



# ***Applied Research Technologist II***

**Camosun Innovates**

**VP Education**

**Job Posting:** U17-053                      **Closing Date:** April 20, 2016  
**Position Type:** Full-time/Regular                      **Location:** Interurban Campus  
**Start Date:** ASAP  
**Schedule:** Monday - Friday; 8:30 am - 4:30 pm (35 hrs/week)  
**Salary:** Pay Grade 10; \$25.13 to \$26.84 per hour  
**New**  
**Note:** 2 positions

Applications for this posting will be accepted from current employees and the general public who meet the minimum qualifications of the job. Regular employees as defined in the CUPE Collective Agreement shall be considered prior to all others.

## **GENERAL STATEMENT**

The Applied Research Technologist II provides and completes activities in support of technical product development related to Applied Research projects undertaken by Camosun Innovates. This position will also liaise directly with industry partners/clients, faculty and students on a wide range of projects technical tools.

Dependent upon project assignment, activities may be within the areas of: manufacturing & automation; and/or prototyping; and/or industrial design. Specialized equipment includes but is not limited to: waterjet cutters, laser cutters, multi-axis machining centres and 3D printers, CAD and CAM software

## **TYPICAL DUTIES**

- **Provides product design support ranging from creation to production for projects being undertaken with local companies**
- Operates and maintains industrial rapid prototyping equipment
- Operates and maintains manual and CNC machining equipment including five axis machining centres, laser and waterjet cutters
- Creates and completes part designs in preparation for production using appropriate CAD and CAM software/tools
- Assists with the design, and operates and maintains automation and robotic equipment
- Assists supervisor in the coordination of resources and quoting of work related to assigned projects as well as determining the most cost and time effective process for various tasks
- Maintains a high level of integrity and confidentiality with materials and results of research activity
- Liaises directly with local industry with regards to technical applied research activities related to assigned projects
- Provides a range of customer service to local industry partners both with projects or prospective clients
- Acts as a resource to students as relates to assigned area or project
- Demonstrates and assists in the instruction of proper and safe use of specialized equipment/software to students; may participate in presentations conducted by supervisor as requested
- Uses applicable shop tools to fabricate parts from a variety of materials types
- Assists in identifying testing procedures and performs material tests

- Participates in the maintaining of a clean and safe work environment (workshop and tools); advises supervisor on repairs or other requirements
- Performs other related duties similar in scope and complexity

### **QUALIFICATIONS**

Diploma in Engineering Graphics or Mechanical Engineering Technology and a Certified Solidworks Professional (CSWP) certificate and three years of current experience using rapid prototyping equipment, 3D scanning & modeling software and/or using CNC equipment, CAD and CAM software or an equivalent combination of education and experience

- Ability to multi-task - working on multiple projects concurrently.
- Proven effective written and verbal communications skills including presentations
- Demonstrated excellence in customer service
- Ability to work both independently and in a team environment
- A demonstrated aptitude for learning and operating similar equipment
- Ability to rapidly learn new tools, and stay up to date with technology advances
- Proven self-starter, creative thinker
- Demonstrated competency of use of digital modeling and graphics tools, 3D printing equipment/software
- A strong aptitude for automation and robotic applications
- Ability to lift and move equipment and supplies
- Basic knowledge of MS Office suite;
- Must be willing to obtain a Lift-Truck (Fork Lift) Operator certificate

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Apply online at [www.camosun.ca/careers](http://www.camosun.ca/careers). We would like to thank everyone in advance for applying as only those selected for an interview will be contacted.

***Camosun College is an Equal Opportunity Employer***