

ADMINISTRATIVE POSITION VACANCY

Advanced Manufacturing Scientist

Product Innovation and Manufacturing Research – WAMIC

Located in the heart of the Niagara Region – just minutes from one of the world’s most well-known tourism destinations – Niagara College offers more than 130 innovative programs between our campuses in Welland and Niagara-on-the-Lake. Since opening its doors in 1967, Niagara College has grown to become a leader in education and training and one of the most enterprising colleges in Canada.

Applications are invited for the position of Advanced Manufacturing Scientist, Product Innovation and Manufacturing Research in the Walker Advanced Manufacturing Innovation Centre (WAMIC) at Niagara College, located at our Welland Campus. This position is part of the Research and Innovation Division.

The incumbent is responsible for providing internal technical lead for all 3D Printing, 3D Scanning, 3D Design activities, and other technical services and/or applied research activities, as assigned. Working in collaboration with the Centre Manager, the Research Project Manager, and the Research Laboratory Technologist, the Advanced Manufacturing Scientist will provide the technical service lead in advanced manufacturing technical service and applied research activities, including, but not limited to, disseminating pre-sales technical expertise to industry partners; executing customer visits; recommending solutions; following up with potential customers; and achieving deadlines/completion of deliverables.

Other Responsibilities Include, but are not limited to:

- documenting, preparing, and executing technical service and applied research projects including the follow-up with customer issues to complete resolution
- conducting product demonstrations and product implementations (processes) involving 3D printing, 3D scanning equipment, as well as other technologies at WAMIC to industry partners
- participating in marketing events and presentations, as well as other technical sales and marketing related efforts
- managing suppliers and technology partners for design and prototype services, while staying current and familiar with all competing technologies in advanced manufacturing
- making recommendations for new products and services, as industry dictates
- contributing in the creation of any sales/marketing materials required for the purpose of presenting and selling the design engineering

Qualifications:

- 4-year degree in Science or Engineering
- Technical sales consulting experience preferred
- Sub-specialization in Mechanical, Electrical and/or Mechatronics Engineering preferred (Civil or BIM construction will be considered)
- P. Eng designation is considered an asset
- 5 years of relevant experience to include Mechanical design; product development; 3D printing, 3D scanning and attending processing/analysis
- Experience with computer-aided design software - Autodesk Design Suite
- Knowledge of FARO suite and Stratasys suite of products and software’s
- Some exposure to Lean Manufacturing Principals
- Comprehensive knowledge of the advanced manufacturing sector in the Niagara Region and beyond
- Ability to manage projects with proven outcomes within given timelines
- Excellent communication, management, presentation, networking, human relations and conflict resolution skills

- Excellent skills in work organization, information handling, and time management including the ability to work to strict deadlines and timelines
- Computer skills, especially in Microsoft Word, Excel, PowerPoint
- Ability to link advanced technology with industry needs
- General understanding of digital prototyping, digital manufacturing, additive manufacturing, and reality laser capture

A Job Fact Sheet is available for review from Human Resources during the posting period. Please contact humres@niagaracollege.ca to request a copy.

If selected for an interview, candidates must present proof of education (i.e.: original transcripts/credentials). Note: Credentials obtained outside of Canada require an evaluation to determine the Canadian educational equivalence. This evaluation must support the educational requirements for the position as a condition of employment. For further information, visit: World Education Services <http://www.wes.org/ca/>.

We thank all applicants but only those selected for an interview will be contacted.

Niagara College is strongly committed to diversity and inclusion within its community. We offer an inclusive work environment and welcome applications from all qualified individuals who feel they can further enhance campus diversity and equity efforts.

If requested, accommodations will be made to support applicants with disabilities during the recruitment and selection process.