



JOB DESCRIPTION

HIGH SCHOOL and MIDDLE SCHOOL COMPUTER SCIENCE /TECHNOLOGY TEACHER

Tsinghua International School, located on the campus of Tsinghua University, is a grade 1-12 school providing a unique educational experience for the approximately 550 members of the student body. The school utilizes a progressive/inquiry based, North American approach to instruction coupled with a decidedly Eastern influence.

Position Description

We are seeking a High School/Middle School Computer Science Teacher who will work with students to provide instruction in a variety of computer mediums especially Computer Science and will also provide support in maintaining hardware and software applications. While most responsibilities are delineated below, the individual must be flexible and willing to lend a hand when and where needed.

Responsibilities

- Provide a nurturing, caring and supportive environment for students.
- Provide instruction in Writing, Speaking, Listening, Reading and Conventions as they apply to the courses being taught.
- Work with ESL students within the regular class, differentiating lessons as needed.
- Utilize inquiry as a major component of project-based instruction.
- Integrate elements of other courses into the Technology courses.
- Develop interdisciplinary units with teachers from other departments.
- Participate actively in curriculum writing using "Understanding by Design" as the model.
- Teach courses that range from AP Computer Science to Introduction to Computer Science and grade 8 Computer Applications. Courses taught may vary by semester and by school year and are decided upon by the teachers in the department in consultation with the Academic Principal and the Curriculum Director. There are a wide range of technology courses.
- Co-teach with non-technology teachers on a short term basis in order to promote the use of technology throughout the school.
Work with other technology teachers to provide professional development to non-technology teachers.
- Provide support for school wide and/or department wide events that require technology.
- Support the maintenance of hardware as well as software applications.
- Promote cross-cultural understanding among the students.
- Maintain a strong, positive and informative relationship with parents.
- Prepare for and participate in all parent conferences.
- Lead an after-school club for middle or high school students once per week.
- Actively engage in professional development.
- Occasionally cover a class for a colleague.
- Manage a study hall if needed.
- Participate in and/or lead occasional special events that may occur in the evenings and/or on weekends.



QUALIFICATIONS:

- Due to visa restrictions, the teacher must have a passport from the US, Canada, the UK, South Africa, Australia, Ireland or New Zealand.
- Excellent English language communication skills
- Degree in Computer Science or a closely related field. Must have strong computer science skills including extensive programming knowledge.
- A developing knowledge of the use of AI for education.
- At least one year of teaching experience.
- Teaching certification strongly preferred but not required.
- Understanding of American common core standards and progressive education.
- Willingness and ability to work with all grade levels.