

**REHABILITATION CENTRE FOR CHILDREN
JOB OPPORTUNITY**

Bulletin No: 25-019	Department: Electronics Engineering	Posting Date: March 4 th , 2025
Position: Clinical Technologist	Reports to: Electronics Engineering Manager	Start Date: May 12 th , 2025
Job Type: Unionized	Employee Group: CUPE	EFT: 1.0 EFT Term (12-months)

The Rehabilitation Centre for Children is a community-based health care facility providing services to children with special needs and their families. The Rehabilitation Centre for Children is seeking an Electronics Engineer to support the design and fabrication of assistive technology as part of a multidisciplinary team.

Duties and Responsibilities:

Under the direction of the Manager of Electronics, the electronics engineer will:

- Develop original assistive technology designs including electronic schematics, printed circuit boards, and embedded firmware.
- Adapt and/or modify existing or commercial equipment.
- Install equipment and provide support after fabrication or receipt of equipment.
- Prepare and maintain detailed notes, working drawings, and/or instructions of equipment.
- Maintain inventory of equipment belonging to the electronics department.
- Participate in clinical situations with a multidisciplinary team including parents and equipment providers to assess, design, and recommend assistive technology equipment.
- Follow departmental safety standards.
- Prepare records and reports as requested.
- Serve on ad hoc committees and research teams that assist in the overall operation and development of the department or the Centre as a whole.

Education, Licenses, Registration & Experience:

- Electronic Technology Certificate or Bachelor of Science in Engineering (or equivalent).
- Registration as a Professional Engineer, Engineer-In-Training, or Certified Engineering Technologist.
- Member in good standing of Engineers Geoscientists Manitoba or Certified Technicians & Technologists Association of Manitoba.
- Driver's License.

Experience

Knowledge of/or experience with and able to provide examples of:

- Building working prototypes
- Embedded programming (Arduino, STM, etc.) (2+ years' experience preferred)
- Circuit testing & debugging
- Soldering
- Circuit design and PCB layout using software (EasyEDA, Altium, KiCAD, etc.) (2+ years' experience preferred)
- Power and hand tools (2+ years' experience preferred)
- 3D printing (FDM and/or SLA/MSLA)
- How to read and/or create engineering drawings

The following are considered strong assets for this posting:

- Experience with Fusion 360
- Experience with or knowledge of SMT and reflow soldering
- Experience with navigating electronic suppliers such as Digikey, Mouser, etc.
- Knowledge of basic anatomy
- Experience working with children with cerebral palsy, neurological, and neuromuscular conditions.
- Experience working on research projects

Other

- Physical fitness for lifting, bending and handling equipment.
- Excellent communication skills (written and verbal) and ability to work in a team setting in a collaborative manner.
- High level of creativity and good problem-solving skills with the ability to accept comments and suggestions from other team members.
- Good physical health due to long periods of standing, handling, and lifting.
- Ability to work effectively both independently and within an inter-disciplinary team.

Hours of Work: 8:00 am - 4:15 pm. Hours may vary depending on clinic needs.

Salary: \$37.455 - \$42.958 per hour as per CUPE salary scale.

Conditions of hire:

- Must be legally entitled to work in Canada and able to present a satisfactory Criminal Records Check (Including Vulnerable Sector Search), Child Abuse and Adult Abuse Registry Check.

RCC is strongly committed to equity and diversity and especially welcomes applications from indigenous peoples, persons with disabilities, racialized persons, persons of all sexual orientations and genders and others who may contribute to the further diversification of ideas.

Accommodation is available on request for candidates taking part in all aspects of the selection process. If you require accommodation support during the recruitment process, please contact Jessica Sanchez (Hr@rccinc.ca), all qualified candidates are encouraged to apply.

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

Apply in Writing to:

Jessica Sanchez, HR Specialist
1155 Notre Dame Ave Winnipeg,
MB R3E 3G1
Email: hr@rccinc.ca

Closing Date:

March 31st, 2025