



## offre d'emploi

**Welding Technologist (Metallurgy and Welding Centre)**  
**Entrepreneurship and Innovation Department**  
**Head Office**

Term employment ending on September 30th, 2017 at the latest  
Full time

**Open competition: #14-6775-036**

The Collège communautaire du Nouveau-Brunswick (CCNB) is seeking a dynamic individual for the position of **Welding Technologist** at the Metallurgy and Welding Centre of the Entrepreneurship and Innovation Department.

The CCNB received financial support from two levels of government for the establishment of the Atlantic Welding Technology Centre (AWTC) in Bathurst, New Brunswick. The AWTC will lead to the implementation of a Pan-Atlantic development initiative in the field of welding, in partnership with all the other public colleges of the region. The overall objective aims to improve the quality, productivity and competitiveness of the region's manufacturing industry, by facilitating and accelerating the recognition, the adoption and adaptation of cutting-edge welding technologies and procedures by welding service providers and key industrial users in Atlantic Canada. Through partnerships with welding equipment manufacturers, the AWTC will provide innovative welding systems to local businesses and specialized training opportunities on the latest equipment.

### **JOB DESCRIPTION:**

The individual will work at the AWTC in partnership with a research engineer and a welding business development officer, as well as engineers, technologists and tradespersons working for the MWC or the CCNB as instructors. This person will provide the technical support required for research and development investigations to develop and test new manufacturing processes, improve existing equipment or design new welding equipment, or develop new processes or modify existing welding processes, techniques and procedures. He/She will have to maintain close networking relationships with equipment and process providers, as well as maintain cutting-edge industry know-how related to any new technological development in the field of welding, in order to inform and educate business officers on these new technologies and their application in solving manufacturing problems.

He/She will help businesses more easily integrate new welding processes and technologies. Together with the research engineer, he/she will help businesses establish procedures to guide their production and welders according to limit specifications, material processes, pre-heating and post-heating requirements involving the use of complex alloys, unusual manufacturing methods, welding of critical joints and complex post-heating requirements. He/she will specialize in automation and robotics for recommendation purposes and eventual application to business manufacturing processes. The individual will inspect parts or components using handheld state-of-the-art metrology equipment (ultrasonic, coordinate measuring, hardness, microscopy, etc.). He/She will apply metallurgy principles in order to prepare and carry out thermal processes (induction, radiant, etc.).

The individual could be assigned to or coordinate special or ad hoc projects according to needs. He/she will have to read, understand and follow work instructions in a safe, accurate and timely manner. He/she will prepare clear and concise technical reports from research and development results and preventive maintenance investigations. He/she will design parts and assemblies using computer-aided design software. The individual could be called upon to collaborate in the development and delivery of short training courses on welding specificities. He/she will establish and maintain contacts with staff from other organizations, technical staff or clients, to share ideas, information, or provide technical advice on welding questions.

### **REQUIREMENTS:**

A Bachelor of Welding Engineering and three (3) years of relevant business experience including responsibilities coordinating projects.

OR

A college diploma in welding techniques and/or welding process technology and at least five (5) years of relevant business experience including responsibilities coordinating projects.

Please provide and document all other professional certifications/qualifications deemed relevant for this position.

Knowledge of the metal and/or welding sector, combined with knowledge in automation and robotics, is considered an asset.

**Knowledge of written and spoken English and French is required** - learning one or these two languages will be possible in the course of employment. Must possess superior interpersonal skills and good writing, communication and leadership skills to work in a rapidly changing work environment. Must be autonomous, productive and willing to meet challenges related to establishing a collegiate structure dedicated to meeting business research and industrial services needs. Could be required to work evenings according to the needs of entrepreneurs and be willing to travel within the province, in other parts of the country and sometimes abroad.

Other important skills: The ability to work in a confidential manner with little supervision; good time management; attention to detail; ability to set priorities and show versatility; ability to take the initiative; ability to work under pressure. Must have a good performance and attendance record. Respect CCNB values and comply with the CCNB code of ethics.

An equivalent combination of training and work experience required for this position **could** be considered. Applicants must state them clearly in their résumé and, if they are invited to an interview, they will have to support this equivalence by providing their credentials to the selection committee.

**WORKING CONDITIONS: Place of work:** Bathurst

**Status:** Full time term employment ending on September 30th, 2017 at the latest (with the possibility of renewal)

**Salary:** According to the salary range for senior executives and non-unionized employees

**Start Date:** As soon as possible

In your résumé, state your qualifications, experience and language skills clearly. For each position, include the start and end date (**month-year**). Provide evidence of degrees. Must be able to provide proof of a criminal background check and proof of degrees. Applications which do not comply with the above-mentioned criteria could be rejected. The employer reserves the right to increase the requirements for pre-screening purposes.

**The CCNB offers equal employment opportunity to everyone.**

Please send your application indicating the competition number at the following address:

Human Relations and Labour Relations Department — Head Office

Collège communautaire du Nouveau-Brunswick

P.O. Box 700, Bathurst (NB) E2A 3Z6

**Fax: 506-547-2741**

**Email: [CCNB-RH@ccnb.ca](mailto:CCNB-RH@ccnb.ca)**

The CCNB is a college corporation focused on its student population with an open world view. It contributes to the development of individuals and Acadian and Francophone society by offering 90 technical and vocational training programs on its five campuses to meet labour market needs. As an innovative and entrepreneurial college corporation, the CCNB adapts to socioeconomic conditions, supports applied research activities and encourages innovation.