

NILE UNIVERSITY

NU is the first research, Non Profit “Ahleya” university in Egypt, It was inaugurated in 2007 as a world-class, internationally recognized education and research University.

School of Engineering and Applied Sciences

The school of Engineering and applied sciences (EAS) mission is to contribute to the technology-based economy at the national and international levels, and to prepare its graduates for professional excellence, entrepreneurship, and leadership roles in the engineering fields and the academic sector. This mission is accomplished by providing the highest level of engineering education, advanced research, innovative technology-based instruction, and by attracting world-class faculty with outstanding record in teaching and research.

School of Engineering and Applied Sciences (EAS) is seeking to hire **full-time and part-time faculty members** in the following areas of engineering:

- **Architectural Engineering and Urban Design (ARUD) Program**
- **Civil and Infrastructure Engineering and Management (CIEM) Program**
- **Electronics and Computer Engineering (ECE) Program**
- **Engineering Core**
- **Industrial Engineering (ISEM) Program**
- **and Mechanical Engineering (MENG) Program**

While openings are generally expected to be at the Assistant Professor level, exceptionally qualified candidates may be hired at the Associate and Full Professor levels. The starting date of all new hires will be in Fall of 2020. Part-time hires starting dates, however, will on the semester where their respective courses are offered.

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Job Responsibilities: Full-time faculty members at the school of Engineering and Applied Sciences are expected to:

- Perform high-quality teaching at the undergraduate and postgraduate levels. The full-time faculty load is 18 credit hours per academic year
- Conduct high-quality research including supervising MSc students’ theses, publishing in high-quality forums, writing grant proposal and obtaining research funds
- Carry out academic services and related tasks

Successful applicants must have;

- PhD degree from a reputed university in the field of specialization. For the Faculty of Practice position(s), however, a master’s degree may suffice (candidates will be assessed according to multi-dimensional wholistic criteria.
- In-depth subject knowledge/expertise in the designated field
- Proven teaching and research track records suitable to the rank the applicant is applying for
- Ability to develop and deliver innovative and effective teaching and learning materials
- Excellent communication skills and English proficiency
- Experience in online teaching and in utilizing online teaching tools
- High-quality (bandwidth and stability) personal/home access to the Internet that is suitable for agile video conferencing

To Apply:

Interested applicants are invited to submit the following material:

- Cover letter
- Detailed Curriculum Vitae including publication list, grants, and work experience
- Teaching and research statement(s), not to exceed one page in total
- Names and contact information of three references (including email address/phone)

All requested material should be emailed in the form of a single PDF file and sent to EAS.Careers@nu.edu.eg

The subject line of the email MUST include the following indicator to declare the program, desired rank, and whether the applicant wants to be considered for a Full Time position (FT), Part Time (PT), or both (FT&PT): [Program Name; Desirable Faculty Rank; Part-Time, Full-Time, or both]

Our Search is subject to availability of 2020-2021 budget and will remain open until all available positions are filled. However, applicants who are seeking full consideration must submit their applications before 1 September 2020. Please note that only those applicants who are selected for an interview will hear back from the university.

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Details concerning the qualifications sought in each program are as follows:

Architectural Engineering and Urban Design (ARUD) Program

Full-Time Positions:

The Architecture and Urban Design program (ARUD) is seeking to hire full-time assistant/associate professor(s) within the integrative nature of the program combining architecture and urban design, with special interest in human aspects and interdisciplinary approaches. We are particularly interested in candidates with the ability to teach architecture and urban design studio, advanced design processes, research methods and POE, urban economics among other spatial and urban dynamics issues. Preference will be given to candidates with expertise in multidisciplinary research.

Part-Time Positions:

The Architecture and Urban Design program (ARUD) is seeking to hire part-time assistant/associate professor(s) within the integrative nature of the program combining architectural design with construction systems, building systems, and execution leading to integrated design and BIM. We are particularly interested in candidates with the ability to participate in teaching beginners and intermediary levels of architecture and urban design studios, while mainstreaming human aspects in design, following a research-based design process and engage with multi-disciplinary approaches in any courses taught.

Civil and Infrastructure Engineering and Management (CIEM) Program

Full-Time Positions:

The Civil and Infrastructure Engineering program (CIEM) is seeking to hire full-time assistant professor(s) in areas within the program’s scope with special interest in Construction Engineering and Management. We are particularly interested in candidates with an ability to teach strategic management in construction, value and risk management, principles of human resources management, sustainability and built environment, real estate and urban planning and development. An industrial experience is desirable, in addition to other skills such as using various software packages. Candidates should have a proven research record in the areas of interest.

Part-Time Positions:

The Civil and Infrastructure Engineering program (CIEM) is seeking to hire part-time assistant professor(s) in areas within the program’s scope with special interest in Transport Systems, Concrete Design, Engineering Surveying, Hydraulics and Environmental Engineering. We are particularly interested in candidates with ability to teach courses related to the aforementioned specializations and supervise students to conduct various laboratory tests. A proven record of research is required, and an industrial experience is desirable.

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Electronics and Computer Engineering (ECE) Program

Full-Time Positions:

The Electronics and Computer Engineering (ECE) program is seeking to hire full-time assistant/associate professor(s) in areas within the program’s scope with special interest in analog and digital electronic circuits and CAD tools, communications and signal processing, programming and software engineering, computer architecture and embedded systems, parallel computing and operating systems. Candidates should have a proven research record in the areas of interest.

Part-Time Positions:

The Electronics and Computer Engineering (ECE) program is seeking to hire part-time assistant/associate professor(s) to teach Electric Machines and Fundamentals of Electromagnetics courses in Fall 2020. In Spring 2021, we are seeking candidates to teach Electric Machines, Applied Electromagnetics, and Economics and Project Management in ECE applications courses.

Engineering Core

Full-Time Positions:

The Engineering Core program is seeking to hire full-time assistant/associate professor(s), in the following fields (Engineering Mathematics / Engineering Physics / Engineering Mechanics / Engineering Drawing). The applicant should hold a PhD in Engineering Mathematics / Engineering Physics / Engineering Mechanics/ Mechanical Engineering from a reputed university in the field of specialization with at least 2 years of teaching experience in his/her field.

Industrial Engineering (ISEM) Program

Part-Time Positions:

The Industrial Engineering program is seeking to hire part-time assistant/associate professor(s) in any of the following field computer integrated manufacturing, computer aided design and engineering, additive manufacturing techniques and product design.

For More information

www.nu.edu.eg/careers

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Mechanical Engineering (MENG) Program

Full-Time Positions:

The Mechanical Engineering program (MENG) is seeking to hire full-time assistant/associate professor(s) in mechanical engineering. In the thermal sciences and energy track, the candidate is required to teach thermodynamics, turbomachinery, internal combustion engines, combustion, machine design and machining systems, manufacturing systems, micro-controllers, and renewable energy. While in mechanical design and production engineering, the candidate is required to teach solid mechanics and strength of materials, solid modeling, production engineering, and mechanical design. Good history of publishing in indexed journals is a requirement. Preference will be given to candidates with a record of grants attraction and industry/community engagement experience.

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