

LRATC PROGRAMS 2024-2025



LOUIS RIEL
LRATC
ARTS & TECHNOLOGY
CENTRE



LAND ACKNOWLEDGEMENT

We acknowledge the land on which we gather is Treaty One Territory and the traditional territory of the Anishinaabe (Ojibwe), Ininewak (Cree), and Dakota peoples, and homeland of the Metis Nation. With this acknowledgement, we demonstrate respect for Indigenous peoples and communities, and we celebrate a renewed relationship with one another moving forward. The ongoing development of LRSD's land acknowledgement is guided by our Indigenous Council of Grandmothers and Grandfathers, and we thank them for their generosity and collaboration.

TABLE OF CONTENTS

Registration Timeline	4
Why LRATC?	5
The LRATC Experience	6
LRATC PROGRAMS	
• Applied Business Management	8
• Automotive Technology	9
• Baking & Pastry Arts	10
• Broadcast Media	11
• Building Trades	12
• Culinary Arts	13
• Early Childhood Educator	14
• Electrical Trades	15
• Esthetics	16
• Hairstyling	17
• Information Systems	18
• New Media Design	19
• Plumbing Trades	20
Academic Program & The Edge Program	21
Who is an LRATC Student?	22
Fees & Tuition	24
The Career Centre at LRATC	25
High School Apprenticeship Program	26
Registration Step by Step	27

WHY

Discover the LRATC Community.
What Makes Us Special.
Explore the student experience
at LRATC and uncover why our
students are so involved in
their learning journey.



PROGRAMS

Delve deeper into our array of
programs, from internships to
certifications, tuition details to
available opportunities. Everything
you need to select the perfect course.





ENROLL

Join us! Discover how to become a part of the LRATC community.



CAREERS

Unlock your potential and enhance your skill set. Learn to craft professional resumes and cover letters, boosting your confidence for your entry into the job market!



LOUIS RIEL



ARTS & TECHNOLOGY
CENTRE



OUR VISION

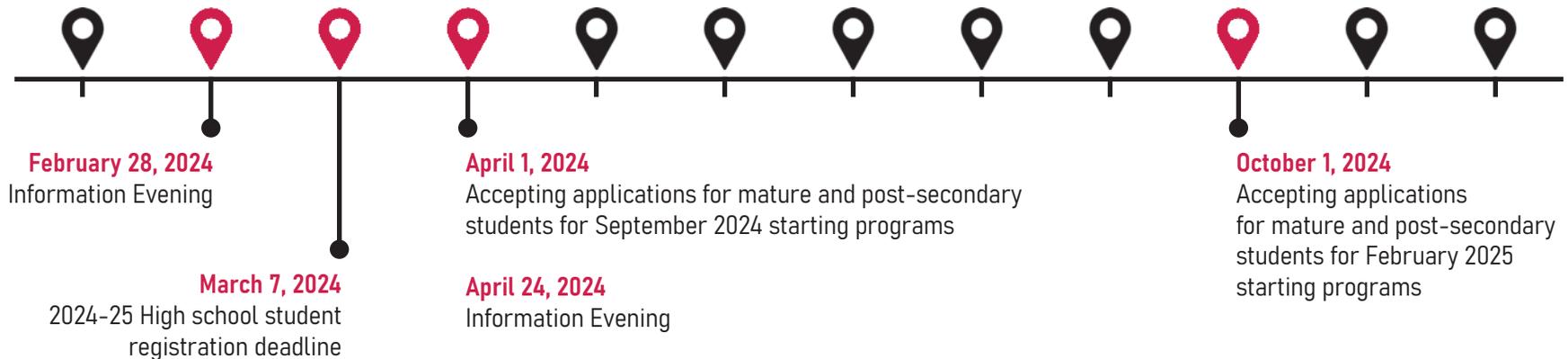
The Louis Riel Arts & Technology Centre (LRATC) is a leader in career and technical education dedicated to excellence, inspiring individual success and community prosperity.



OUR MISSION

LRATC empowers students to fulfill their goals related to skilled careers, post-secondary education and personal success. We place a priority on quality, industry-driven training in a professional culture defined by high expectations and supportive relationships.

REGISTRATION TIMELINE



Chance to
TRY
Something
NEW

ENGAGEMENT

Authentic learning taught
by engaged teachers



BELONGING

Great opportunity
to make new friends

Earning High
School Credits
and Industry
Certifications



SKILLS FOR LIFE

5
REASONS

75% of LRATC students are **ACTIVELY ENGAGED** in their learning. **70%** feel a **SENSE OF BELONGING** to the LRATC community and feel included in school activities.



WHY COME TO LRATC



THE LRATC EXPERIENCE

- ✓ Stay connected to your home high school
 - 1 semester in grade 11 and 1 semester in grade 12 @ LRATC
 - Earn high school diploma and LRATC certificate
 - Participate in sports, band, arts/musicals etc.
- ✓ Inclusive school-wide activities
- ✓ Inclusive opportunities and clubs
- ✓ Full service cafeteria and snack cart provided by the Culinary and Baking and Pastry programs
- ✓ Off-site learning experiences
- ✓ Life skills coaching
- ✓ Career and Post-Secondary Symposium (CAPS)
- ✓ Student support services
- ✓ Micro-credentials
- ✓ Opportunity to participate and/or compete at Skills Manitoba & Skills Canada



LRATC PROGRAMS



APPLIED BUSINESS MANAGEMENT

PROGRAM DESCRIPTION

Designed for students with an interest in business, economics and entrepreneurship. Students will receive theoretical and practical experiences through project-based learning. The program provides a foundation and a head start for students considering further post-secondary education in business at a college or university.

INTERNSHIP

A 4 week internship will take place in both part 1 and part 2 of the program, providing an opportunity to experience 2 different business opportunities.

CERTIFICATION

LRATC will award certificates to students who successfully complete the requirements for this eight-credit program while maintaining an overall average of 60%.

Dual Credit Courses - Upon successful completion of the program, in addition to the eight high school credits, students will earn up to six credit hours at the University of Winnipeg. The dual credit courses are Introduction to Business (BUS-1201(3)) and Introduction to Business 2 (BUS1202(3)).

TUITION & FEES

- **Application Fee:** \$20 (N/A for high school students)
- **Tuition:** NO COST (high school students) | \$5,500 full program | \$2,750 per semester
- **Student Fee:** \$25 per semester
- **Textbook Fee:** \$100 (refundable)
- **Additional Costs:** This program is a BYOD (bring your own device) program. Students are required to have a laptop.



PART 1

- ✓ Introduction to Business I Dual Credit University / High School Course 0.5 4002 (42U)
- ✓ Career Development Internship 0.5 0305 (45G)
- ✓ Venture Development 0327 (30S)
- ✓ Applied Business Technologies 0311 (40S)
- ✓ Accounting Essentials 0309 (30S)

PART 2

- ✓ Introduction to Business II Dual Credit University / High School Course 0.5 4000 (42U)
- ✓ Career Development Internship 0.5 0305 (45G)
- ✓ Economic Principles 0318 (40S)
- ✓ Marketing and Digital Commerce 0323 (40S)
- ✓ Business Management 0316 (40S)

NOTES

- ✓ Part 1, four credits, offered in semester 2.
- ✓ Part 2, four credits, offered in semester 1.
- ✓ Part 1 is not a prerequisite for part 2.
- ✓ September or February intake.

AUTOMOTIVE TECHNOLOGY

PROGRAM DESCRIPTION

Designed for students with an interest in auto mechanics. The program consists of classroom theory, lab practice and shop work to prepare students for employment, apprenticeship or further education in the automotive industry. This program teaches the fundamentals of the current drive train management systems and the automotive electronics course is designed to deliver the latest automotive technology. Students repair actual vehicle faults using advanced diagnostic equipment.

INTERNSHIP

A four-week internship is a component in PART 2 of the program.

CERTIFICATION

LRATC will award certificates to students who successfully complete the requirements for this eight-credit program while maintaining an overall average of 60%.

APPRENTICESHIP OPPORTUNITIES

The Automotive Technology program at LRATC is accredited by Apprenticeship Manitoba under the trade of Automotive Service Technician. To receive credit for Level 1 in-school Technical Training and a time credit of 900 hours, students must:

- **Successfully complete** the Automotive Technology program at LRATC.
- **Maintain a minimum** 70% average in both theory and practical.
- **Gain employment and register** as an apprentice within two years of graduating from the program.

TUITION & FEES

- **Application Fee:** \$20 (N/A for high school students)
- **Tuition:** NO COST (high school students) | \$5,500 full program | \$2,750 per semester
- **Student Fee:** \$25 per semester
- **Textbook Fee:** \$100 (refundable)
- **Additional Costs:** \$85 for First Aid Course and \$100 for coveralls, safety glasses and a work light. Steel toed safety boots are required.



PART 1

- ✓ Intro to Automotive Technology
8696 (20S)
- ✓ Chassis, Fundamentals & Service
8698 (30S)
- ✓ Engine Fundamentals & Service
8697 (30S)
- ✓ Drive Train Fundamentals & Service
8699 (30S)

PART 2

- ✓ Automotive Electrical Systems
8700 (40S)
- ✓ Vehicle Systems, Part 1
8701 (40S)
- ✓ Vehicle Systems, Part 2
8702 (40S)
- ✓ Applied Diagnostic Strategies
8703 (40S)

NOTES

- ✓ Part 1, four credits, offered in semester 2.
- ✓ Part 2, four credits, offered in semester 1.
- ✓ Part 1 is a prerequisite for part 2.
- ✓ Students must have completed the required hours from part 1 to be eligible to proceed to part 2.
- ✓ February intake only.



BAKING & PASTRY ARTS

PROGRAM DESCRIPTION

For students with a strong personal interest in pastry and specialty baking. Comprised of both theory and practical training, the program offers instruction in bakeshop management, specialized tools and equipment, control of the baking process, chemical leavening agents, planning and preparation of numerous types of pastries, breads, specialty desserts and cakes. Students will also study topics such as hygiene, sanitation, as well as, preparation, storage, and handling of supplies and ingredients.

INTERNSHIP

A two week internship in both PART 1 and PART 2 is a component of this program.

CERTIFICATION

LRATC will award certificates to students who successfully complete the requirements for this eight-credit program while maintaining an overall average of 60%.

TUITION & FEES

- **Application Fee:** \$20 (N/A for high school students)
- **Tuition:** NO COST (high school students) | \$5,500 full program | \$2,750 per semester
- **Student Fee:** \$25 per semester
- **Textbook Fee:** \$100 (refundable)
- **Additional Costs:** \$30 for Pastry Kit, and \$115 for uniform.



PART 1

- ✓ Introduction to Baking and Pastry Arts 8324 (20S)
- ✓ Modern & Classic Desserts, and Plating Techniques 8374 (40S)
- ✓ Quick Breads, Cookies, Doughnuts and Pies 8338 (30S)
- ✓ Yeast and Dough Products 8339 (30S)

PART 2

- ✓ Tarts and Special Pastries 8359 (40S)
- ✓ Cakes, Fillings, Icings and Decorations 8358 (30S)
- ✓ Advanced Baking and Pastries 8375 (40S)
- ✓ Advanced Bread Products 8998 (40S)

NOTES

- ✓ Part 1, four credits, offered in semester 1.
- ✓ Part 2, four credits, offered in semester 2.
- ✓ Part 1 is not a prerequisite for part 2.
- ✓ September or February intake.



BROADCAST MEDIA

PROGRAM DESCRIPTION

Broadcast Media consists of the production and transmission of audio or video programming for a variety of media, including radio, television, and the internet. A focus on developing the knowledge, skills and attitudes required to produce and transmit videos, short films, documentaries, newscasts, news stories and commercials.

INTERNSHIP

Students will gain hands-on experience while participating in an internship with the school's online TV station - LRSO TV. Students will be required to participate in various evening and weekend events in the community. This program also provides a three week off-site internship in PART 2.

CERTIFICATION

LRATC will award certificates to students who successfully complete the requirements for this eight-credit program while maintaining an overall average of 60%.

TUITION & FEES

- **Application Fee:** \$20 (N/A for high school students)
- **Tuition:** NO COST (high school students) | \$5,500 full program | \$2,750 per semester
- **Student Fee:** \$25 per semester
- **Textbook Fee:** \$100 (refundable)
- **Additional Costs:** \$50 for purchase of uniform, and \$150 for hard drive and headphones.



PART 1

- ✓ Introduction to Broadcast Media Technology 9116 (20S)
- ✓ Multi-Camera Production for Broadcast Media 9117 (30S)
- ✓ Video Post-Production for Broadcast Media 9118 (30S)
- ✓ Single Camera Production for Broadcast Media 9119 (30S)

PART 2

- ✓ Electronic News Gathering for Broadcast Media 9120 (40S)
- ✓ Advanced Multi-Camera Production for Broadcast Media 9122 (40S)
- ✓ Documentary & Film Production for Broadcast Media 9121 (40S)
- ✓ Applied Broadcast Media Technology 9123 (40S)

NOTES

- ✓ Part 1, four credits, offered in semester 2.
- ✓ Part 2, four credits, offered in semester 1.
- ✓ Part 1 is a prerequisite for part 2.
- ✓ February intake only.





BUILDING TRADES

PROGRAM DESCRIPTION

Do you like working with your hands? A Cooperative Vocational Education (CVE) program, students (minimum 16 years old) spend one day per week in a classroom learning essential construction theory and four days per week receiving hands-on instruction with a contractor. Students may experience building construction trades in carpentry, concrete, flooring, renovating, heating/HVAC, plumbing, painting, cabinet-making and other areas that will prepare them for employment, apprenticeship or further education.

INTERNSHIP

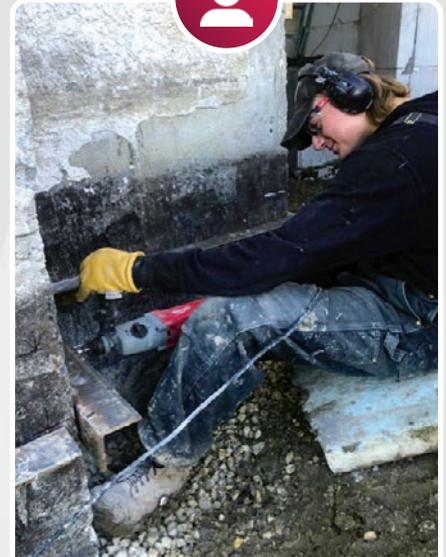
Each semester students will complete 375 hours of on the job training with a contractor. Students will have a wide variety of work options to choose from, dependent upon the availability of construction sites.

CERTIFICATION

LRATC will award certificates to students who successfully complete the requirements for this eight-credit program while maintaining an overall average of 60%. Students must complete 375 hours of work practicum and 125 theory hours in both PART 1 and PART 2 to receive certification credit.

TUITION & FEES

- **Application Fee:** \$20 (N/A for high school students)
- **Tuition:** NO COST (high school students) | \$4,500 full program | \$2,250 per semester
- **Student Fee:** \$25 per semester
- **Textbook Fee:** \$100 (refundable)
- **Workbook Fee:** \$50
- **Additional Costs:** \$85 first aid fee. Students are responsible for transportation and costs associated with travel to work sites. CSA approved work boots with safety toe and shank, hearing protection and CSA-approved safety glasses. Some tools and/or appropriate warm/cold weather clothing are required. Hard hat and high visibility clothing may be required.



PART 1

- ✓ Carpentry Tools and Equipment
9188 (30S)
- ✓ Carpentry Fundamentals
8585 (20S)
- ✓ Surveying and Concrete
9191 (30S)
- ✓ Framing
9189 (30S)

PART 2

- ✓ Interior/Exterior Finishing
9190 (30S)
- ✓ Advanced Framing
9192 (40S)
- ✓ Carpentry Millwork
9193 (40S)
- ✓ Applied Carpentry
9194 (40S)

NOTES

- ✓ Part 1, four credits, offered in semester 2.
- ✓ Part 2, four credits, offered in semester 1.
- ✓ Part 1 is not a prerequisite for part 2.
- ✓ September or February intake.





CULINARY ARTS

PROGRAM DESCRIPTION

This eight-credit program is designed for students with a strong personal interest in Culinary Arts. It includes a blend of practical, theory, entrepreneurship, catering and daily on-the-job training. It develops cooking skills and introduces students to business management techniques. The Culinary Arts program offers instruction in the purchase, preparation, costing and serving of food on a commercial basis. Students will study topics such as hygiene, kitchen operation and management.

INTERNSHIP

A four-week internship is a component in PART 2 of the program.

CERTIFICATION

LRATC will award certificates to students who successfully complete requirements of this eight-credit program while maintaining an overall average of 60%. Students must complete all required hours.

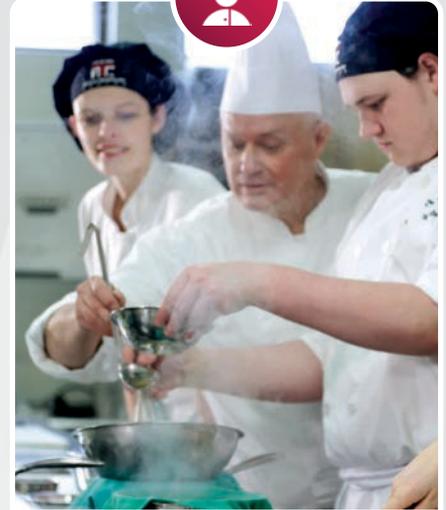
APPRENTICESHIP OPPORTUNITIES

The Culinary Arts program at LRATC is accredited by Apprenticeship Manitoba under the trade of Cook. To receive credit for Level 1 in-school Technical Training and a time credit of 1350 hours student must:

- **Successfully complete** the Culinary Arts program at LRATC.
- **Maintain an accumulative average** of 70% or better in the trade course material.
- **Gain employment and register** as an apprentice within two years of graduating.

TUITION & FEES

- **Application Fee:** \$20 (N/A for high school students)
- **Tuition:** NO COST (high school students) | \$5,500 full program | \$2,750 per semester
- **Student Fee:** \$25 per semester
- **Textbook Fee:** \$100 (refundable)
- **Additional Costs:** \$115 for purchase of uniform.



PART 1

- ✓ Cooking Principles
8791 (20S)
- ✓ Breakfast and Dairy
8796 (40S)
- ✓ Stocks, Soups and Sauces
8795 (40S)
- ✓ Meats, Poultry, Fish and Seafood
8797 (40S)

PART 2

- ✓ Patisserie and Baking
8793 (30S)
- ✓ Culinary Management and Menu Design
8798 (40S)
- ✓ Vegetables and Starches
8794 (30S)
- ✓ Garde-Manger
8792 (30S)

NOTES

- ✓ Part 1, four credits, offered in semesters 1 & 2.
- ✓ Part 2, four credits, offered in semesters 1 & 2.
- ✓ Part 1 is a prerequisite for part 2.
- ✓ Students must complete the required hours from part 1 to proceed to part 2.
- ✓ September or February intake.



EARLY CHILDHOOD EDUCATOR

PROGRAM DESCRIPTION

Designed for students with an interest in early childhood education and to prepare students for employment in child care centres. The program provides a strong foundation and a head start for students considering further post-secondary education leading to the Early Childhood Educator II (ECE II) designation.

INTERNSHIP

On Thursdays and Fridays students will gain hands on experience while participating in a mandatory work internship in an early learning centre (days of the week subject to change). Internship assessment is integrated into each course.

CERTIFICATION

LRATC will award certificates to students who successfully complete the requirements for this ten-credit program while maintaining an overall average of 60%.

TUITION & FEES

- **Application Fee:** \$20 (N/A for high school students)
- **Tuition:** NO COST (high school students) | \$5,250 full program | \$2,625 per semester
- **Student Fee:** \$25 per semester
- **Textbook Fee:** \$100 (refundable)
- **Additional Costs:** Additional costs may be required for Project and Activity materials or supplies. \$85 for First Aid Training and \$50 (approx.) for child abuse registry and criminal records check.



PART 1

- ✓ Intro to Early Childhood Education 9216 (20S)
- ✓ Relationships with Children in ECE 9217 (30S)
- ✓ Early Childhood Environments in ECE 9218 (30S)
- ✓ Child and Practitioners Wellness in ECE 9219 (30S)
- ✓ Applied Practice 1 (Practicum) in ECE 9222 (30S)

PART 2

- ✓ The Developing Child in ECE 9223 (40S)
- ✓ Play in ECE 9224 (40S)
- ✓ Family and Community in ECE 9225 (40S)
- ✓ Professionalism 9226 (40S)
- ✓ Applied Practice II (Practicum) in ECE 9227 (40S)

NOTES

- ✓ Part 1, five credits, offered in semester 2.
- ✓ Part 2, five credits, offered in semester 1.
- ✓ Part 1 is a prerequisite for part 2.
- ✓ February intake only.





ELECTRICAL TRADES

PROGRAM DESCRIPTION

Electrical Trades prepares students for an Apprenticeship by providing a strong foundation in residential and commercial wiring and a variety of electrical installations. Upon completion, students will be prepared to seek employment as a Level 1 Electrical apprentice or continue further post-secondary education in a related field.

PRACTICUM

All practical work is performed in the on-site lab facility. Therefore, students do not participate in an off-site internship.

CERTIFICATION

LRATC will award certificates to students who successfully complete the requirements for this eight-credit program while maintaining an overall average of 70%.

APPRENTICESHIP OPPORTUNITIES

The Electrical Trades program at LRATC is accredited by Apprenticeship Manitoba for the trades of; Construction Electrician, Industrial Electrician, and Power Electrician. To receive credit for Level 1 in-school Technical Training and a time credit of 900 hours students must:

- **Successfully complete** the Electrical Trades program at LRATC (900 hours).
- **Maintain an accumulative average** of 70% or better in the trade subjects.
- **Gain employment and register** as an apprentice within 2 years of graduating.

TUITION & FEES

- **Application Fee:** \$20 (N/A for high school students)
- **Tuition:** NO COST (high school students) | \$5,500 full program | \$2,750 per semester
- **Student Fee:** \$25 per semester
- **Textbook Fee:** \$100 (refundable)
- **Additional Costs:** \$20 for safety glasses and gloves and \$85 for first aid certificate. Steel toed boots are required.



PART 1

- ✓ Introduction to Electrical Trades Technology 9055 (20S)
- ✓ DC Fundamentals 9056 (30S)
- ✓ Residential Wiring 9057 (30S)
- ✓ Advanced Residential Wiring 9059 (40S)

PART 2

- ✓ Electrical Wiring Methods 9058 (30S)
- ✓ AC Fundamentals 9060 (30S)
- ✓ Advanced Electrical Wiring Methods 9061 (40S)
- ✓ Applied Electrical Trades Technology 9062 (40S)

NOTES

- ✓ Part 1, four credits, offered in semester 2.
- ✓ Part 2, four credits, offered in semester 1.
- ✓ Part 1 is a prerequisite for part 2.
- ✓ Students must have completed the required hours from part 1 to be eligible to proceed to part 2.
- ✓ February intake only.

ESTHETICS

PROGRAM DESCRIPTION

Students will experience a high energy, fun, and creative environment.

Learn to add individuality when performing real spa services using leading esthetics equipment. Students will learn about and work with professional nail, skin and body products. Esthetics is based on Apprenticeship Manitoba and Manitoba Education and Training curriculum.

PRACTICUM

Students will have the opportunity to work with clients over the course of their program in the school's salon and will not be required to work off-site.

CERTIFICATION

A LRATC certificate will be issued after successful completion of the full program. Students must maintain a minimum average of 70% and complete all required hours to be eligible to receive a certificate. Esthetics is a designated trade by Apprenticeship Manitoba.

APPRENTICESHIP OPPORTUNITIES

The Esthetics program at LRATC is accredited by Apprenticeship Manitoba under the trade of Esthetician. To become an apprentice in this trade, students must:

- **Successfully complete** the Esthetics program at LRATC (1298 hours).
- **Maintain an accumulative average** of 70% or better in the trade subjects.
- **Obtain a grade** of 70% or higher on each component of the in-school practical exam administered by Apprenticeship Manitoba.
- **Have a completed** Grade 12 high school standing or equivalent.
- **Gain employment** under the supervision of a Journeyperson Esthetician and to register as an apprentice, within two years.

TUITION & FEES

- **Application Fee:** \$20 (N/A for high school students)
- **Tuition:** NO COST (high school students) | \$6,600 full program | Part 1: \$3,000 | Part 2: \$3,600
- **Student Fee:** \$25 per semester
- **Textbook Fee:** \$100 (refundable)
- **Additional Costs:** PART 1 - \$250 (approx.) for a nail kit. PART 2 - \$250 (approx.) for an esthetics kit. Students are required to purchase a scrub uniform and wear black enclosed shoes. Students may wish to purchase additional tools to increase their tool inventory.



PART 1

- ✓ Introduction to Esthetics 9064 (20S)
- ✓ Manicure and Pedicure Treatments 9065 (30S)
- ✓ Artificial Nails 9066 (40S)
- ✓ Applied Nail Technology 9067 (40S)
- ✓ Spa Services 9078 (40S)

PART 2

- ✓ Basic Skin Care and Product Knowledge 9068 (30S)
- ✓ Intermediate Skin Care 9069 (30S)
- ✓ Advanced Skin Care 9074 (30S)
- ✓ Make-up Artistry 9077 (40S)
- ✓ Hair Removal 9076 (40S)
- ✓ Applied Esthetics 9075 (40S)

NOTES

- ✓ Part 1, five credits, offered in semester 2.
- ✓ Part 2, six credits, offered in semester 1.
- ✓ Part 1 is a prerequisite for part 2.
- ✓ Students must have completed the required hours from part 1 to be eligible to proceed to part 2.
- ✓ February intake only.





HAIRSTYLING

PROGRAM DESCRIPTION

The Hairstyling program is a 12-credit, 3 semester Apprenticeship-accredited program which educates and develops skilled hairstylists in a state of the art facility using current techniques, tools and equipment. LRATC provides students with many industry opportunities, including practical experience in the LRATC Salon, industry guest speakers, photo shoots, competitions and more!

INTERNSHIP

Students will have the opportunity to work with clients over the course in the school's salon. Students may complete a one-week, off-site internship.

CERTIFICATION

LRATC will award certificates to students who successfully complete the Hairstyling program. Students must maintain a minimum accumulative average of 70% and complete all required hours to be eligible to receive a certificate. Hairstyling is a designated trade by Apprenticeship Manitoba and is a Red Seal trade.

APPRENTICESHIP AND EMPLOYMENT OPPORTUNITIES

The Hairstyling program at LRATC is accredited by Apprenticeship Manitoba under the trade of Hairstylist. To become an apprentice students must:

- **Successfully complete** the Hairstyling program at LRATC (1400 hours).
- **Maintain an accumulative average** of 70% or higher in the trade subjects.
- **Obtain a grade of 70%** or higher on each component of the practical exam administered by Apprenticeship Manitoba.
- **Have a completed** Grade 12 high school standing or equivalent.
- **Gain employment** under the supervision of a Journeyperson Hairstylist and register as an apprentice.

Near the completion of a two-year apprenticeship, a theory exam will be administered by Apprenticeship Manitoba.

TUITION & FEES

- **Application Fee:** \$20 (N/A for high school students)
- **Tuition:** NO COST (high school students) | \$6,600 full program | \$2,200 per semester (3 sems)
- **Student Fee:** \$25 per semester | **Textbook Fee:** \$100 (refundable)
- **Additional Costs:** \$50 for uniform and \$160 for Hairstyling Kit (includes tools, apron, and t-shirt).



PART 1

- ✓ Introduction to Hairstyling
8312 (20S)
- ✓ Basic Hairstyling
8313 (20S)
- ✓ Basic Hair Cutting and Thermal Styling
8314 (20S)
- ✓ Salon Operations and Client Services
8322 (40S)

PART 2

- ✓ Intermediate Haircutting and Barbering
8316 (30S)
- ✓ Hair Colouring
8317 (30S)
- ✓ Intermediate Hairstyling and Artificial Hair
8318 (30S)
- ✓ Chemical Texture Services
8319 (30S)

PART 3

- ✓ Advanced Hair Colouring
8320 (40S)
- ✓ Advanced Haircutting and Chemical Texture
8321 (40S)
- ✓ Certificate Preparation
8323 (40S)
- ✓ Basic Salon Services
8315 (20S)

NOTES

- ✓ Parts 1, 2 and 3, four credits, offered in semesters 1 & 2.
- ✓ Part 1 is a prerequisite for part 2.
- ✓ Part 2 is a prerequisite for part 3.
- ✓ Students must have completed the required hours from part 1 to proceed to part 2, and the required hours from part 2 to proceed to part 3.
- ✓ September or February intake.



INFORMATION SYSTEMS

PROGRAM DESCRIPTION

Students will learn the fundamental skills required to design, install, configure, manage, secure and troubleshoot computers, networks and their associated devices. This program uses Cisco authorized curriculum and students will be enrolled in the Cisco Networking Academy online. Credits obtained through the Cisco Networking Academy are internationally recognized and are readily transferable.

INTERNSHIP

A four-week internship is a component in PART 2 of the program.

CERTIFICATION

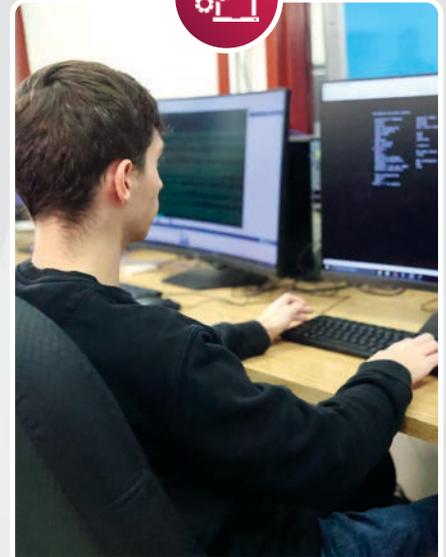
LRATC will award certificates to students who successfully complete the requirements for this eight-credit program while maintaining an overall average of 60%.

OPTIONAL INDUSTRY CERTIFICATION

- **CompTIA A + Computer Repair Technician certification** is available to students upon completion of Part 1 of the program. A+ certification is an international industry credential that validates the knowledge of computer service technicians.
- **CompTIA Net + Network Technician certification** validates the knowledge of networking professionals and is available to students upon completion of Part 2.
- **Cisco Certified Entry Network Technician (CCENT) industry exam** is available to students upon completion of Part 2.

TUITION & FEES

- **Application Fee:** \$20 (N/A for high school students)
- **Tuition:** NO COST (high school students) | \$5,500 full program | \$2,750 per semester
- **Student Fee:** \$25 per semester
- **Textbook Fee:** \$100 (refundable)
- **Additional Costs:** Computer technician tool kit required, available on Amazon for approximately \$35. Students may wish to purchase their own 32 GB USB Flash Drive and ESD Wrist Strap. Costs of optional external Industry Certification exams are: A+ \$571, Net+ \$416, CCENT \$215. Additional costs and prices of Industry Certification exams are approximate and subject to change.



PART 1

- ✓ Hardware and Software Essentials
9103 (20S)
- ✓ Operating Systems
9104 (30S)
- ✓ Networking Technologies
9105 (30S)
- ✓ Advanced Networking Technologies
9108 (40S)

PART 2

- ✓ Advanced Operating Systems
9107 (40S)
- ✓ Cyber Security Essentials
9106 (30S)
- ✓ Server Administration
9109 (40S)
- ✓ Applied Networking and Cyber Security
9111 (40S)

NOTES

- ✓ Part 1, four credits, offered in semester 2.
- ✓ Part 2, four credits, offered in semester 1.
- ✓ Part 1 is a prerequisite for part 2.
- ✓ February intake only.



NEW MEDIA DESIGN

PROGRAM DESCRIPTION

Students will learn to develop and produce interactive digital media projects such as websites, games and apps. Students will gain knowledge and skills in digital design, asset creation, coding, and project management. Using a project-based approach, they will combine technology and artistic skills to create authentic interactive digital media applications.

PRACTICUM

Students will have the opportunity to work with real clients over a period of four months, where they will design and develop a website based on the client's requirements. Students will not be required to work off-site. Occasionally, students may be required to meet clients at their place of business.

CERTIFICATION

LRATC will award certificates to students who successfully complete the requirements for this eight-credit program while maintaining an overall average of 60%.

TUITION & FEES

- **Application Fee:** \$20 (N/A for high school students)
- **Tuition:** NO COST (high school students) | \$5,500 full program | \$2,750 per semester
- **Student Fee:** \$25 per semester
- **Textbook Fee:** \$100 (refundable)
- **Additional Costs:** \$75 for headset with microphone



PART 1

- ✓ Introduction to Interactive Digital Media 9094 (20S)
- ✓ Interactive Digital Media Design 9095 (30S)
- ✓ Futures in Interactive Digital Media 9101 (40S)
- ✓ Interactive Digital Asset Creation 9096 (30S)

PART 2

- ✓ Coding for Interactive Digital Media 9097 (30S)
- ✓ Advanced Coding for Interactive Digital Media 9099 (40S)
- ✓ Project Management for Interactive Digital Media 9100 (40S)
- ✓ Advanced Interactive Digital Asset Creation 9098 (40S)

NOTES

- ✓ Part 1, four credits, offered in semester 2.
- ✓ Part 2, four credits, offered in semester 1.
- ✓ Part 1 is a prerequisite for part 2.
- ✓ February intake only.

PLUMBING TRADES

PROGRAM DESCRIPTION

Designed for students with an interest in the piping and plumbing industry. This program prepares students for employment, apprenticeship, or for further education in the plumbing industry. Theory and demonstrations will focus on all aspects of residential piping and plumbing including sanitary drainage and water supply systems.

INTERNSHIP

A four-week work internship is a component in the second part of the program.

CERTIFICATION

LRATC will award certificates to students who successfully complete the requirements for this eight-credit program while maintaining an overall average of 60%.

APPRENTICESHIP & EMPLOYMENT OPPORTUNITIES

The Plumbing Trades program at LRATC is an accredited program by Apprenticeship Manitoba under the trade of Plumber. To receive credit for Level 1 in-school Technical Training and a time credit of 900 hours students must:

- **Successfully complete** the Plumbing Trades program at LRATC.
- **Maintain an accumulative average** of 70% or better in trade subjects.
- **Gain employment and register** as an apprentice within two years of graduating.

TUITION & FEES

- **Application Fee:** \$20 (N/A for high school students)
- **Tuition:** NO COST (high school students) | \$5,500 full program | \$2,750 per semester
- **Student Fee:** \$25 per semester
- **Textbook Fee:** \$100 (refundable)
- **Additional Costs:** \$85 for First Aid course, \$10 for safety glasses and geometry set. Steel toed boots required.



PART 1

- ✓ Introduction to Plumbing Pipe Trades 8876 (20S)
- ✓ Introduction to Piping Systems and Theories 8877 (30S)
- ✓ Installation of Plumbing and Piping Systems I 8878 (30S)
- ✓ Installation of Plumbing and Piping Systems II 8879 (30S)

PART 2

- ✓ Sanitary Venting Systems 8981 (40S)
- ✓ Sanitary Drainage Systems 8982 (40S)
- ✓ Installation of Plumbing and Piping Systems III 8984 (40S)
- ✓ Applied Plumbing and Piping Systems 8985 (40S)

NOTES

- ✓ Part 1, four credits, offered in semester 2.
- ✓ Part 2, four credits, offered in semester 1.
- ✓ Part 1 is a prerequisite for part 2.
- ✓ Students must have completed the required hours from part 1 to be eligible to proceed to part 2.
- ✓ February intake only.



ACADEMIC CREDIT OPTIONS

The Academic Program offers Grade 11 and 12 high school credits for secondary students enrolled in a Technology Education program at LRATC. The program features self-directed, blended online delivery to allow students to complete course modules within a supportive classroom environment. Academic credits are scheduled into class periods where a certified teacher is available to offer one-on-one assistance. Academic classes need to be arranged with home school or LRATC student services teachers.

COURSES

- APPLIED MATHEMATICS > 30S/40S
- BIOLOGY > 30S/40S (Available Semester 1)
- ENGLISH COMPREHENSIVE FOCUS > 30S/40S
- ENGLISH TRANSACTIONAL FOCUS > 40S
- ESSENTIAL MATHEMATICS > 30S/40S
- HISTORY > 30F
- PHYSICAL EDUCATION > 30F/40F

(English and French / Online, available to LRSD high school students only)



THE SIX PILLARS OF THE EDGE PROGRAM

At LRATC, we believe in developing comprehensive work readiness skills for all students. In addition to teaching the theory concepts and practical skills, all programs will teach and assess work readiness skills based on our six pillars. We believe that students who attend LRATC have gained an Edge towards employment. To learn more about these teachings, visit our website.



WHO IS AN LRATC STUDENT?

LRATC students come from many different schools, with a variety of skills and interests and a wide range of ages.

Our priority is to provide education for high school students; however, many programs do have mature students, post-secondary and international students in attendance as space allows.

All high school applications must be submitted through the home high school for LRSD and partnership students. School of Choice applicants should make an appointment with the LRATC office.

Has completed grade 10 before attending LRATC.

Has an interest in taking their elective credits in the focus of one of our 13 trades and technology programs.



An LRATC student

Remains connected to their home high school and is encouraged to continue participation in sports, leadership and other school events.

Is a current LRSD or partnership division (DSFM, SRSD, Sunrise and Springs Christian Academy) student. Students from any other school division may also attend through a school of choice application.

ENROLL



MATURE STUDENT

- Students may obtain their mature high school diploma by taking one of our 13 trades and technology programs along with grade 12 English and grade 12 Math.
- Mature students must be 19 years of age or older and have been out of school for at least 6 months and have never obtained a high school diploma in order to be eligible for this program.
- Students apply by making an appointment through the LRATC office.



POST-SECONDARY STUDENT

- Students who have graduated from high school or other post-secondary institutions may apply to one of our 13 programs.
- Students apply by making an appointment through the LRATC office.
- Tuition fees will apply



INTERNATIONAL STUDENT

- All international students who wish to apply to LRATC are asked to contact the Louis Riel School Division's International Student Program. Please visit <https://isp.lrsd.net> or scan the QR code below for more information.



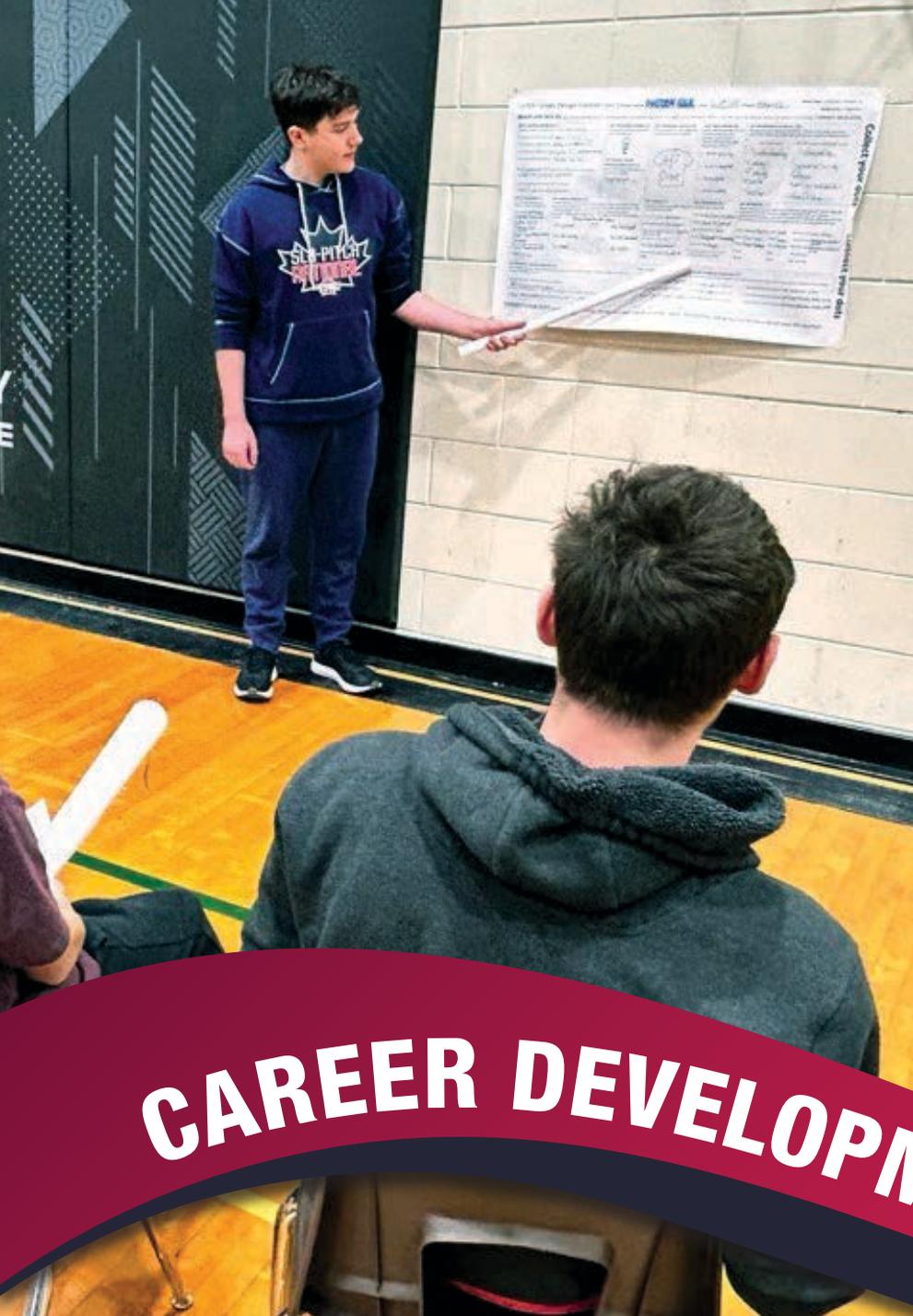
FEES & TUITION



FEE TYPE	AMOUNT	STUDENT		
		HIGH SCHOOL	MATURE	POST-SECONDARY
APPLICATION FEE	\$20	x	✓	✓
STUDENT FEE	\$25	✓	✓	✓
Graduation Fee	\$40	x	✓	✓
TEXTBOOK/MATERIALS DEPOSIT (refundable)	\$100	✓ Partnership and School of Choice	✓	✓
COMMITMENT FEE (non-refundable)	\$400	x	✓	✓
TUITION FEES	Varies - see tuition chart	x	x	✓
ADDITIONAL PROGRAM FEES	Varies by program	✓	✓	✓

PROGRAM	TUITION PER YEAR	TUITION PER SEMESTER
APPLIED BUSINESS MANAGEMENT	\$5,500	\$2,750
AUTOMOTIVE TECHNOLOGY	\$5,500	\$2,750
BAKING & PASTRY ARTS	\$5,500	\$2,750
BROADCAST MEDIA	\$5,500	\$2,750
BUILDING TRADES	\$4,500	\$2,250
CULINARY ARTS	\$5,500	\$2,750
EARLY CHILDHOOD EDUCATOR	\$5,250	\$2,625
ELECTRICAL TRADES	\$5,500	\$2,750
ESTHETICS	\$6,600	PART 1: \$3,000 / PART 2: \$3,600
HAIRSTYLING	\$6,600	\$2,200
INFORMATION SYSTEMS	\$5,500	\$2,750
NEW MEDIA DESIGN	\$5,500	\$2,750
PLUMBING TRADES	\$5,500	\$2,750

Tuition fees are currently under review and are subject to change. Tuition will be assessed at the time of registration.



THE CAREER CENTRE AT LRATC

LRATC's Career Centre is a unique divisional space that augments each of the 13 programs at LRATC by helping students engage in a deeper exploration of their potential and important personal questions: who am I, what are my values, which skills do I possess, which skills do I hope to achieve, what do I offer to a professional community?

While students at LRATC learn industry-driven applied, technical; and apprenticeship skills, the Career Centre offers opportunities for students to weave the **Government of Canada's Skills for Success** into their programs, along with insights and practices designed to develop powerful personal brands demonstrate focus, confidence, and job-seeking strategies.

THE CAREER CENTRE TEAM EMPOWERS STUDENTS TO:

- Facilitate Apprenticeship Manitoba discussions and paperwork.
- Write professional résumés, cover letters, and references applicable to their programs.
- Engage employment-seeking processes including industry research, job searches, and **myBlueprint.ca** (online career management program) portfolio work.
- Practice protocols related to seeking internship experiences, attending professional events, engaging with professional outside LRATC.
- Join the Connect Your Dots program for exploration and reflection about best ways to share their potential with others.
- Leave ATC with confidence to execute a thoughtful plan to seek employment and/or further education.

CAREER DEVELOPMENT



HIGH SCHOOL APPRENTICESHIP PROGRAM

DESCRIPTION

The LRSD High School Apprenticeship Program (HSAP) enables students to earn up to eight Grade 12 credits and up to 880 hours of on-the-job training towards continued apprenticeship training after graduation. It is available to all high school students, with age limitations in some trades.

Depending on school timetable, students may be able to do paid work during the day, evening, or weekend and still earn HSAP high school credits toward graduation. Summer work may also qualify. Students must work a minimum of 110 hours towards apprenticeship in any of more than 50 designated trades to receive one credit. Students must maintain a grade of 70% or higher on their workplace evaluations.

Combining LRATC and HSAP allows students registered at LRATC to enroll in HSAP for their paid trade-related evening, weekend, and summer work. Students can combine the hours earned through both programs for a significant start on apprenticeship, all the while earning high school credits from both LRATC and HSAP.

PREREQUISITES & BENEFICIAL SKILLS

Students must be at least 16 years of age and completing core subjects in Grades 10–12.

ADVANTAGES

- Explore careers in trades in a real setting
- Make your part-time job count
- Begin apprenticeship while in school
- Earn up to eight Grade 12 credits towards graduation
- Get paid to learn



WHAT ABOUT INSURANCE?

While working on the job, students are employees of the employer and the employer is required to provide insurance coverage. If the trade is deemed compulsory by Workers Compensation, students must receive Workers Compensation coverage from Workers Compensation Board of Manitoba. Where the employer is within a non-compulsory trade, then it is the employer's responsibility to provide insurance comparable to provincial Workers Compensation coverage. Students who are working for a parent or guardian may apply for an insurance waiver. If an accident occurs, the employer should inform the Louis Riel School Division HSAP teacher and follow standard accident procedures.



REGISTRATION STEP BY STEP



LRSD/ PARTNERSHIP HIGH SCHOOL STUDENT

- Watch LRATC presentation
- Attend Open House to check out programs
- See home school Student Services for application
- Submit application to home school Student Services
- Attend orientation once accepted



SCHOOL OF CHOICE HIGH SCHOOL STUDENT

- Attend Open House to check out programs
- Contact LRATC Student Services for application and info
- Connect with home school services to ensure time table will work
- Submit application and school of choice form to LRATC
- Attend orientation once accepted



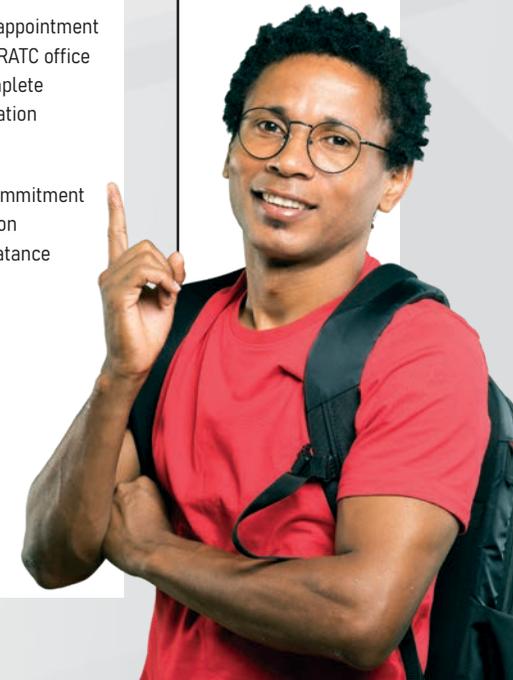
MATURE & POST- SECONDARY STUDENT

- Attend Open House to check out programs
- Make appointment with LRATC office to complete application
- Pay commitment fee upon acceptance



INTERNATIONAL STUDENT

- Contact LRSD International Student Program. See details on page 23.



LOUIS RIEL



ARTS & TECHNOLOGY
CENTRE



CONTACT

 www.lratc.ca  [atcLRSD](https://www.facebook.com/atcLRSD)  [@ArtsTechCentre](https://www.instagram.com/ArtsTechCentre)  [@ArtsTechCentre](https://twitter.com/ArtsTechCentre)

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