

Captain Augusta D. Roth, MBA, DBA

Career Positions:

Department Head of Maritime Transportation - Texas A&M University at Galveston
Full Professor of the Practice in Maritime Transportation
Assistant Superintendent of STCW and Academics Texas A&M Maritime Academy
Assistant Department Head of Maritime Transportation - Texas A&M University at Galveston
Lecturer Maritime Transportation
Master and Mate aboard various sea going vessels
Instructor for Center of Marine Training & Safety

Education:

Walden University: Minneapolis, Minnesota
Doctorate of Business Administration in Leadership - December 2018

University of Phoenix: Houston, Texas Branch
Master of Business Administration - December 2008

Texas A&M University at Galveston: Texas A&M Maritime Academy
Bachelor of Science in Marine Transportation - August 1996

College of the Mainland
Associate of Applied Science in Emergency Medical Services
Intermediate Medical Technician Certification (EMT-Intermediate)

Certification:

U.S. Coast Guard Master Unlimited of Steam or Motor; Any Gross Tons; Upon Oceans
STCW 2010-BST & with All Entry/AB Unlimited Credentials
USCG Approved Bridge Resource Management
USCG Approved Leadership and Management
USCG Approved Vessel Security Officer, VPDSO, and Security Awareness
USCG Approved GMDSS Elements 1 & 7 with corresponding FCC licensing
USCG Approved Radar/ARPA/ECDIS
Diamond Offshore Comprehensive Stability and Ballast Control
USCG Approved Fast Rescue Boat
Military Sealift Command Approved Chemical, Biological, and Radiological Defense
USCG Recognized Simulator Instructor Training & Train the Trainer
USCG Approved Confined Space Firefighting Basic and Advanced
USCG Approved First Aid Provider; First Responder & PIC Medical Care on Board Ship
National Emergency Medical Technician-Intermediate (previously held)
American Heart Association First Aid Provider and CPR Instructor
TOAR – Towing Endorsement Qualified

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Professional Experience:

- ◆ Currently Maritime Transportation Department Head, Oversee Deck Officer STCW & Academics, and Instructor with Center of Marine Training & Safety
- ◆ Financial manager \$887,000 payroll & \$135,000 or greater operations funds
- ◆ Assistant Department Head – oversight of all logistical programming, advising, and scheduling of faculty and students
- ◆ Participate in Maritime Academy Council (MAC) to advise MARAD and USCG of issues in implementing various national and international regulations. Previously held the Secretary position in 2011. Currently, represent the Deans level of meetings for Texas A&M Maritime Academy
- ◆ Created the STCW '95 & 2010 tracking process for both manual and electronic processes in the deck and engine programs.
- ◆ Restructured Deck Officer Curriculum to ensure better development of merchant mariners and follow International Maritime Organization and USCG Audit rules and regulations as posted in NVICs and other maritime policies.
- ◆ Generated and presented ship conversion plans to MARAD under Dr. McCloy for Sirius and participated in several new build discussions for multi-purpose training ships. Continue to provide advice on new ship builds for the United States.
- ◆ Trained and assisted various personnel of the MART Department and the Texas Maritime Program to ensure continuity between academic and support departments, USCG NVIC, and IMO procedures.
- ◆ Lecturer for cadets and general mariners while mentoring cadets in academic, personal, and professional careers.
- ◆ Designed, operated and maintained Full Mission Bridge Simulator, Integrated Navigation Laboratory for Radar/ARPA/ECDIS simulator for both academic classes and recruiting.
- ◆ Found external grant funding through donations to upgrade and maintain various simulator labs
- ◆ Designed the first shoreside Seamanship Lab and Lifeboat Lab at Texas A&M Maritime
- ◆ Courses taught include: Seamanship, Regulatory, Naval Architecture, BRM, Shiphandling, RADAR, ARPA, ECDIS, Lifeboatman, BST, Terrestrial Navigation, & more.
- ◆ Creative mind which helped TAMMA overcome deficiencies over the years in many areas which have been adopted, but continuously looking for new avenues for efficiency and best practices for limited resources
- ◆ Extensively consulted University on Electronic Officer program development
- ◆ Excellent reviews in industry about my merchant mariner skills, connection with maritime industry and graduates of A&M.
- ◆ Continuously looking for internships for Cadets to increase skills required by the industry while allowing companies to review employee candidates.
- ◆ Completed Leadership Challenge created by Kouzes and Posner
- ◆ Doctoral Study required intimate research of structures of State Maritime Academies' interaction between academics, ship operations, and funding from both National, State, and Local levels.

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Maritime Skills/Training:

Harbor Tug – TOAR complete
Oceans, Near Coastal, and Inland Water Experience
Offshore Lightering – Started training as Mooring Master in the Gulf of Mexico
Small Boat and Ship Handling
 Single Screw VLCC, Tankers and Training Ship
 Controllable Pitch Propeller Training Ship
 Twin Screw OSVs
 Z-Drive Harbor Tugs
Dangerous Cargo Handling - Tankerman
Marine Surveyor, Inspection, & Marine Consulting
Vessel & Engine Maintenance
Business and Financial Management
Bridge and ARPA/RADAR Simulator Trainer
STCW 2010 Course & Full Mission Bridge Simulator Instructor
Computer Skills in Various Window Based and Management Program
Advanced Multitasking & Solution Solving Skills

Courses Created and Taught in Maritime Professional Field since 2000:

University Level for Upcoming Mariners

- ◆ Lifeboatman
- ◆ Basic Training for Personal Survival Techniques
- ◆ Basic Training for Elementary First Aid
- ◆ Basic Training for Personal Safety & Social Responsibility
- ◆ Terrestrial, Celestial, Electronic, and Integrated Navigation
- ◆ RADAR, ARPA, and ECDIS
- ◆ Seamanship & Various Wet & Dry Cargo Handling
- ◆ Vessel Structure & Ship Knowledge
- ◆ Maritime Meteorology
- ◆ Rules of the Road – International & Inland
- ◆ Shiphandling & Stability
- ◆ Bridge Resource Management
- ◆ Leadership & Communications
- ◆ All levels of summer sea terms

Courses Taught for Mariners as Continuing Education & Professional Development

- ◆ RADAR Recertification
- ◆ Morse Code
- ◆ Basic Safety Training
- ◆ APA Bridge Resource Management – Pilot
- ◆ USCG Recognized Train the Trainer
- ◆ Built various courses needed upon request for maritime education and research

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Vessel Experience with months at sea:

- ◆ Training Ship Kennedy – Deck Officer 3 months
- ◆ Training Ship General Rudder – Deck Officer 10 months
- ◆ Training Ship Golden Bear – Deck Officer 9 months
- ◆ Harbor Tug Edwin N – 2nd Captain/Wheelsman 1 month
- ◆ Harbor Tug Dee White – 2nd Captain/Wheelsman 1 month
- ◆ Harbor Tug Lynn Moran – Wheelsman 2 month
- ◆ Offshore Supply Vessel – Captain
- ◆ Offshore Supply Vessel – Mate
- ◆ Training Ship Texas Clipper II – Deck Officer/Chief Mate 13 months
- ◆ Lightering Support Vessel Gulf Guardian – Captain/Mate 2 years
- ◆ Lightering Support Vessel Gulf Defender – Mate 3 months
- ◆ Lightering Support Vessel Gulf Protector – Mate 2 months
- ◆ Various Tankers as Mooring Master and Mooring Master Assistant 1 year
- ◆ Lube Oil Delivery Lady Joan – Captain, Tankerman, & Engineer 9 months

University Committees and Projects:

Promotion and Tenure for both faculty and creation of new guidelines
Curriculum Review of all Maritime License Options for both Deck and Engine
Summer Sea Term Task Force
University Curriculum Committee
Scholarship and Awards Committee
Faculty Advisory Committee
Library Committee
CLIDE Committee– International, Cultural, and Diversity Committee for Campus
COO, Superintendent, various faculty and staff Search Committees
University Representative for CSA and Clery, Campus Security
University Assessment Council for Weave and now AEFIS required by SACS
Represented Texas A&M Qatar with advising Qatar Navy on maritime simulation and curriculum development
Texas A&M Liaison for creating Memorandums of agreements for Maritime Community Colleges and High Schools to transfer into MART program: San Jacinto, Lamar, Stephen F. Austin High School
International Consulting for Texas A&M to build maritime programs in Panama and Puerto Rico
Work closely with Texas A&M Foundation to find donations for the Roth Training Ship Fuel Fund and other maritime donations for the MART department (ship models, funding for simulators, etc.)
Direct oversight and management of Continuing Maritime Training and Safety transportation oriented courses
STCW, licensing, and credentialing expert for creating and implementing documents and tracking for cadets
Served on STCW and Audit teams for reviewing other State & Federal Maritime Academies
Serving on Sub-Committees in student success initiatives and strategic planning for University and Departmental levels

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Community Involvement:

Participated in the replanting of Trees in the Galveston Community after Hurricane Ike
Participated in the Big Clean up in Dickinson, Texas after Hurricane Harvey
Annually support local Independent School Districts with Career Days for K-12
Monthly Participant at Galveston Prop Club to support Scholarship funds for Texas A&M
Strong supporter of Seafarers' Center by promoting their goodwill to cadets and mariners
Highly active in Boy Scouts and Bay Area Council by participating in multiple events: Native American Weekend, Annual Cub Camp, Veterans Memorial Day Parade, and more.

Other Maritime and Academic Skillsets used in Daily Operations:

Team Building and Leadership
Operations and Logistic Management
Regulatory and Policy Compliance
Critical Problem Solving
All Areas of Maritime Operations and Consulting
Strategic Planning and Departmental Guideline Policy creation and implementation
Mediation and Academic Review and Grievances for students, faculty, and staff
Adhere strongly to the Aggie Honor Code and Core Values: Excellence, Integrity, Leadership, Loyalty, Respect, and Selfless Service
High Adaptability with change and excellent time management
Interpersonal skillset is strong due to the nature of handling various personalities in LO programs that reach 500 cadets at one time

Professional Memberships, Awards, Conferences and Publications:

National Council of American Master Mariners – Secretary/Treasurer
Local Council of American Master Mariners –Member Houston Chapter
Cadet Council of American Master Mariner – Faculty Mentor/Advisor
Maritime Academy Counsel – Member Dean's Level
Sea Aggie Former Student Network – Board Member Texas A&M University Campus Liaison
Ship Operations Cooperative Program (SOCP) -Member
Who's Who for Profession and Baltimore Who's Who
Assistant Scout Master BSA
Annually, oversee the Texas A&M booth and Former Student Social at International Work Boat Conference, NOLA
Hosted Women on the Water MARAD Conference on Galveston Campus
Hosted Medical Maritime Advisory Committee Federal Conference on Galveston Campus
Hosted Ship Operations Cooperative Program Conference on Galveston Campus
Hosted two TAMUG Former Student Reunions of Galveston Campus
Host General Annual CAMM Meetings – Ponce, P.R., Galveston, San Diego, & Port Canaveral
Editor and reviewer of *The American Practical Navigator* by Nathaniel Bowditch, 2019
Doctoral Study *Leadership Strategies for Retaining Mariners Aboard State Maritime Academy Training Ships*, 2018
Currently on a task force to review international IMO Course Model 2.03 Advance Fire Fighting Course and Compendium
Often asked to review maritime publications, books, and software. Currently working with Richard Plant lapware software and ebooks, along with Frazer Merritt CRC & Engineering,

Routledge on Reviewing *Maritime Transportation: Safety Management and Risk Analysis*, 2nd Edition. Last year, Reviewed *The Business of Shipping*, 9th Edition by Ira Berskin.