The Engineering Department at New York University Abu Dhabi is inviting applications for a full-time position as Manager of the Engineering Design Studio. The applicants should have a Masters Degree in Industrial Design, Product Design or a comparable field of design with three to five years of industry experience.

The Manager of the Engineering Design Studio will work under the supervision of Prof. Felix Beck (https://nyuad.nyu.edu/en/academics/faculty/felix-hardmood-beck.html) and Matthew Karau (http://nyuad.nyu.edu/en/academics/faculty/matthew-karau.html) and will report to the Dean of Engineering.

There will be the following responsibilities:
1. Specify, Create, Maintain, and Innovate policies, machinery, and methodologies to deliver a high-availability, world-class prototyping workshop for undergraduate students.
2. Tutor, Mentor, and Advise students on activities related to ideation, design, prototyping, and manufacturing of physical, electrical, mechanical, and computational models and projects.
3. Specify, Acquire, and Maintain a world-class stock of components and materials.
4. Present tutorials, seminars, and individual training on software and hardware tools for prototyping and manufacturing.
5. Engage with and mentor students engaging with external professional manufacturing entities.
6. Co-Teach courses within the Engineering Division and across disciplines where CAD/CAM, industrial design, interaction design, or rapid prototyping are key components of the learning outcomes.
7. Support the Design and Innovation program and the Engineers for Social Impact program, and help shape the evolving curricula.
8. Continual assessment, improvement, and implementation of safety standards and policies for the space: development of a safety briefing (as a handout to new students), planning of safety instruction session on a regular basis, training members in safe work procedures (e.g. use of personal protective equipment) and document training in the training log, supervision of students, keeping controls in place, checking the First Aid Kit, banish high risk equipment out of public area, and yearly evaluation of existing Risk Assessment.

Desired Skills:

Review of applications will begin immediately and will be considered on a rolling basis. Please visit our website at http://nyuad.nyu.edu/about/careers/faculty-positions.html for instructions and information on how to apply. To be considered, all applicants must submit a cover letter, a curriculum vitae, representative project documentation, expected date of availability, and names of two referees, all in PDF format. If you have any questions, please e-mail felix.beck@nyu.edu.

The preferred start date is October 1st, 2016. The duration of employment is for two years with the possibility to renew. This position is based in Abu Dhabi (U.A.E.). The terms of employment are competitive and include housing and other benefits.
About Engineering Design Studio:
The Engineering Design Studio is the NYUAD Engineering Division’s open lab space and teaching lab for the fields of engineering and design. Within the lab, students are invited to work on projects ranging from personal passion projects to research, from coursework to competition entries, external collaborations to senior capstone design work. The lab offers students a multidisciplinary environment with world-class machines and high-quality materials that supports self-directed workflows, encourages students to explore the intersections between design and engineering, and celebrates iterative approaches to project development. In addition to supporting engineering students, the lab hosts numerous student interest groups and welcomes students from across campus to work, study, and make. Since the lab’s inception in 2014, student projects have received both national and international recognition for excellence and have received over 2M AED in awards and grants. Inside the Studio, the best coffee of campus is offered.

It is all about relevance, proficiency, sincerity, interdisciplinary, multidimensionality, quality and respect. We want students to develop an identifiable attitude in those terms.

About NYUAD:
New York University has established itself as a Global Network University, a multi-site, organically connected network encompassing key global cities and idea capitals. The network has three foundational degree-granting campuses: New York, Abu Dhabi, and Shanghai, complimented by a network of eleven research and study-away sites across five continents. Faculty and students will circulate within this global network in pursuit of common research interests and the promotion of cross-cultural and interdisciplinary solutions for problems both local and global.

Entering its sixth year, NYU Abu Dhabi has recruited a cohort of faculty who are at once distinguished in their research and teaching. Our students are drawn from around the world and surpass all traditional recruitment benchmarks, both US and global. NYU Abu Dhabi’s highly selective liberal arts enterprise is complimented by an institute for advanced research, sponsoring cutting-edge projects across the Arts, Humanities, Social Sciences, Sciences, and Engineering.

EOE/Minorities/Females/Vet/Disabled