

MAINE MARITIME ACADEMY

A College of Engineering, Management, Science, and Transportation

Visiting Professor of Physics and Engineering

One-year (3 trimester) Position

Starting Fall Trimester 2026 (August 15)

Duty Location: Brunswick, Maine

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.

The responsibilities for this position will include some or all of the following: teaching, student advising, professional development, scholarship, service, and administrative responsibilities. Teaching is the fundamental responsibility of each faculty member; all faculty members are expected to participate in this activity. In addition, a high degree of “volunteerism/participation” is expected to facilitate the administrative support of the Academy along with effectively imparting your unique capabilities and expertise.

This position is part of MMA’s Advanced BIW Program in Shipbuilding, based at the Maritime Industrial Workforce Training Center. Students in this program are apprentices at Bath Iron Works (BIW) and earn an associate’s degree in either Ship Design or Ship Production.

The ideal candidate will teach courses with a focus on physics and engineering (Physics II, Static Mechanics, Strength of Materials, and Material Properties & Testing). A background in teaching and/or working in these fields is preferred for this position. This is for a one-year term, starting on August 15, 2026.

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.

ADVISING

Student advising includes time spent meeting with students regarding academic, curricular and career matters.

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

Scholarship enables 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 undergraduate courses that are part of the Bath Iron Works Apprenticeship Program and MMA's Associate Degree Programs in Ship Design and Ship Production. These courses would include Physics II, Static Mechanics, Strength of Materials, and Material Properties & Testing.
- Contribute to the development, planning and implementation of a high-quality curriculum in Maine Maritime's BIW Program in Ship Design & Ship Production.
- Develop learning materials, prepare lesson plans, and maintain records to monitor student progress, achievement and attendance.
- Develop, administer, and mark exams and other assessments.
- Provide advice and support to students.
- Inform students of their progress by promptly returning assignments, quizzes, papers and exams
- Participate in departmental and faculty seminars aimed at sharing research outcomes and building interdisciplinary collaboration within and outside the department.
- Contribute to departmental, faculty, or Academy-wide working groups or committees as requested.
- Maintain one's own scholarship and continuing professional development.
- Provide support of the Academy's training curriculum.
- Help foster MMA's partnership with Bath Iron Works

All faculty are expected to demonstrate their ongoing commitment to academic excellence; that is, to the conduct of possible research, publication, teaching 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 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
- Ability to adapt to changing priorities and conditions.

MINIMUM QUALIFICATIONS

- Bachelor's degree (graduate degree preferred) from an accredited institution in a relevant field, such as physics, mechanical engineering, materials science, materials engineering, or naval architecture.
- Professional experience applying engineering principles to solve problems or design components or systems.
- Prior successful teaching/training/mentoring experience desired.
- Excellent communication and leadership skills
- Membership in relevant professional organization(s).
- Published research in refereed journals or technical articles in professional publications.
- Must meet Academy criteria for appointment to the rank of Assistant Professor.

PREFERRED QUALIFICATIONS

- Advanced degree(s) in engineering or physics
- Academic instructional experience
- Experience in the marine industry or equivalent military or industrial experience

SPECIAL CONDITIONS

- Background check is required
- Tobacco-free campus.
- Must present official copies of transcripts and any professional documentation (e.g., licenses, certifications and/or endorsements)

PHYSICAL/ENVIRONMENTAL FACTORS

- Work in the labs and in the shipyard may require: Climbing up and down ladders and gangways, lifting and carrying materials, occasional work in excess heat, cold, dampness or dry atmospheric conditions.

TO APPLY

Go to Maine Maritime Academy's Employment page:

<https://mainemaritime.edu/employment-at-mma/faculty-positions/>.

Interested individuals should submit a cover letter and resume including contact information for at least three professional references using the online [Employment Application](#).

Do Not Send Personally Identifiable Information (PII) by email.

PLEASE NOTE THAT INCOMPLETE SUBMISSIONS WILL NOT BE CONSIDERED.

All offers are made contingent upon the successful completion of a criminal background investigation.

Tobacco-Free Notice

For the health and wellbeing of our community, the Maine Maritime Academy campus and vessels (ashore and afloat) are smoke- and tobacco-free as of August 1, 2016.

- [Smoke and Tobacco Free Campus Policy](#) (effective 8/1/16)

Equal Employment Opportunities

Maine Maritime Academy is an equal opportunity employer. The Academy complies with federal and/or state law that prohibit unlawful discrimination on the basis of race, color, religion, sex, gender identity and/or expression, sexual orientation, national origin, ethnicity, ancestry, marital status, disability, age, genetic information or veteran status. The Academy provides reasonable accommodation to qualified individuals upon request. Women, minorities, and veterans are strongly encouraged to apply.

MMA is unable at this time to sponsor visas. We welcome foreign nationals with valid U.S. work authorization to apply.

For further information

Email the chair of the BIW Program, Dr. Damon Gannon, at damon.gannon@mma.edu.