

# MAINE MARITIME ACADEMY

A College of Engineering, Management, Science, and Transportation

## Marine Transportation Adjunct Faculty Positions – Spring 2019

### POSITION OVERVIEW

This document describes duties that the Academy expects of adjunct faculty members. Adjunct faculty are non-permanent, temporary faculty who are hired on a semester by semester basis.

The Marine Transportation Department seeks to fill 1-semester adjunct instructor(s) positions starting in January 2019. Instructor(s) to teach Electronic Navigation, , and several sections of Marine Communications Labs, Seamanship, Seamanship Labs, Small Craft Construction Labs, and Tanker Operations Labs are sought. The successful candidate(s) should be experienced with the subject matter and be able to teach modern and traditional seafaring and vessel operation skills.

A baccalaureate degree, valid USCG Unlimited/1600/500 Ton Master with current physical clearance and appropriate STCW certification are required. Prior college level teaching proficiency is highly desirable. Candidates without the above credentials will be considered based on previous, closely-related experience, including appropriate maritime industry or military service.

This position may require teaching aboard various MMA vessels and is subject to MMA's random drug testing program. Pre-employment drug testing and background check are required.

### TEACHING

Teaching responsibilities include time spent in the classroom, laboratory, or training ship(s) and in immediate preparation for these; maintaining and improving competence in subjects being taught; preparing contemporary teaching materials; conferring with students on course materials; directing individual and group studies and practical demonstrations; reviewing written examinations and papers; evaluating presentations; supervising independent study projects, supervising or teaching clinical cooperatives or industry programs, and assigning grades according to existing Academy policy.

### OTHER ASPECTS OF FACULTY PERFORMANCE

Collegiality, as well as professional and ethical conduct, enhances teaching, learning and the general reputation of all persons in the academy. Therefore, all faculty members are expected to serve in a collegial fashion and in accordance with professional and ethical principles when dealing with other faculty members, students, administrators, and members of the public.

### DUTIES

- Teach at undergraduate and graduate level in areas allocated by the Department Head and reviewed from time to time by the Department Head.
- Contribute to the development, planning and implementation of a high quality curriculum.
- Assist in the development of learning materials, by preparing syllabus and lesson plans and maintaining records to monitor student progress, achievement and attendance.
- Participate in the development, administration and marking of exams and other assessments.
- Provide advice and support to students.
- Inform students of their progress by promptly returning assignments, quizzes, papers and exams
- Hold 2 scheduled office hours per week and be willing to meet with students at other mutually agreeable times, if necessary.
- Maintain an awareness and enforce fire and health and safety regulations applicable to the teaching location.

## ESSENTIAL SKILLS

- Teaching and other forms of public presentation.
- Proven record of ability to supervise academic work by undergraduates or masters students.
- Proven record of ability to manage time and work to strict deadlines.
- Ability to write clearly and tailor communication style to meet the needs of the recipient.
- Ability to work collaboratively.
- Commitment to high quality teaching and fostering a positive learning environment for students
- Commitment to MMA's policy of equal opportunity and the ability to work harmoniously with colleagues and students of all genders, cultures and backgrounds
- Excellent interpersonal, organizational and communication skills are essential
- Ability to maintain composure in stressful situations
- High degree of professionalism
- Demonstrated integrity and ability to maintain confidentiality

## MINIMUM QUALIFICATIONS

- Bachelor's degree or higher from an accredited institution.
- USCG Unlimited/1600/500/200 Ton Master with current physical clearance and appropriate STCW certification.
- Prior college level teaching proficiency is highly desirable.

## SPECIAL CONDITIONS

- Background check is required
- Must present original copies of transcripts

## COURSES/POSITIONS AVAILABLE:

**NS 135: Small Craft Construction LAB** - Vessel construction terminology, the process of lofting, and scantling requirements are discussed. The lab is focused on the building of a variety of half models, and work on a small craft. This course supports the marine license program requirements to meet the Standards for Training, Certification and Watchkeeping (STCW). The course may have embedded assessment requirements that must be completed in addition to the class requirements. Rec. 2, Lab. 2, Cr. 3 *4 lab sections available \$1477.50/section*

**NS210 : Tanker Operations Lab** – The Tanker Operations Lab utilizes Maine Maritime Academy's tanker lab, a scale model of a tank barge floating in a pool. The lab exercises allow for practice and demonstration of effective loading and discharging of liquid cargo.

Successful completion of this course will lead to the issuance of the Dangerous Liquid Cargo Certificate and credited with 2 loads & 2 discharges toward the Tankerman PIC endorsement. The presentations will highlight areas of principal concern to the junior officers, especially those necessary to minimize the possibility of accidents and pollution. Included are a detailed study of cargo handling procedures, inert gas systems and crude oil washing, environmental protection, tanker safety practices, and other required topics associated with tank vessel operations. Rec. 3, Lab. 2, Cr. 4. *2 sections available \$1477.50/section*

**NS241 : Seamanship Lab** — The Seamanship Labs focus in knot selection and tying, splicing line, secure lashings, block & tackle, whippings, line care, mooring lines/capstans/winches, and ground tackle.

Seamanship refers to a body of practical knowledge that is essential to creative solutions at sea, as well as to routine shipboard operations. Through labs and lectures the student will be acquainted with

the information and practical skills associated with rigging, mechanical advantage, deck equipment, hardware, maintenance, and line handling and safety procedures. The course includes material appropriate to functioning as an Able Bodied Seaman, as well as to efficiently organizing the work of others. This course supports the marine license program requirements to meet the Standards for Training, Certification and Watchkeeping (STCW). The course may have embedded assessment requirements that must be completed in addition to the class requirements. Prerequisite: NS101. Rec. 2, Lab 2, Cr. 2. ***4 sections available \$985.00/section***

**NS292 : Electronic Navigation** — Introduction to electronic navigation topics including theory, practical operation, and use of modern shipboard electronic navigation instruments. Successful completion of the marine radar portion of this course, the co-requisite NS293 course, and the follow-on course (NS498) leads to certification as Radar Observer as approved by the U.S. Coast Guard. This course supports the marine license program requirements to meet the Standards for Training, Certification and Watchkeeping (STCW). The course may have embedded assessment requirements that must be completed in addition to the class requirements. Pre-requisites: NS271 and NS272. Co-requisite: NS293. Rec. 3, Cr. 3. ***1 or 2 sections available \$2955.00/section***

**NS293 : Electronic Navigation Lab** — Weekly exercises in the RADAR simulator allow the student to practice and develop skills in interpreting RADAR information and using RADAR for collision avoidance, as well as applying theory taught in NS292. Successful completion of this course is necessary for certification as a USCG RADAR Observer. This course supports the marine license requirements to meet the Standards for Training, Certification, and Watchkeeping (STCW). Co-requisite: NS292. Lab 1, Cr. 1 ***4 sections available \$1477.50/section***