed in that areas that buttress seafaring. Viz ports, security, logistics and the supply chain and engineering.
- ▶ The role of women in the industry.

# ACTIVITIES SPECIFIC TO SEAFARER TRAINING



# ADVANCED TRAINING FOR SEAFARERS

- ▶ Continued training of seafarers – cadets (navigators and engineers)
- ▶ Master and Chief Mate (STCW Reg. II/2)
- ▶ Chief Engineer and Second Engineer (STCW Reg. III/2)
- ▶ IMO STCW short courses.
- ▶ Quality assured by IMO audits via our MARAD- the Maritime Authority of Jamaica.

# Current Partnership and MOUs

- ▶ In bridging training and certification gap, the CMU has embarked on the following initiatives leading to some MOUs
- ▶ LMJ Maritime Academy, the Bahamas ( the concept of a 2+2) leading to Bachelor degrees
- ▶ MatPal Maritime Institute Inc. Guyana (the concept of a 2+2) leading to Bachelor degrees University of Guyana
- ▶ The role of the American Caribbean Maritime Foundation (ACMF) providing scholarships to Cadets from across the region.

# OTHER PROGRAMMES OF STUDY

# UNDERGRAD LOGISTICS PROGRAMMES

- ▶ BSc Port Management
- ▶ BSc Logistics and Supply Chain Management
- ▶ BSc International Shipping
- ▶ BSc Custom Processes Freight Forwarding and Immigration
- ▶ BSc Cruise Shipping & Marine Tourism Management

# UNDERGRAD ENGINEERING PROGRAMMES

- ▶ Bachelor of Engineering in Industrial Automation
- ▶ Bachelor of Engineering in Industrial Systems
- ▶ Bachelor of Engineering in Mechatronics
- ▶ Bachelor of Science in Artificial Intelligence and Computer Systems
- ▶ Bachelor of Science in Marine Biotechnology

# UNDERGRAD SECURITY PROGRAMMES

- ▶ BSc Security Administration & Management
- ▶ BSc Bachelor of Science in Cyber Security and Digital Forensics

# UNDERGRAD SEAFARER PROGRAMMES

- ▶ BSc Marine Transportation
- ▶ BSc Marine Engineering
- ▶ BSc Architecture and Marine Surveying



# GRADUATE PROGRAMMES OF STUDY

# MSc Logistics & Supply Chain Management



- ▶ Fully accredited by the UCJ, the CMU's Master of Science in Logistics and Supply Chain Management programme is designed to prepare mid-to-upper-level managers in the logistics industry to take increasing levels of responsibilities and leadership positions in the field.
- ▶ The entry requirement for the programme is a bachelor's degree. The duration is 18 months part time. The capstone project is a thesis on shipping and or logistics management and operations.

# MSc Logistics & Supply Chain Management

- ▶ Graduates of this degree program are prepared for a variety of upper-level logistics and supply chain management positions such as:

Director of Logistics and Supply Chain

Senior Supply Chain Management Analyst

Performance Improvement Senior Manager

Supply Chain Technical Analyst

Director of Purchasing

Logistics Management Analyst

Commodity Manager

Operations Manager

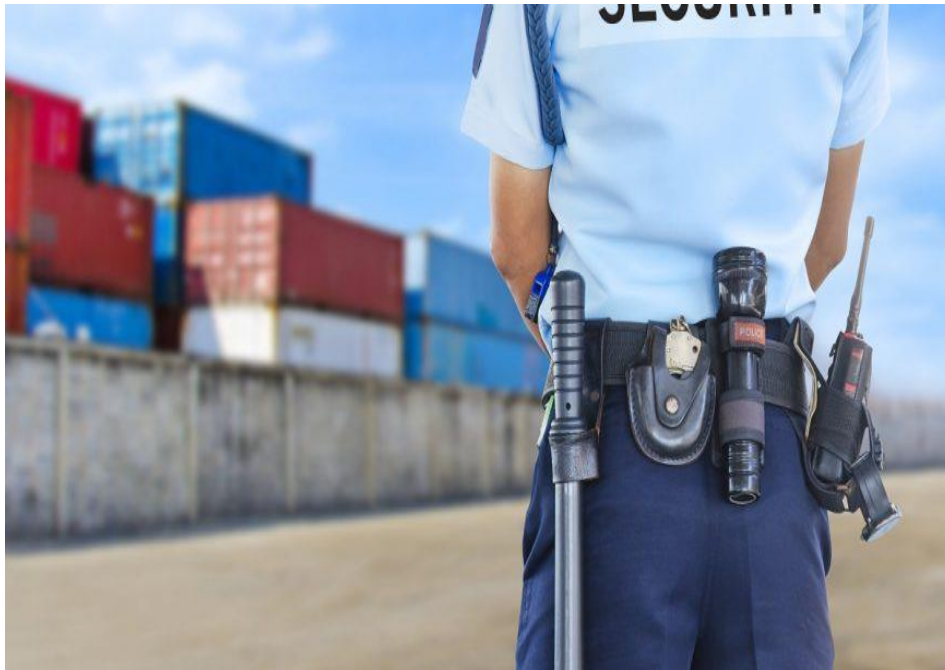
Strategic Planner

# MSc Security Studies



- ▶ The Master of Science degree in Security Studies targets security professionals, mainly from the JCF and within the public security sector comprising of the Military, Customs, Passport Immigration and Citizen Agency (PICA), Correctional Services, Fire Department and Port Security Corps as well as Senior Supervisors and Managers in the private security industry.
- ▶ The CMU will admit to the programme, any member of the security forces and private security industry who has completed a related bachelor's degree.

# MSc Security Studies



- ▶ Graduates of this degree program are prepared for positions as:
  - ▶ Strategic Level Managers in the Police force
  - ▶ Mid and Upper Level Managers in the Army
  - ▶ Senior Level Security Analysts
  - ▶ Mid and Upper Level Managers in the Correctional Service
  - ▶ Security Managers and Administrators
  - ▶ Loss Prevention Managers



# Master of Engineering, Industrial Systems



- The Programme within a regional and global context will prepare a cadre of graduates who will serve as leaders within the field of Industrial Systems engineering.

# Master of Engineering, Industrial Systems



- ▶ Candidates possessing a first degree in industrial, mechanical, electrical, electronic, chemical, engineering from a recognized institution can be accepted into the programme. Persons with an applied physics degree will be accepted on a case-by-case basis.
- ▶ The duration of the MSc. in Industrial Systems is 2 years, i.e., 18 months of classes and 6 months of research (thesis). 41 credits from 11 taught courses – only one elective to be done (See table below) 6 credits from an 8,000 words thesis

# FINAL WORDS

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A DREAM written  
down with a date  
becomes a GOAL.

A goal broken down  
into steps becomes  
a PLAN. A plan  
backed by ACTION  
becomes REALITY.

JOURNEYSTRENGTH

# SOME RESOURCES...

- ▶ Professional organisations like wimac
- ▶ Your industry network
- ▶ Available scholarships
  - Local
  - Commonwealth (e.g. chevening)
- ▶ Online resources
  - [www.coursera.org](http://www.coursera.org)
  - LinkedIn
  - Youtube
  - Social media groups
- ▶ Further professional certification
- ▶ Formal education
  - CMU
  - UTT
  - WMU
  - Local universities/ colleges
  - Career enlargement/ change within the sector

# Establish your Personal Destination.

- ▶ Where are you going?
- ▶ *What Is your goal?*
- ▶ Personal development?
- ▶ Professional development?
- ▶ Both?



THANK YOU