

MAINE MARITIME ACADEMY

A College of Engineering, Management, Science, and Transportation

Assistant Professor of Engineering (Electrical Engineering)

POSITION OVERVIEW

This document describes duties that the Academy expects of faculty members. These may change with each academic year, through discussions between you and your department head/dean/vice president. You will be reviewed and evaluated on the basis of how well you perform these duties.

This position will directly support all of the Engineering programs at Maine maritime Academy. The responsibilities for this position will include the following: teaching, student advising, professional development, scholarship, service, and faculty related administrative responsibilities. Teaching and working with students to achieve their educational goals is the fundamental responsibility of each faculty member

The ideal candidate will teach courses with a focus on electrical engineering principles and associated technologies. They should possess an understanding of electrical and electronic devices, electronics, and automation and control systems. A background in teaching and/or working in these areas in the marine (ships, drill ships) or shoreside (power plants, industry, research) environments is preferred for this position.

TEACHING

Teaching responsibilities include time spent in the classroom, laboratory, and/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; reviewing written examinations and papers; evaluating presentations; supervising independent study projects, and supervising or teaching clinical cooperatives or industry programs.

ADVISING

Student advising includes time spent meeting with students regarding academic, curricular and career matters. No advising will be required during the first year of employment.

SERVICE

Academy service includes, but is not limited to, service on the Faculty Senate, Academy and departmental committees. Professional service implies the use of academic and professional expertise to serve your profession, the community, the state, the nation, or the world.

SCHOLARSHIP & PROFESSIONAL DEVELOPMENT

Scholarship and professional development activities enable individuals to remain current in the theory, practice, knowledge, skills and/or pedagogy of their disciplines. For some, scholarship and continued professional development may mean hands-on development and training in industry. The scholarly expectations of faculty should be consistent with the mission and purposes of Maine Maritime Academy.

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 the undergraduate level in areas allocated by the Department Head or Dean. Contribute to the development, planning and implementation of a high-quality curriculum. Assist in the development of learning materials, preparing lesson plans and maintaining records to monitor student progress, achievement and attendance.
- Participate in departmental and faculty seminars aimed at sharing research outcomes and building interdisciplinary collaboration within and outside the department.
- Participate in the development, administration and marking of exams and other assessments of students within and external to your department.
- Inform students of their progress by promptly returning assignments, quizzes, papers and exams.
- Contribute to departmental, faculty, or Academy-wide working groups or committees as requested.
- Maintain one's own continuing professional development.
- Maintain current TWIC/USCG/STCW/Stationary/Professional Licenses and certifications (if applicable).
- Provide support for the Academy's training curriculum.

All faculty are expected to demonstrate their ongoing commitment to academic excellence through research, publication, teaching, mentoring and other forms of knowledge transfer, at the highest levels of achievement.

ESSENTIAL SKILLS

- Teaching and other forms of public presentation.
- Ability to supervise academic work by undergraduate students.
- Ability to manage time and work to strict deadlines.
- Ability to work collaboratively.
- Excellent interpersonal, organizational and communication skills.
- Ability to maintain composure in stressful situations.
- High degree of professionalism.
- Integrity and the ability to maintain confidentiality.
- Ability to adapt to changing priorities and conditions.

REQUIRED QUALIFICATIONS

- A minimum of a bachelor's degree in engineering or engineering technology or a bachelor's degree in engineering operations and a postgraduate degree in engineering or engineering technology from an accredited institution.
- Professional or research experience with electrical devices, electronics, and automation systems.
- Excellent communication and leadership skills

PREFERRED QUALIFICATIONS

- Advanced degree(s) in electrical engineering or electronic engineering
- Academic instructional experience
- Experience in the marine or power industries or similar military or industrial experience
- Credentials related to shipboard electronics or electrical systems.
- U.S. Coast Guard Chief Engineer (Unlimited) license with appropriate STCW endorsements

SPECIAL CONDITIONS

- Position to start in August 2025 (Fall 2025 semester).
- May be filled at the Assistant, Associate, or Full Professor rank.
- Tobacco-free campus
- Background check required.
- Random Drug Testing
- Must present official copies of transcripts and any professional documentation (e.g., licenses, certifications and/or endorsements)

PHYSICAL/ENVIRONMENTAL FACTORS

- Typical classroom and office environment are in multi-story buildings with elevator access.
- Work in the labs may require: Climbing up and down ladders and gangways, lifting and carrying materials, occasional work in excess heat, cold, dampness or dry atmospheric conditions.