**Job Description
STEM Computer Science Teacher**

**Background**

Fellowship Christian School (FCS) is integrating STEM activities and programs throughout the curriculum. Last fall, Fellowship Christian High School started a new diploma program for STEM minded students. Students engage in a demanding program of study that focuses on STEM related competencies and hands-on experience. Students complete 26-28 units of study depending on a pathway specialization. One of the most popular pathways is “Digital Science” where students focus on computer technology and programming. Additionally, all STEM students normally take two years of a programming language.

**Job Description**

The STEM Computer Science Teacher will teach various computer technology courses in support of the STEM program. These will include introductory, intermediate, and advanced courses in programming, digital controller programming, and digital system design. The STEM Computer Science Teacher will also support STEM afterschool activities such as robotics. He/she should also expect to become a student advisor and mentor, overseeing senior design projects and internships.

The STEM Computer Science Teacher will be a key contributor to the further development and continuous improvement of the STEM program. He/she will be expected to demonstrate creativity, teamwork, and foster a forward thinking, positive atmosphere.

**Specific responsibilities**

* Instruct students on facets of Java, Python, C, Javascript, and HTML.
* Instruct students on how computers work, including the basic science and mathematics behind their operation and the hardware and the software built on those foundations.
* Teach how to write computer programs, algorithms and programming languages.
* Keep records of grades, grade papers, and perform other administrative duties as needed.
* Create projects designed to enhance lectures.
* Read and stay abreast of current topics in computer science.
* Create lesson plans.
* Utilize various curriculum resources.
* Integrate competencies, goals, and objectives into lesson plans.
* Utilize curricula that reflect the diverse educational, cultural, and linguistic backgrounds of the students served.

**Minimum Qualifications:**

* Follower of Jesus Christ, who is in agreement with the school’s Statement of Faith. (<http://www.fellowshipchristianschool.org/admissions/forms/2014-new/Page2-Statement-Fatih.pdf>)
* Bachelor’s degree in Computer Science or Bachelor’s degree with equivalent experience.
* Excellent spoken and written communication skills.
* Demonstrated teaching experience and/or passion.
* High degree of familiarity with digital technologies.
* Willingness to engage in professional development.
* Ability to work occasional evenings and weekends.