



## JH/HS ENGINEERING & MATH INSTRUCTOR

Seeking a full-time 7-12<sup>th</sup> grade engineering and mathematics instructor at Liberty Common High School in Fort Collins, Colorado – a Poudre School District charter school dedicated to using the Core Knowledge curriculum in grades K-8. LCHS is Northern Colorado's clearest path to college delivering a college-preparatory, classically-oriented liberal-arts curriculum emphasizing the humanities including English, foreign language, history and economics while accentuating math, science and engineering in a safe, small-school environment. The school currently enrolls over 500 junior-high and high-school students.

LCHS provides excellence and fairness in education by teaching a contextual body of organized knowledge, the skills of learning, and the values of a democratic society. This is done through parental choice, partnership with teachers, and student acceptance of responsibility for his/her academic effort.

The engineering and mathematics instructor has responsibility for program planning, curriculum development, and delivery of engineering and math instruction for a combination of junior-high and high-school students, in cooperation with the school's existing Engineering and Math Departments. Courses taught may include: engineering explorations (JH), introduction to engineering, mechanical engineering, bioengineering, senior design, algebra, and/or geometry. Applicants should be dedicated to a strong skills and knowledge-based curriculum, and dedicated to high student achievement.

### **Minimum Requirements:**

- Desire and willingness to learn about Liberty's history and philosophy and to uphold and promote the mission and values of the school.
- BS in engineering, mathematics, or related discipline, or equivalent combination of relevant education and experience. Content knowledge is essential.
- Ability and willingness to teach the curriculum as designed by the school.
- Demonstrated effective classroom teaching ability.

### **Preferred Characteristics:**

- Understanding of Liberty Common School's history and a commitment to maintaining and promoting the school's mission and values.
- Experience with engineering and/or math instruction, classical education, the Core Knowledge Curriculum and demonstrated ability in teaching this curriculum.
- Demonstrated ability to work effectively in multiple teams.
- MS or PhD in engineering, mathematics, or related discipline, or equivalent combination of relevant education and experience.

This job posting will remain open until the position is filled. A complete application must include:

- Letter of application
- Resume or CV
- Statement of educational philosophy
- Transcripts (a photocopy will suffice)
- Three references (including e-mail addresses and phone numbers)

Mail to: Mr. Torgun Lovely, Principal, Liberty Common High School, 2745 Minnesota Dr., Fort Collins, CO 80525. Or e-mail to: [tlvely@libertycommon.org](mailto:tlvely@libertycommon.org).