

Learn about the Electrical Engineering Technology and Instrumentation Engineering Technology Careers

This hands-on event offers an introduction to the Electrical Engineering Technology and Instrumentation Engineering Technology programs. The day will provide exploration of the programs, career opportunities, and hand-on activities. Both programs are full of career opportunities!!!

Where: Saskatchewan Polytechnic - Moose Jaw Campus located at Saskatchewan St and 6th Ave NW

When: May 10, 2019, 9:00 am-4:00pm

Requirements: Please wear closed-toe shoes

Cost: NO COST TO REGISTER. However, participants will incur own transportation costs.

Lunch: It will be provided, 12-1pm

For more information, please contact:

Marlene Frechette at 306-691-8385 or marlene.frechette@saskpolytech.ca

Michelle Lanoie at 306-691-8446 or michelle.lanoie@saskpolytech.ca

Seats are limited, so register early!

EET / IET Schedule for morning and afternoon sessions

Friday May 10, 2019	
9am-4pm	
9 am	Greeting from the Organizers Where: Sarah's Dining Room (inside cafeteria)
9:15am-12pm	Electrical Engineering Technology
Western Canada is growing—our economy, our population, our demand for energy. Electrical engineering technologists are specialists in the generation, transmission, distribution and utilization of energy. It's a powerful career choice that demands good problem-solving skills and an eye for detail. In return, you'll enjoy good job prospects, excellent mobility and great earning potential.	
Hour 1	Program information & Career Path Presentation
Hour 2 Hour 3	Explore programs by hands-on activities
	<ul style="list-style-type: none"> • Examine difference between AC and DC voltage by measuring DC and AC sources. • Create DC and AC generation circuits using LabVolt equipment to power various instruments & appliances. • Examine everyday energy saving methods using the previously constructed circuits.
12-1 pm	Lunch
1:00pm – 4pm	Instrumentation Engineering Technology
Process control instrumentation is the technology of using instruments to measure and control manufacturing, conversion, or treating processes to create the desired physical, electrical, and chemical properties of materials. Process control instrumentation provides the means for manufacturing everything from snack foods to automobile interiors; the capability for environmental control of municipal wastewater and fossil fuel power generation stack emissions; the method for sophisticated air conditioning in the workplace, office buildings and homes; and much more.	
Whether at urban power plants or remote mine sites, big machines are working 24/7. These machines are controlled by complex instruments... so complex it takes specialized technologists to look after them.	
Instrumentation engineering technology is a specific skill set—you need to be comfortable with technology, good at visualizing how systems work and interested in troubleshooting solutions. It's also a career with diverse job opportunities. Demand is especially high in heavy industry, mining, manufacturing and production.	
Hour 1	Program information & Career Path Presentation
	<ul style="list-style-type: none"> • What is Instrumentation engineering technology? • Opportunities for You in Instrumentation
Hour 2 Hour 3	Explore programs by hands-on activities
	<ul style="list-style-type: none"> • Introduction to the measurement of variables that are typically seen in industrial plants • Instrumentation Escape Room “use instrumentation to get the clues to escape the instrumentation lab” • We will use instrumentation to measure Pressure, Level, Temperature and Flow these accurate measurements will give you keys to escape the lab • Fast fingers, reaction time tester



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