OVERVIEW

With funding from a sponsor, UNLV is building a “Mobile Lab” to bring science and engineering technology to schools in Las Vegas. Access to special tools (e.g., 3D printer, scientific equipment) is sporadic throughout the Clark County School District, and often these tools are used infrequently due to lack of training and short-term projects. Rather than equipping each school with specialized equipment, a mobile science/engineering lab could service a large number of schools over the entire year. This solution address two major problems (inadequate training and inefficient equipment usage) by having a knowledgeable worker who can ensure the equipment is utilized to capacity and maintained properly. The mobile lab will consist of an enclosed trailer (6’-8’ long) with functional, interior storage to house a variety of supplies for science and engineering projects. During operation, the trailer will be driven to schools where the graduate student will work with teachers and oversee use of the equipment.

Roles and Responsibilities
In this position, you will assist a graduate student in designing the mobile science/engineering lab. Potential tasks include selecting appropriate equipment, designing the trailer interior to house the equipment, and outfitting the trailer. Work may be extended into the spring semester to assist the graduate student in conducting school visits, maintaining the equipment, and collecting evaluation results.

Education and Qualifications
Successful candidates will possess knowledge of science and engineering technology, an ability to use power tools, an ability to conduct work with limited oversight, and a history of responsibility. Regular weekly hours are expected to ensure deadlines are met.
How to Apply
Provide a resume and brief statement of interest in the position to Dr. Erica Marti
(ericamarti@unlv.edu). Applications will be reviewed on October 17 and on a rolling basis afterwards. Excellent candidates will be invited for a brief interview.