Tenure-Track Lab Instructor in Industrial Systems Engineering (ISE)
Faculty of Engineering and Applied Science

Situated in beautiful Wascana Park, one of the largest urban parks in North America, the University of Regina is a comprehensive institution that emphasizes excellence in teaching and research, as well as public service. Experiential learning and cross-disciplinary teaching are strongly supported.

The Faculty of Engineering and Applied Science presently offers five programs in Electronic, Environmental, Industrial, Petroleum and Software Systems Engineering that are accredited by the Canadian Engineering Accreditation Board. A new Energy Systems Engineering program started in Fall 2023. We also offer M. Eng., M.A.Sc. and Ph.D. programs, as well as interdisciplinary graduate programs. The Faculty offers unique Co-operative Education and Internship programs and has approximately 650 undergraduate and 350 graduate students (about 140 graduate students are in Ph.D. programs). The Faculty has a strong commitment to providing an excellent "systems approach" to engineering education. Each program has a unique implementation of the systems theme, founded on the common underlying goal of producing engineering graduates with a strong base of technical knowledge and with the breadth of complementary skills that successful professional engineers should have in the workplace.

The Faculty enjoys close collaborative relationships with industry and government research laboratories. These include the Sylvia Fedoruk Canadian Centre for Nuclear Innovation, SaskPower, the Saskatchewan Research Council, the University's Clean Energy Transition Hub (CETH), Clean Energy Technologies Research Institute (CETRI) and the Institute for Energy, Environment and Sustainable Communities (IEESC). More information on the Faculty can be found on our website at: https://www.uregina.ca/engineering/.

Applications are invited for a tenure-track faculty position in the Lab Instructor category. The successful candidate must have the ability and enthusiasm to develop, revise, and conduct undergraduate lab courses in core industrial systems topics. In addition to lab courses in core Industrial Systems Engineering (ISE) topics (ENIN 233/ENIN 241/ENIN 253/ENIN 340/ENIN 343/ENIN 349/ENIN 370/ENIN 440/ENIN 444/ENIN 445/ENIN 463), the successful candidate will be required to conduct lab courses in the General Engineering (ENGG 100) areas.

The successful candidate will need to become familiar with CNC machines, metallurgy, drawing standards, 3D Scanning and 3D Printing, Industrial robots, HVAC system, heat exchangers, pumps. Preference will be given to individuals with at least 2 years' experience in industry or a laboratory setting and those with previous teaching experience and who are familiar with the software packages implemented in ISE such as AutoCAD, Solid Edge, Autodesk Fusion, FeatureCAM, Ansys, Pro Model, Minitab, MATLAB, and design modeling package. The successful candidate will be familiar with the function and operation of a wide range of manufacturing and mechanical equipment and will have demonstrated experience in operating, maintaining, and troubleshooting. The successful candidate will have a demonstrated ability to work successfully in a team environment with superior verbal and written communications skills. The successful candidate will be required to show a strong

commitment to teaching and developing new labs as well as Faculty and university service during their appointment.

Applicants will have one of the following:

- B.A.Sc. or equivalent in Industrial engineering or Manufacturing engineering or Mechanical engineering or a closely related area. The candidate will also have the appropriate credentials for registration as a Professional Engineer (P.Eng.) in Saskatchewan.
- Diploma of Applied Science/Technology in Industrial engineering or Manufacturing engineering or Mechanical engineering or a closely related area. The candidate will also have the appropriate credentials for registration as an Applied Science Technologist in Saskatchewan. Applied Science Technologists are expected to work toward registration with APEGS as an Engineering Licensee during the course of their employment.

To apply, please go to http://www.uregina.ca/hr/careers/opportunities.html and submit a cover letter, a current curriculum vitae, evidence of teaching effectiveness, and photocopies of transcripts. Please be prepared to provide official transcripts and a list of three references with complete contact information. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

The University of Regina is committed to an inclusive workplace that reflects the richness of the community that we serve. The University welcomes applications from all qualified individuals, including individuals within the University's employment equity categories of women, persons with disabilities, members of visible minorities, Indigenous persons, individuals of diverse gender and sexual orientation and all groups protected by the Human Rights Code.

Review of applicants will begin March 7, 2025 and continue until the position is filled.