



## **TECHNOLOGY (STEM) COORDINATOR**

The Adelson Educational Campus, a K-12 independent school in Las Vegas, Nevada seeks a vibrant engineering teacher to serve as the Coordinator of our state-of-the-art Startup Incubator.

This facility is a 5000-square-foot inventor's workshop (also known as a makerspace or fablab) in which student teams will design, engineer, and code with expert mentors on carefully defined, yet flexibly solved, real world problems and projects. Typical project duration is 6-12 weeks, and students will work in the lab several hours weekly. Projects include robots; UAV's, Solar Cars, wearable/home electronics; visionary cities of the future; space and medical inventions; 3D-printed textiles for fashion; green technologies; architectural blueprints and models; and entertainment (dance, music) engineering productions. In addition, many of our student have the entrepreneurial spirit, and start companies based on their projects in the Startup Incubator.

The Incubator Coordinator will instruct and partner with collaborative coaches (K-12 STEAM teachers) to assist in mentoring and guiding the execution of multiple projects. Other faculty at AEC will also work side-by-side with the Incubator Coordinator – with a focus on project-based teaching. The successful candidate will work with a team that will also develop mobile apps and websites; claymation and animation; and digital photography and video. The entire Startup Incubator team will work collaboratively and will enlist the help of expert mentors from local university departments and businesses in developing innovative projects for execution with Grades 4-12.

The ideal candidate will possess a mechanical engineering (or similar) degree, experience with electronics, and a basic level of computer programming (up to the high school level). This individual should be experienced in designing with basic CAD software and fabricating using everything from 3D printers to table saws; he or she should be skilled in building robots, soldering circuits and writing consumer-level (simple) code for projects with Arduinos. The candidate should love the open-ended challenge of helping tweens and teens carry design projects from concept to fruition, from an "idea-in-the-head" to a digital design to a physical prototype to a business/production model that could be pitched in a Shark Tank setting. The individual should be skilled at managing the timelines, materials, and personnel of multiple projects for a small school population.

Adelson Educational Campus would like to locate the right individual as soon as possible.

Please send resume to Lilach Bluevise at [lilach.bluevise@adelsoncampus.org](mailto:lilach.bluevise@adelsoncampus.org).

