

# The American School in London

## **Faculty Position Description**

### **High School Computer Science and Mathematics Teacher**

**Start date: August 2011 (Ref.HSCS)**

**Overall Purpose:** The High School Computer Science Teacher will be responsible for teaching courses including Java programming, robotics, digital animation and AP Computer Science as well as sections of Mathematics (to be determined based on departmental need).

#### **Brief Summary of Major Responsibilities:**

- Teach 5 sections of High School Computer Science and Math, or teach 4 sections of High School Computer Science and Math, and an additional Middle School elective (based on need)
- Prepare, coordinate and plan the curriculum with other members of the department, and liaise with other departments as appropriate
- Monitor and evaluate students' progress, prepare for parent conferences, complete report cards, etc.
- Organize and participate in field trips
- Support the Lego and High School Robotics programs and competitions
- Any other duties reasonably requested by the High School Principal

#### **Essential Experience/Qualifications:**

- A bachelor's degree in a relevant discipline
- Three years of successful experience teaching in the required disciplines
- Deep knowledge of programming
- Experience in a school with a similar teaching philosophy to that of ASL, which employs comparable teaching methods and curricula, or training that will adequately prepare the candidate for the American style teaching methods employed by the School
- Significant recent professional development
- Experience teaching the US AP curriculum or IB with Java Sequence
- Strong oral and written communication skills and a desire to work in a team-focused environment
- Willingness to contribute to school life and activities in additional ways through coaching, advising and special projects
- The ability to contribute towards a safe environment and show a personal commitment to safeguarding children

#### **Desirable Experience/Qualifications:**

- Master's degree
- Experience teaching in an international school
- Ability to teach a broad range of Technology and Mathematics courses
- Experience with CAD
- Experience with Digital Electronics

**The American School in London is committed to safeguarding and promoting the welfare of children and young people and expects all employees and volunteers to share this commitment. Any offer of employment is conditional upon the School receiving satisfactory references, a CRB disclosure (and overseas background checks where appropriate).**