

POSITION VACANCY

TEACHING TECHNICIAN

COLLEGE OF ARCHITECTURE, PLANNING & DESIGN
KANSAS STATE UNIVERSITY
Manhattan, Kansas

Kansas State University, College of Architecture, Planning and Design is searching for a Teaching Technician.

One of the missions of the college is to be a creative and stimulating learning environment for all participants, fostering leadership committed to responsible stewardship in the design of the built and natural world and its diverse citizens. For this to occur students and faculty must have a built environment that is a working example of what we expect our students to aspire to as design professionals. The ultimate goal for this position is to oversee, provide instruction, and secure new technologies for the education of our students. Expectations for this position are to be more teaching, in collaboration with departmental faculty, than maintenance of the tools and the building [which is what an additional position and student workers will emphasize]. Students in professional programs should have theoretical and hands-on experience that focus on making. Depending on the discipline and the scale, the making could include furniture design, model making, product design, and prefabricated design + build components [for the construction of small buildings]. As a college with four professional disciplines, there is continual emphasis on not only the use of traditional tools of communication and construction, but also with those cutting-edge types of equipment, which keep our students at the forefront of our professions. Today this means tools that are high-end devices with computer numeric controls [CNC routers, laser cutters, etc.]. These new tools will help our students to make complex and precise three-dimensional cuts, models and moldings, typing more directly, design to production. The professional and intellectual knowledge of design, computer applications, and making require this position to be a unique blend of one able to teach the design aspects of our professions but also have knowledge of new technologies to ensure the knowledge of making. The instructional work for this position will include extensive interaction and evaluation of all tools and building materials requiring an individual who can synthesize theory, testing and praxis. The person in this position should have craftsperson-like ideals, be knowledgeable in traditional tools, and more importantly be proficient in various three-dimensional devices. Because of the emphasis towards new materials and tools this person will use elements of physics, engineering, and design to research notions of form, and material strength to connect various typologies.

Job responsibilities:

- Instructs, in collaboration with departmental faculty, students in the College of Architecture, Planning & Design on the theory and praxis involved in the design and making of forms and products with new and traditional materials using conventional and high-end devices with numeric controls in the college's shops.
- Keeps up-to-date with existing and new equipment for use in student and faculty research; writes grants for the purchase of new equipment; and tests new materials with shop equipment.
- Reviews training protocol and supervises graduate student employees.

Required qualifications include:

- Bachelor's degree.
- One year of progressively responsible experience and use of a variety of tools and equipment used in the College and in the design disciplines.
- Ability to read, comprehend and apply relevant OSHA safety protocols. Knowledge of and/or ability to learn proper care, maintenance and operation of various tools and equipment. Interest in researching and learning new technologies. Experience in and ability to teach and communicate (orally and in writing) with college-level students on tools, equipment and safety protocol. Ability to speak and write fluently in English. Ability to perform simple mathematical calculations.

Ability to perform moderate physical exertion and dexterity. Ability to establish and maintain effective working relationships. Ability to work independently and as an effective part of a team. Ability to attend to details and to be proactive. Punctuality and reliability. Experience in and/or affinity for fine craftsmanship.

Preferred qualifications include: Master's degree in one of the design disciplines.

Starting salary: Negotiable depending upon experience and qualifications. Full-time, unclassified, 12-month appointment; K-State benefit eligible.

Timeline: Application deadline is January 31, 2013 with an anticipated start date of March 25, 2013.

How to apply: Electronically submit letter of application, a resume, three letters of reference, and contact information for those three work-related references to arsearch@k-state.edu

Kansas State University is an equal opportunity employer and actively seeks diversity among its employees. Background check is required.