

HORACE MANN SCHOOL
231 West 246th Street
Bronx, NY 10471
An Equal Opportunity Employer

Engineering Teacher – Upper Division

Start Date: August 24, 2026

The Computer Science and Engineering Department seeks a dedicated and knowledgeable educator who fosters intellectual curiosity, precision in design, and excellence in hands-on engineering practice. The successful candidate will demonstrate a commitment to inspiring students through rigorous instruction, thoughtful mentorship, and the integration of emerging technologies into the engineering curriculum.

Preferred qualifications include at least three years of teaching experience in computer science and engineering, as well as an advanced degree. The expected salary range for this position is \$75,000 to \$ 125,000, with the final determination based on experience, education level and other job-related factors.

The ideal candidate will have experience in the following areas:

- Additive Manufacturing, including 3D printing.
- Computer-Aided Design (CAD) Software.
- Traditional shop equipment, including lathes, drills, laser engravers, mills, and band saws, as it relates to Materials Processing.
- Extensive fabrication techniques and experience with a variety of materials.
- Experience with the First Robotics Competition.
- Experience mentoring students in after-school engineering, robotics, or design activities, fostering collaboration and creativity beyond the classroom.
- Shop safety protocols in a multi-user environment.
- Working knowledge or expertise in object-oriented programming languages such as Java, C++, C#, and Python.
- Interest in developing interdisciplinary projects and courses in partnership with colleagues across the Upper Division.

The successful candidate will possess the desire and the willingness to develop their professional practice in both existing and emerging technologies.

Horace Mann School is a coeducational, college preparatory independent day school for students from Nursery through grade 12. The School seeks to stretch the imagination, intellect and insight of its students while developing the moral characteristics that impart identity and purpose. We recognize as our core values: the Life of the Mind, Mature Behavior, Mutual Respect, a Secure and Healthful Environment, and a Balance between Individual Achievement and a Caring Community. These core values guide our decision-making and govern the implementation of our curriculum and programs across all divisions of Horace Mann School. In addition to its campuses in Manhattan and the Bronx, NY, the School also owns and maintains the John Dorr Nature Laboratory, a comprehensive outdoor education facility on 320 largely wooded acres in Washington, CT. One of the nation's 10 largest independent day schools, as of September, 2025, the School enrolls 1,823 students from 149 zip codes, primarily representing Manhattan, The Bronx, New Jersey, Westchester and Connecticut. For 2025-26, 87% of students N-12 reported optional race and/or ethnicity information. Of that group, 60% identify as students of color, 38% identify as White non-Hispanic/Latine, and 2% identify as international. Just over 49% of our students identify as girls, 50% of our students identify as boys and a third group expresses a different gender identity. Approximately 17% of our current students receive Financial Aid to attend Horace Mann. Thirty-seven percent of School administrators, teachers, and staff members identified as race other than white and/or as Hispanic/Latine. Over the past five years, the School has recorded a 97% annual retention rate

for students and a 92% retention rate for all employees. The school's most recent \$125 million bricks and mortar campaign has provided the Middle and Upper Divisions with newly constructed and renovated state of the art science and physical education facilities.

The Upper Division at Horace Mann School provides a demanding academic experience for more than 700 highly motivated, hard-working students. Combining rigorous courses in STEM fields with ambitious courses in the Humanities and Arts, the Upper Division curriculum allows students to build essential critical thinking skills, to delve deep into their areas of interest, and to become independent thinkers. Students and faculty take pleasure in intellectual pursuit and the understanding of their connections to the world around them. Through the school's extensive extracurricular programs, students work with faculty members to pursue their passion for service and social justice. The Upper Division is characterized by the purpose, energy, curiosity, and empathy of its students and faculty.

Interested candidates should submit a detailed resume, including all teaching and non-teaching related experience and cover letter to: employment@horacemann.org