Invites applications for the following position(s):

COMPETITION NUMBER: 500
C.U.P.E. Local 3338 – Continuing Position
TECHNICIAN, GRADE 11
FACILITIES – ENERGY MANAGEMENT
POSITION NUMBER: 105985

POSITION OUTLINE:
Operates and maintains the University’s automated building heating, ventilation and air conditioning (HVAC) controls systems controlling the operation of heating, cooling, and ventilation to University. Maintains the University’s Direct Digital Controls/Energy Management Systems/Building Automation Systems (DDC/EMS/BAS). Monitors and optimizes energy supply to match energy demand; identifies energy performance trends in buildings; prepares analyses of anomalies to troubleshoot for energy waste from HVAC equipment; maintains the EMS data current and accurate with building configuration space changes; and makes proposals for energy saving opportunities. As a member of the Energy Management team, works collaboratively to identify and evaluate potential technical solutions. Coordinates and liaises with consultants, contractors, and trades on a day-to-day basis to implement projects and advance energy management goals set from the University’s Strategic Energy Management Plan (SEMP). Assists and supports the Energy Manager with the development of Energy Efficiency, Conservation, and Sustainability Programs for the University. Performs other duties and responsibilities consistent with the job description and classification on request.

QUALIFICATIONS:
- **High school graduation and two years of post-secondary education in Engineering (i.e., Electrical, Mechanical or Electronics) or related field or program (i.e., Certified Energy Management).**
- **4 years of related experience.**
- Excellent knowledge of heating, ventilation, and air conditioning (HVAC) mechanical, instrumentation, and electrical building management systems.
- Excellent knowledge of computer-aided building heating and ventilation controls (HVAC) systems controlling the supply of heating, cooling, and ventilation.
- Excellent knowledge of dynamic and pneumatic controls, transmission control and internet protocols (TCP/IP) and the Building Automatic and Control network (BACnet) open protocol.
- Excellent knowledge of building code requirements.
- Good knowledge of computer aided design (CAD) and business applications for project management and cost-estimating work.
- Good familiarity with energy efficiency and energy management principles.
- Ability to program in using English Controls Language based on C++ and structured query language (SQL) and a good familiarity with open database connectivity (ODBC) configurations.
- Ability to use e-mail, spreadsheet and word processing applications (e.g., Outlook, Excel, and Word) at an intermediate level.
- Ability to organize and direct the work of technical staff and consultants.
- Ability to exercise mature judgment and initiative.
- Ability to work independently and as a member of a team.
- Excellent communication (both oral and written), organizational, interpersonal, and customer service skills.
- Excellent analytical reasoning, problem-solving, facilitation, co-ordination, and client liaison skills.
- Ability to work flexible/extended hours based on operational requirements.
- Ability to attend off-campus seminars and conferences as required.
- Ability to lift, move or carry equipment or materials up to 10 kg.
- **or an equivalent combination of formal education, certificate/program of study and experience is acceptable.

STARTING SALARY: $2,098.53 (BI-WEEKLY RATE: $2,098.53, ANNUAL RATE: $54,749.18)
START DATE: ASAP

A detailed resume and cover letter quoting Competition #500 must be received in our office by 4:30 pm on August 30, 2017, addressed to the attention of Bela Barros, Human Resources Advisor. Please follow the application instructions at: http://www.sfu.ca/hr/prospective_employees/HowToApply.html.

We thank all applicants for their interest; however, only those selected for interviews will be contacted.

The University is committed to the principle of equity in employment
A more detailed job description may be obtained at www.sfu.ca/jobpostings