Applications for Sessional Instructor

ENSC 405W – spring 2020 (Jan 3, 2020 – April 30, 2020)
Deadline: Monday, Nov 12, 2019 (open until filled)
Campus: Burnaby

The School of Engineering Science is now accepting applications for the position of Sessional Instructor for Engineering Science (ENSC) 405W, Capstone A: Project Design, Management, and Documentation, for the spring 2020 Term. ENSC 405W is the first part of an 8 month two-course Capstone project, and is a pre-requisite course for ENSC 440 (the second part of the Capstone project). The instructors of these two courses (ENSC 405W and ENSC 440) work closely together and co-manage TAs who are associated with both courses. ENSC 405W is the first part of an 8 month Capstone project, and guides the student teams in writing processes, project documentation and engineering design, group dynamics, engineering standards, project management, dispute resolution, intellectual property, entrepreneurship, and user interface design.

Qualifications:

- Post-doctoral fellow, Ph.D. graduate, or senior doctoral students in Engineering with an accredited undergraduate engineering degree or equivalent experience that required successful completion of a capstone engineering project in a team or
- An industrial engineer (active or retired) who has extensive experience with all product design stages.
- Experience working with or supervising teaching assistants, particularly in the context of using grading rubrics to standardize marking among multiple reviewers.
- Experience evaluating student work and providing feedback both for technical content as well as for writing mechanics.
- Demonstrated experience with critical thinking and argumentation.
- General understanding of the writing process as well as informative and persuasive writing or
- Extensive experience in process documentation and knowledge of engineering standards.
- Knowledge of ethical issues and theories associated with engineering demonstrated through completion of an engineering ethics course or, preferably, through experience as a TA in such a course.
- Experience with group dynamics and working with undergraduate students to resolve team conflicts.
- At least two years of experience working as a Teaching Assistant or Sessional Instructor or has at least two years of experience in leading an engineering team in product design
- Knowledge of Canvas is an asset.
- Applicants must demonstrate excellent communications skills as demonstrated by publications within engineering conferences/journals or relevant industry/academic experience.

Deadline: Monday, 12, 2019 (posting will remain up until filled however) Please send by fax or email your application for this position, along with a copy of your current CV, to:

Professor Marinko Sarunic, Associate Director
School of Engineering Science
Simon Fraser University
Burnaby BC V5A 1S6

Email: msarunic@sfu.ca
Fax: 778-782-7654

The University is committed to the principle of equity in employment
The information submitted with your application is collected under the authority of the University Act (R.S.B.C. 1996, c.468, s. 27(4)(a)), applicable federal and provincial employment regulations and requirements, the University’s non-academic employment policies and applicable collective agreements.

The information is related directly to and needed by the University to initiate the employment application process. The information will be used to contact references supplied by you, evaluate your qualifications and complete the employment process by making a hiring decision. Applicant information may also be disclosed to the Teaching Support Staff Union in accordance with Article XIII F.3.1.a (IV) of the Collective Agreement.

If you have any questions about the collection, use and disclosure of this information please contact the Associate VP, Human Resources, Simon Fraser University, Burnaby, BC V5A 1S6. Telephone 778-782-3237.

Distribution: ENSC Grad students, ENSC Faculty, Dean of Applied Sciences, TSSU