



Computing, Design, and Fabrication(CD&F) Teacher Gann Academy

Details

Posted: 10-Mar-24

Location: Waltham, Massachusetts

Type: Full Time

Salary: \$55,000 - \$90,000 Salary/Year

Categories:

Technology

ABOUT GANN

Gann Academy is a pluralistic Jewish high school that challenges students to cultivate their talents and interests in all areas of human potential: intellectual, artistic, spiritual, and physical. Our faculty, comprised of Jewish and non-Jewish educators, facilitate the student journey. We seek teachers committed to collaborating and growing in their teaching practice, supporting diverse learners in the classroom, and connecting with students outside the school, both formally and informally.

Gann Academy is committed to building an inclusive workplace culture where talented people of widely diverse backgrounds can thrive. We believe including diverse perspectives will improve our work and produce better societal and learning outcomes for all. All employees participate in this commitment, internally in building a welcoming workplace culture or externally in ensuring inclusive engagement with families and other community members.

The successful candidate will join a school that is deeply invested in teacher development and reflective teaching practice. Gann offers competitive compensation and a dynamic work environment. Perhaps most of all, Gann provides a community of intelligent, collaborative, and compassionate professionals who care about their work, school, and colleagues. We help one another learn, solve problems, and have fun.

ABOUT OUR TEAM

Our Computing, Design, and Fabrication (CD&F) Department comprises talented professionals who demonstrate exceptional commitment to instructing and engaging students. If you enjoy working with students and want to develop their love of the field, this role offers a fantastic opportunity to join Boston's leading Jewish High School. Gann's outstanding faculty sharpens our students' intellects, challenging them to become analytical, creative, empathetic, and out-of-the-box thinkers. Here at Gann, we guide our students to answer the question in our motto: WHO WILL YOU BECOME?

ABOUT THE POSITION

Gann Academy seeks candidates for a full-time, in-person position for the 2024-2025 school year teaching Computing, Design, and Fabrication (CD&F).

The courses offered in the CD&F Department are technical and creative design skills alongside collaborative practice. The curriculum of the department pursues four disciplines in depth: design thinking, mechanical engineering, computer science, and robotics; we seek opportunities for interdisciplinary overlap both within and across departments. We strive to provide both a breadth of possibilities to all students and a depth of study for our most advanced students. The new CD&F teacher will collaborate with the department to develop an exciting, accessible, deep curriculum within our core disciplines. They will also work with faculty in other departments to identify and create opportunities for interdisciplinary learning. Gann's state-of-the-art Prototyping, Fabrication, and Robotics Labs are resources for many students and learning across the school. Successful candidates for this position will be innovative thinkers with deep knowledge in multiple disciplines within CD&F and an interest in and commitment to creating meaningful, safe, and challenging educational experiences for high school students.

Successful candidates will have a passion for engineering, a strong background in classroom teaching, curriculum design and pedagogy skills, and a commitment to collaborating, reflecting, and growing in their teaching practice. Personal qualities such as creativity, curiosity, perseverance, and flexibility are desirable, as are practical communication skills with students and families.

This in-person, full-time position starts in August 2024 and will report to the Director of STEAM. The salary range is between \$55,000 and \$90,000 annually, commensurate with relevant work experience and qualifications.

ESSENTIAL FUNCTIONS

Teaching Duties

- Teach courses in Computing, Design, and Fabrication (CD&F).
- Teach Engineering 1, Engineering 2, and Senior Capstone Project.
- Teach a Foundations Class for 9th Graders new to engineering and the innovation lab spaces
- Help promote the CD&F programs both inside the building and in the wider Gann community.
- Maintain lab spaces, responsible for supplies.
- Collaborate with colleagues to plan and adapt curriculum and lessons that support student growth in the CD&F areas and interdisciplinary work.
- Collaborate with colleagues in CD&F initiatives.
- Communicate clearly and effectively with students, parents, and colleagues in person and via email.
- Upkeep/fixing/troubleshooting power tools and 3D printers

Community Involvement & Engagement

- Attend and participate in communal programs outside the classroom during school hours; model and encourage appropriate behavior; and monitor students during events and programming.
- Attend and participate in open houses, graduation, and other special events which may take place in the evenings and weekends.

Collaborative Responsibilities

- Work with students outside of the classroom as needed.
- Work collaboratively with colleagues across all departments.
- Attend and participate in department meetings; collaborate with department members and instructional director on curriculum development, lesson planning, student issues, and department initiatives.
- Assist colleagues with substitution when able; arrange and communicate class coverage as needed.

Professional Development, Growth, and Training

- Attend and participate in all faculty/staff work-day programs, in-service training (including August and June in-service days), orientation programs, seminars, and safety training/drills.

- Pursue professional development opportunities in or out of school; display willingness and ability to grow, learn, and practice self-reflection; work with the instructional director and other faculty and administration members on educational and pedagogical growth and innovative tools and techniques in and out of the classroom.

Qualifications and Education Requirements

- A bachelor's degree in engineering is required; a master's degree is preferred
- Strong organizational skills
- A commitment to student-centered, mastery-based teaching
- Proficiency in the use of Microsoft suite applications and other web-based educational tools/apps
- Must be proficient in English to carry out work as assigned

The above responsibilities describe the general nature and level of work being performed by people assigned to this job. They are not intended to be an exhaustive list of all required responsibilities and duties.

EMPLOYEE BENEFITS:

- Competitive salaries
- Professional development
- Comprehensive benefits package featuring generous paid time off policies -including sick time, paid vacation, personal days, and U.S. holidays, Gann employees get up to an additional 15 days off for Jewish Holidays, depending on the Jewish Calendar of the year
- Short Fridays
- Comprehensive Health Insurance
- Retirement Plan Match (403B) starting immediately!
- Hungry? Gann has a full-service kosher dairy dining hall complete with a fresh salad bar and multiple hot meal options
- Free parking!
- Fitness facilities for our faculty and staff
- Life Insurance
- Short - and Long-term disability

WORKING CONDITIONS/PHYSICAL DEMANDS

Physical demands include dexterity in operating office machines and supplies, including—but not limited to—computers, telephones, electronic calculators, copy machines, and printers. Lifting heavy machinery and carrying wood and other supplies around the lab are also common. Stooping, bending, reaching for files or supplies, and sitting or standing for extended periods are also common.

EQUAL EMPLOYMENT OPPORTUNITY

Gann Academy is an equal opportunity employer. It is the policy of the school to prohibit discrimination and harassment of any type and to afford equal employment opportunities to employees and applicants, without regard to race, creed, color, religion, national origin, sex (including sexual orientation, gender identity, or expression), and pregnancy, age, physical or mental disability, genetic information, or veteran status.

ACCOMMODATION

External and internal applicants, as well as position incumbents who become disabled as defined under the Americans with Disabilities Act, must be able to perform the essential job functions (as listed) either unaided or with the assistance of a reasonable accommodation to be determined by management on a case-by-case basis.

E-VERIFY

This employer participates in E-Verify and will provide the federal government with your Form I-9 information to confirm that you are authorized to work in the U.S. If E-Verify cannot prove that you are authorized to work, this employer is required to give you written instructions and an opportunity to contact Department of Homeland Security (DHS) or Social Security Administration (SSA) so you can begin to resolve the issue before the employer can take any action against you, including terminating your employment. Employers can only use E-Verify once you have accepted a job offer and completed the Form I-9.



About Gann Academy.

Gann Academy is a pluralistic Jewish day school that challenges students to cultivate their talents and interests in all areas of human potential: intellectual, artistic, spiritual, and physical. Our faculty made up of both Jewish and non-Jewish educators facilitate the student journey. We seek teachers who are committed to collaborating and growing in their teaching practice; supporting diverse learners in the classroom; and connecting with students outside the classroom, both formally and informally. In growing our department, we are particularly interested in expanding the diversity of voices in our literature faculty. We are also interested in candidates who can help the department envision opportunities for collaboration across the humanities. BENEFITS Gann Academy is an independent high school in Waltham, MA that offers a competitive, and comprehensive benefits package featuring generous paid time off policies – paid vacation, paid sick days, and roughly 20 additional paid days off - based on the Jewish calendar. It is truly a unique and generous benefits package offered only at Gann! Employer match Retirement (403B), and Health and Dental insurance,

are just a few of t... [Show more](#) [Show less](#)

<https://careers.nais.org/jobs/19855842/computing-design-and-fabrication-cd-f-teacher>