

# MAINE MARITIME ACADEMY

A College of Engineering, Management, Science, and Transportation

## Adjunct Instructor - Pre-Calculus Mathematics

### POSITION OVERVIEW

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

Seeking to fill 3 sections, 4 credit-hours/section. Position beginning in late August 2019. Compensation begins at \$1000/unit.

### COURSE DESCRIPTION

#### **4 units: MS101 Pre-Calculus Mathematics**

Includes linear and quadratic equations, inequalities, simultaneous linear equations, matrices, graphs, composite and inverse functions, logarithmic and exponential functions, complex numbers and the complex plane, basic trigonometry, and trigonometric identities and equations. Rec. 4, Cr. 4. Three sections needed—Typical class size 20

### 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 practica; 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 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.
- Hours vary, but must hold 2-3 office hours weekly for an adjunct teaching 12 credit hours per week, or pro-rated portion thereof for fewer credit hours.
- Maintain an awareness and enforce fire and health and safety regulations applicable to the teaching location.

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## **ESSENTIAL SKILLS**

- Teaching and other forms of public presentation.
- Proven record of ability to supervise academic work by undergraduates or graduate 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 in mathematics or a related field.
- Membership in relevant professional organization(s).
- Prior successful teaching/training experience desired.
- Appropriate professional license(s).

## **SPECIAL CONDITIONS**

- Background check is required
- Must present original copies of transcripts
- Tobacco-free campus