St. Peter's College
Affiliated with the University of Saskatchewan

Job Title

CMPT 142.3 Lecture & LAB Instructor
Introduction to Computer Science for Engineers

Length of Employment

Sessional
October 11 to December 6, 2022
Tuesdays 9am to 12:30pm, 1pm to 2pm, Labs 2pm to 5pm
Total 47.5 hours
Subject to change

Qualifications:

M.Sc. Degree
Industrial experience with software would be an asset

Location:

St. Peter's College Campus in Muenster SK.

How to apply:

Please send your CV and cover letter to jobapplications@stpeters.sk.ca by Thursday, July 7th at 5pm local time.

Employer Information

St. Peter's College brings together a picturesque rural setting with a high level of academic integrity and excellence. Located in Saskatchewan's heartland, St. Peter's College offers the best of both worlds, by offering a friendly and supportive learning environment and excellent instruction amidst a beautiful and historical facility and campus.

Our reputation for quality, innovation and excellence has gained provincial, national and international attention. Our former students and alumni are the entrepreneurs, lawyers, science and health professionals, educators and leaders who are making a difference in communities, provinces and countries throughout the world.

St. Peter's College has been affiliated with the University of Saskatchewan since 1926. We offer face-to face classes. Many students attend St. Peter's College to take their first and second year of Arts and Science, Business/Commerce, Agriculture, Engineering or Kinesiology or to fulfill the entry requirements to colleges such as Medicine, Law, Nutrition, Pharmacy, and Education.

Course Description

Introduces essential computer science and computer programming concepts and principles, with application to problems relevant to all Engineering disciplines. Presents the context in which computational problem solving is done, including historical and elementary technical aspects. Emphasizes fundamental programming constructs, including data and data types, variables and expressions, conditional branching, repetition, functions, recursion, as well as data structures such as strings, lists, and dictionaries. Presents searching and sorting algorithms as an introduction to concepts in computer science. Emphasis throughout on the practice of basic skills needed for writing robust software, including formal design processes and documentation, internal code documentation, testing, and debugging.