



Applied Research Technologist I

Camosun Innovates

VP Education

Job Posting: U17-052 **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 8; \$23.51 to \$25.13 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

Under the direct supervision of the supervisor, the Applied Research Technologist I provides and completes activities in support of technical product development related to Applied Research projects undertaken by Camosun Innovates.

Dependent upon project assignment, activities may be within the areas of: composites or design/manufacturing. Specialized equipment includes waterjet cutters, laser cutters, multi-axis machining centres and 3D printers, CAD and CAM software

TYPICAL DUTIES

- **Provides product design support for Applied Research projects being undertaken with local companies**
- **Operates industrial rapid prototyping equipment, manual and CNC machining equipment for projects in a proper and safe manner**
- Supports the completion of part designs in preparation for production using appropriate CAD and CAM software/tools
- Provides 3D scanning and digital modelling support for projects for local companies
- Assists with the design and operation of automation and robotic equipment
- Assists supervisor by providing input for determining the most cost and time effective process for various tasks
- Maintains a high level of integrity and confidentiality with materials and project results
- Liaises with local industry with regards to technical activities related to assigned projects as directed by supervisor
- Provides effective and efficient customer service to department, team members and when requested by supervisor to local industry partners on assigned projects
- Uses applicable shop tools to fabricate parts from a variety of materials types
- Assists in identifying testing procedures and may performs material tests when requested
- Participates in the maintaining of a clean and safe work environment (workshop and tools); advises supervisor on repairs

- 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 one year 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
- Demonstrated 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
- 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

Apply online at 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