



OUR SCHOOL

Founded in 1813, Kimball Union Academy is one of the oldest private boarding high schools in New Hampshire and the country. KUA blends the best of the New England boarding tradition with an innovative, modern educational program for a diverse group of day and boarding students from across the country and around the world. Located in the village of Meriden, New Hampshire in the heart of the Upper Valley, Kimball Union is minutes from Dartmouth College and has direct access to Boston and New York.

SCHOOL STATS

- 340 students
- 250 Boarding & 90 Day Students
- Grades 9-12 & PG
- 47 Teaching Faculty
- 6:1 Student/Faculty Ratio
- 12 Student average class size
- Average years of faculty experience: 19
- Faculty tenure > 10 years: 2/3
- 70% of faculty hold advanced degrees

Director of Innovation and Design

THE VISION

With the creation of a renovated Maker Space, recent fundraising successes, the development of extra-curricular activities in robotics and STEM, as well as a strong traditional curriculum in science and mathematics, Kimball Union aspires to be the leading independent school in the STEM fields in northern New England. Beyond individual elements developed over the years, we seek to create an integrated approach to STEM that transcends typical academic boundaries by strengthening cross-disciplinary and project-based learning while utilizing advanced principles of design and technology on a school-wide level. This quest to enrich our teaching and learning is founded on a centuries-long commitment to academic excellence that prepares students to join the complex and ever-changing world. This commitment to enhancing our educational program is paired with equal determination, through hiring, admission and advancement, to ensure that the School has the resources and people to sustain this ambitious vision.

THE POSITION

Summary: The Director of Innovation and Design will develop and teach a *Design Thinking* course and may teach/direct a selection of the following:

- Courses within the Science and/or Math Departments, including but not necessarily limited to Physics, Engineering, and Computer Science courses
- Lead the school's STEM Scholar Program
- Lead the afterschool STEM Activity, including engaging students in appropriate collaborative and competitive activities
- Serve as the Design Facilitator/Integrationist for cross-disciplinary, project-based learning on the Academy's Academic Council
- Manage the Maker Space and collaborate with teachers to create technology-driven, design projects as part of the STEM initiative

The ideal candidate will understand the engineering design process, will be comfortable operating in one or more programming languages, and will be experienced in robotics.

Organizational Relationships: The Director of Innovation and Design reports to the Dean of Faculty and the Academic Dean. Additionally, this position provides insight and strategic direction for admission, marketing & communication, and expanding recruitment efforts as it relates to STEM related initiatives.

Position Detail: While candidates possessing all of the following qualifications represent the ideal, the Academy ultimately seeks someone who is willing and able to grow the level of engagement in the STEM fields at the Academy, who is open minded and flexible, and who possesses a love for working equally with both program and people.

Essential Duties and Responsibilities:

- Collaborate with faculty and administration to integrate new and emerging technologies, digital education and instructional design into the greater KUA educational landscape
- Assist in the development of strategies for evaluating learning outcomes across online, blended, and technology-enhanced courses
- Design opportunities and resources that support student and faculty innovation
- Research, acquire, operate, maintain Maker Space technology and equipment, and train others in their use
- Guide recruitment efforts in collaboration with admissions, perform community outreach, and participate in marketing, external affairs, and advancement efforts

Desired Qualifications:

- Master's degree and five or more years of related experience preferred (instructional design, instructional technology, educational technology), or equivalent combination of education and experience
- Experience working on STEM related projects with high school-aged students
- Experience with the Computer Sciences such as coding, and 3D modeling software applications
- Strong content knowledge of the STEM fields and the ability to apply them to teaching and learning
- Demonstrated initiative, independent judgment, diplomacy, and a service-oriented attitude
- Strong commitment to teamwork and problem solving
- Demonstrated organizational, interpersonal, oral, and written communication skills
- Ability to manage workload under time constraints and conflicting demands
- Ability to work well in a multicultural and collaborative environment

APPLYING

Interested candidates should submit a letter of interest, resume, and three references to hr@kua.org or mail to:

Kimball Union Academy
Human Resources
PO Box 188
Meriden, NH 03770