The College of Arts + Architecture (CoAA) at the University of North Carolina at Charlotte invites applications for a full-time staff position to lead and support the operations of the College’s fabrication labs. They include a Wood Lab, Metal Lab and Digital Lab. The Labs are an integral component to the mission of the College, developed over thirty-five years to support excellence in teaching and research.

The Wood Lab includes a full compliment of stationary power equipment for milling, sawing, and joining as well as a vacuum table, abrasive thickness planer, precision mortising machinery, and an array of portable hand tools, such as routers, drills, sanders, and biscuit jointers. The Metal Lab is equipped to enable sawing, grinding, cutting and fabrication of ferrous and non-ferrous metals. Capabilities include MIG, TIG, spot and stick welding, as well as oxyacetylene and plasma cutting, with additional resources to support forming, stamping and sand blasting. The Digital Lab includes laser cutters, CNC routers, 3D printers and a recently purchased KUKA KR-60 Robotic Arm with gripper, router spindle and extruder. All three labs are coordinated with one another in support of integrated fabrication methods within the College.

This position is responsible for: managing personnel and resources associated with all fabrication labs, including supervising a full-time staff assistant and part-time student workers; assuring the safe use, maintenance and repair of all fabrication machines, including coordinating with the university’s environmental and health safety office; developing and administering fabrication lab policies, procedures, manuals, procurement and storage protocols; coordinating requisite software, networking support interface with university technical support services; and assisting with the implementation and management of new machines as new technologies are adopted. A strong interest in learning about new technologies as they evolve is essential. Annual training in the advances of computational manufacturing will be supported.

A graduate degree in architectural or industrial design is required. Experience working with faculty and staff on design and production is desirable. Good communication skills, as well as a willingness to explore and experiment with the capabilities of analog and digital tools are essential. Qualified candidates may also be asked to teach a fabrication seminar/workshop as part of their workload.

The CoAA is supported by exceptional facilities and a dynamic metropolitan landscape. The College is committed to a culturally and intellectually diverse environment, and celebrates diversity that includes, but is not limited to, ability/disability, age, culture, ethnicity, gender identification, language, race, religion, sexual orientation, and socio-economic status. We strongly encourage applications from women and members of under-represented groups.

Qualified applicants must complete the online application at https://jobs.uncc.edu (position #4034). Application requirements include a cover letter, letter of interest and qualifications, a resume or CV, an abridged e-portfolio, and contact information for three references. Review of applications will commence January 18, 2016 and continue until the position is filled. Questions regarding the above position may be directed to Chris Jarrett at chjarrett@uncc.edu.

UNC Charlotte is an Equal Opportunity Employer/Affirmative Action Employer (EEO/AA).