Computer Science Teacher

GENERAL SUMMARY:

St. Mary's Academy is a private Catholic college-preparatory high school for young women founded by the Sisters of the Holy Names of Jesus and Mary in 1859. SMA seeks a full-time technology teacher to design and teach a variety of computer science courses. This teacher would need to be able to successfully instruct students in technology proficiency, the basic science regarding how computers work, programming and software design, and other relevant technology topics. St. Mary's Academy is an Apple Distinguished School utilizing a 1:1 iPad program at all grade levels.

We seek a skilled individual who is excited to enrich our innovative computing program from introductory level through the establishment of an AP Computer Science course that serves young women in advancing their computational thinking and skill. This individual should demonstrate a belief that students must have a clear understanding of the principles and practices of computer science in order to be well-educated citizens in a computing-intensive world and be prepared for careers in the 21st century (CSTA). This individual should be a passionate about working with female high school students, actively seek to innovate within their practice, and collaborate with other teachers across content areas.

The individual should be able to demonstrate excellent skills in the use of technology to enhance student learning, knowledge of teaching techniques that meet the diverse needs of students, excellent oral and written communication skills, and excellent interpersonal skills.

Main Responsibilities

- Teach a full-time schedule of technology courses as determined by the Information Science department and school administration.
- Design an innovative computer science program, including app and web design courses.
- Assist in co-curricular and extra-curricular technology activities (FIRST Robotics team, Makerspace development, etc.)
- Assist in organizing technology events (e.g. Computer Science Week)
- Teach and act consistently in accordance with the philosophy, objectives and policies of the school and teaching contract; and work cooperatively with the administration, faculty and staff of the school.
- Communicate to parents and students through timely grading and evaluation of assessments, recording and electronic posting of current academic standing, completing progress reports as necessary or required.
- Coordinate the academic and social aspect of a teacher advisory group, including participation in TA service, class specific and school fund-raising activities and serving as a liaison between the student and her teachers as necessary.

QUALIFICATIONS:

- Bachelor degree or higher in a technology field OR equivalent professional experience/training sufficient to fulfill responsibilities.
- Valid Oregon secondary teaching license and relevant endorsements, if applicable.
- Aptitude for innovative curriculum and program development
- Enthusiasm about learning new concepts and trying new practices
- Familiarity with current trends in technology education
- A collaborative and collegial approach to work/teaching

- Proficiency with Apple iPads and iOS environment.
- Proficiency with PC and Windows
- Proficiency with a variety of coding and programming tools, such as Python, Swift, HTML, CSS, Sublime Text, and general understanding of what different coding languages are used for.
- Experience programing robotics, such as Lego Mindstorms, FIRST Robotics, and Arduino.
- Basic understanding of computer hardware
- Strong interpersonal skills (written and verbal)
- Ability to effectively serve the St. Mary's Academy mission
- Desire to fully engage in the life of the school and community
- An understanding of the unique needs and strengths of female adolescents

Preferred Qualifications
- At least two years classroom teaching experience.
- Familiarity with Adobe Creative Cloud products (including Adobe Premiere Pro, Adobe Photoshop, etc.)
- Familiarity with digital media tools (e.g., cameras and production equipment)
- Familiarity with makerspaces, design thinking, problem-based learning, and other student-centered pedagogies.
- Familiarity with robotics and/or other technology-related programs that offer students opportunities to learn by experience.

Salary and Benefits: Salary will be commensurate with qualifications and experience. Benefits include medical, dental and vision coverage, retirement plan, life insurance, holidays, vacation and sick leave.

Application Guidelines: Qualified applicants may submit resume and cover letter to Kari Forrer in Human Resources, kari.forrer@smapdx.org.