

LRATC PROGRAMS 2026-2027



LOUIS RIEL  
**LRATC**  
ARTS & TECHNOLOGY  
CENTRE



# LAND ACKNOWLEDGEMENT

We acknowledge the land on which we gather is Treaty One territory and the traditional lands of the Anishinaabeg, Ininewak, Dakota, Anishiniwak and Dene people. Our school is located on the National Homeland of the Red River Metis. We respect the treaties made on this land and acknowledge the harms and mistakes of the past and present. We dedicate ourselves to authentic alliances with Indigenous communities in a spirit of reconciliation and cooperation. We recognize and honour Shoal Lake 40 First Nation, the source of our drinking water, as well as the treaty territories that generate and provide the electricity that powers our daily activities. The ongoing development of LRSD's land acknowledgment is guided by our Indigenous Council of Grandmothers and Grandfathers, and we thank them for their generosity and collaboration.

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# 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  
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## 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



**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.



SKILLS FOR LIFE

**5**  
REASONS

**WHY COME TO LRATC**





6

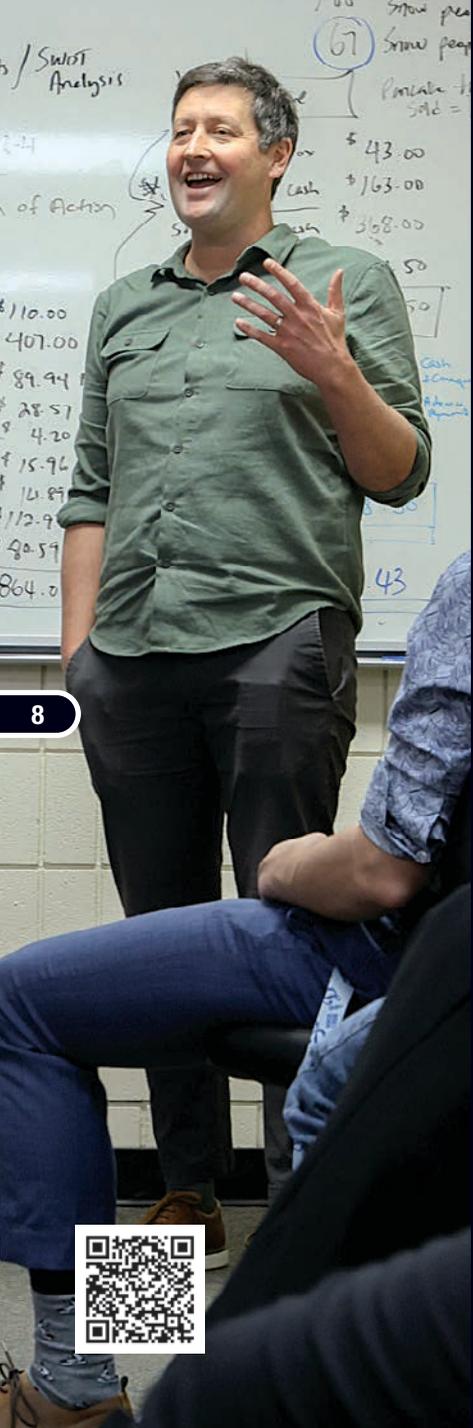


# THE LRATC EXPERIENCE

- ✓ 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, entrepreneurship and career exploration.

## INTERNSHIP

An internship is included in each semester of the program, giving students the opportunity to gain experience in two different business environments. Internships start mid-semester, two days per week and will culminate in a 3-week full time block.

## CERTIFICATION

LRATC will award certificates to students who successfully complete the requirements for this eight-credit program.

**Dual Credit Courses** - These optional courses are offered through an agreement with the University of Winnipeg. Applied Business Management students can earn up to 6 credit hours while studying at LRATC. Introduction to Business I (BUS-1201(3)) and Introduction to Business II (BUS1202(3)) are taught at LRATC, and are available for students who meet the University of Winnipeg's accelerated program pre-requisites.

## TUITION & FEES

- **Application Fee:** \$20 (N/A for high school students)
- **Tuition:** NO COST (high school students) | \$5,750 full program | \$2,875 per semester
- **Student Fee:** \$25 per semester
- **Additional Costs:** \$95 First Aid | This program is a BYOD (bring your own device) program. Students are required to have a laptop.



### PART 1

- ✓ Career Development Internship 0305 (30G)
- ✓ Life/Work Building 0099 (30S)
- ✓ Accounting Essentials 0309 (30S)
- ✓ Business Elective (30 or 40S options available)
- ✓ OPTIONAL: Introduction to Business I Dual Credit University/High School Course 0.5 4002 (42U)

### PART 2

- ✓ Career Development Internship 0305 (40G)
- ✓ Life/Work Transitioning 0100 (40S)
- ✓ Topics & Trends in Business 0326 (40S)
- ✓ Business Elective (30 or 40S options available)
- ✓ OPTIONAL: Introduction to Business II Dual Credit University/High School Course 0.5 4000 (42U)

### 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.

## 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) | \$5,750 full program | \$2,875 per semester
- **Student Fee:** \$25 per semester
- **Additional Costs:** \$95 First Aid | \$110 coveralls and safety glasses  
Steel toed safety boots are required.



### PART 1

- ✓ Automotive Systems & Service 8986 (20S)
- ✓ Chassis, Fundamentals & Service 8698 (30S)
- ✓ Engine Fundamentals & Service 8697 (30S)
- ✓ Drive Train Fundamentals & Service 8699 (30S)

### PART 2

- ✓ Electrical Fundamentals & Service 8700 (40S)
- ✓ Advanced Mechanical Systems 8701 (40S)
- ✓ Advanced Electrical Systems 8702 (40S)
- ✓ Applied Automotive Technologies 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.
- ✓ Student must have completed the required outcomes from part 1 to be eligible for 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.

## TUITION & FEES

- **Application Fee:** \$20 (N/A for high school students)
- **Tuition:** NO COST (high school students) | \$5,750 full program | \$2,875 per semester
- **Student Fee:** \$25 per semester
- **Additional Costs:** \$65 pastry kit | \$115 uniform



### PART 1

- ✓ Introduction to Baking and Pastry Arts 8324 (20S)
- ✓ Modern & Classical 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 8998 (40S)
- ✓ Advanced Bread Products 8375 (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 - LRSD 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.

## TUITION & FEES

- **Application Fee:** \$20 (N/A for high school students)
- **Tuition:** NO COST (high school students) | \$5,750 full program | \$2,875 per semester
- **Student Fee:** \$25 per semester
- **Additional Costs:** \$250 uniform, 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.

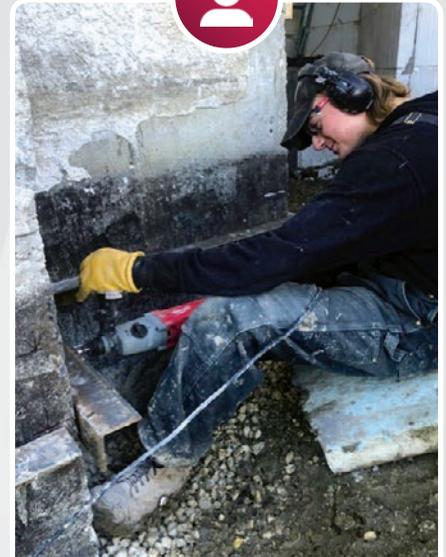
## CERTIFICATION

LRATC will award certificates to students who successfully complete the requirements for this eight-credit program. 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) | \$4,600 full program | \$2,300 per semester
- **Student Fee:** \$25 per semester
- **Workbook Fee:** \$50
- **Additional Costs:** \$95 First Aid

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 menu design and food costing techniques. The Culinary Arts program offers instruction in the purchase, preparation, costing and serving of food. Students will study topics such as food safety, knife skills, kitchen organization, production and time 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 the requirements for this eight-credit program.

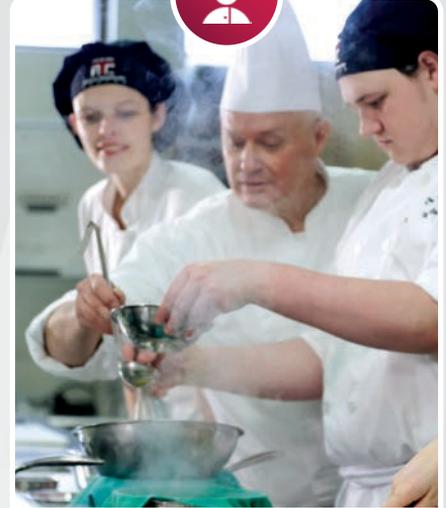
## APPRENTICESHIP OPPORTUNITIES

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 900 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) | \$5,750 full program | \$2,875 per semester
- **Student Fee:** \$25 per semester
- **Additional Costs:** \$115 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 semester 2.
- ✓ Part 2, four credits, offered in semester 1.
- ✓ Part 1 is a prerequisite for part 2.
- ✓ Students must have completed the required outcomes from part 1 to be eligible for part 2.
- ✓ February intake only.





# 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).

## CERTIFICATION

LRATC will award certificates to students who successfully complete the requirements for this ten-credit program.

## 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
- **Additional Costs:** \$95 First Aid | \$80 approx. for child abuse registry and criminal records check. Additional costs may be required for Project and Activity materials or supplies.



### 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.

## 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) | \$5,750 full program | \$2,875 per semester
- **Student Fee:** \$25 per semester
- **Additional Costs:** \$20 safety glasses and gloves | \$95 First Aid  
Steel toed boots are required for part 2 of the program.



### PART 1

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

### PART 2

- ✓ Electrical Wiring Methods 9058 (30S)
- ✓ Electrical Trades 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.
- ✓ Student must have completed the required outcomes from part 1 to be eligible for 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

LRATC will award certificates to students who successfully complete the requirements for this eleven-credit program. Esthetics is a designated trade under Apprenticeship Manitoba, therefore in order to work in the industry students must meet Apprenticeship standards (see below).

## 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 (1210 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) | \$7,000 full program | Part 1: \$3,182 | Part 2: \$3,818
- **Student Fee:** \$25 per semester
- **Additional Costs:** PART 1 - \$250 approx. nail kit | PART 2 - \$250 approx. 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 Skin Care  
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.
- ✓ Student must have completed the required outcomes from part 1 to be eligible for 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 requirements for this twelve-credit program. Hairstyling is a designated trade under Apprenticeship Manitoba, therefore in order to work in the industry students must meet Apprenticeship standards (see below).

## 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) | \$7,000 full program | \$2,333.33 per semester (3 sems)
- **Student Fee:** \$25 per semester
- **Additional Costs:** \$250 uniform and hairstyling tool kit



### 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.
- ✓ Student must have completed the required outcomes from part 1 to be eligible for part 2, and the required outcomes 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 five-week internship is a component in PART 2 of the program.

## CERTIFICATION

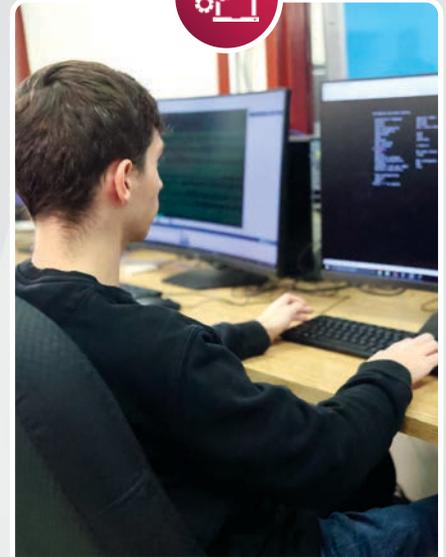
LRATC will award certificates to students who successfully complete the requirements for this eight-credit program.

## 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) | \$5,750 full program | \$2,875 per semester
- **Student Fee:** \$25 per semester
- **Additional Costs:** Computer technician tool kit required, available on Amazon for approximately \$35. Students may wish to purchase their own 256 GB USB Flash Drive and ESD Wrist Strap. Costs of optional external Industry Certification exams are: A+ \$875, Net+ \$546, 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)
- ✓ Applied Networking and Cyber Security  
9111 (40S)
- ✓ Server Administration  
9109 (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

Create interactive digital projects like websites, games, and apps in a hands-on, creative environment. In this program, you'll learn design, coding, asset creation, and project management using tools like Photoshop, Illustrator, Dreamweaver, and Unity. Work on real client projects, build your portfolio, and prepare for careers in web development, game design, digital media production, or further studies in computer science, data science, information technology, or graphic design. Explore student work at [nmd.louisrielatc.ca](http://nmd.louisrielatc.ca).

## PRACTICUM

In the Project Management for Interactive Digital Media course, students work in teams to design and develop a website for a real business client over a four-month period. This practicum gives students the opportunity to apply their technical and professional skills in a real-world setting. While most work is completed on-site at ATC, students may occasionally meet with clients at their place of business to gather requirements or present their work.

## CERTIFICATION

LRATC will award certificates to students who successfully complete the requirements for this eight-credit program.

## ARTICULATION

RRC Polytech will recognize LRATC's New Media Design program as the equivalent of their Digital Media Design year 1 program, when the student is pursuing the Interaction Design and Development diploma program stream. To be eligible for this a student must have successfully completed all 8 credits in the New Media Design program and be applying to RRC Polytech within 5 years of program completion.

## TUITION & FEES

- **Application Fee:** \$20 (N/A for high school students)
- **Tuition:** NO COST (high school students) | \$5,750 full program | \$2,875 per semester
- **Student Fee:** \$25 per semester
- **Additional Costs:** \$75 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 five-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.

## 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) | \$5,750 full program | \$2,875 per semester
- **Student Fee:** \$25 per semester
- **Additional Costs:** \$95 First Aid | \$15 Supplies  
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.
- ✓ Student must have completed the required outcomes from part 1 to be eligible for 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
- ENGLISH PE > 30F/40F
- FRANÇAIS PE > 30F/40F – semester 1 only

*(English and Français PE available to LRSD high school students only)*



# GETTING YOU READY

“Learning that works – that’s what LRATC delivers. We prepare students for the workplace using Manitoba’s Global Competencies. All programs teach theory, hands-on skills, and workplace skills based on the six global competencies. These skills help students develop as whole people – learning, working with others, and growing throughout their lives.”

For more information on the Manitoba Education and Early Childhood Learning’s Framework For Learning, visit [www.edu.gov.mb.ca/k12/framework/elements/global/index.html](http://www.edu.gov.mb.ca/k12/framework/elements/global/index.html)



# 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 [www.lrsd.net/isp](http://www.lrsd.net/isp) 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	✓	✓
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	\$5,750	\$2,875
AUTOMOTIVE TECHNOLOGY	\$5,750	\$2,875
BAKING & PASTRY ARTS	\$5,750	\$2,875
BROADCAST MEDIA	\$5,750	\$2,875
BUILDING TRADES	\$4,600	\$2,300
CULINARY ARTS	\$5,750	\$2,875
EARLY CHILDHOOD EDUCATOR	\$5,250	\$2,625
ELECTRICAL TRADES	\$5,750	\$2,875
ESTHETICS	\$7,000	PART 1: \$3,182 / PART 2: \$3,818
HAIRSTYLING	\$7,000	\$2,333.33 (3 SEMESTERS)
INFORMATION SYSTEMS	\$5,750	\$2,875
NEW MEDIA DESIGN	\$5,750	\$2,875
PLUMBING TRADES	\$5,750	\$2,875

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

# LEARNING THAT WORKS AT THE LRATC CAREER CENTRE



The LRATC Career Centre offers industry-driven career development services to all students enrolled in the school's 13 applied, technical, and apprenticeship programs. The Career Centre weaves the **Manitoba Education and Early Childhood Learning's Global Competencies** into all programming and learning experiences.

## THE LRATC CAREER CENTRE TEAM EMPOWERS STUDENTS TO:

- Connect with professional communities to build support networks beyond school walls;
- Facilitate Apprenticeship Manitoba discussions and paperwork;
- Write professional résumés applicable to their program and career aspirations;
- Manage personal career pathing with relevant industry research, job searches, and [www.myblueprint.ca](http://www.myblueprint.ca) (LRSD's online career management program);
- Engage employment-seeking protocols to earn internship experiences, apprenticeships, and paid employment;
- Join the **Connect Your Dots Program** for deeper explorations and questions about career paths that connect to personal skills, values, and hopes for the future;
- Complete an optional high school credit: Grade 12 Career Development: Transitioning to the Workplace, University, and College;
- Leave LRATC with confidence to execute a thoughtful plan to seek further employment or education.

## CAREER DEVELOPMENT



The LRATC Career Centre provides a friendly, collaborative, and enriching space for students to explore the challenging and exciting transition to post-high school life.



# HIGH SCHOOL APPRENTICESHIP PROGRAM

## DESCRIPTION

The LRSD High School Apprenticeship Program (HSAP) allows 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 40S level 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

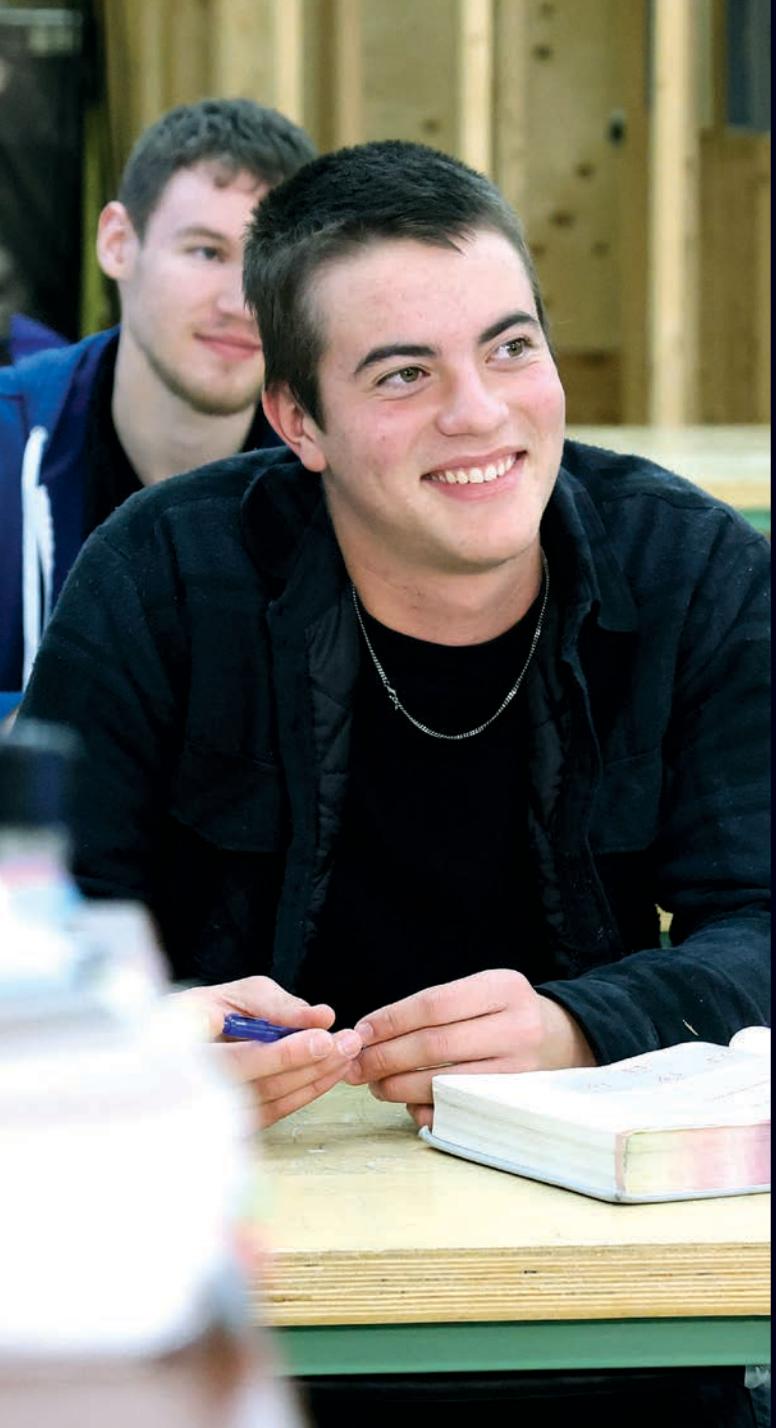
- Explore careers in trades in a real setting
- Make your part-time job count
- Begin apprenticeship while in school
- Earn up to eight Grade 12 credits towards graduation
- Get paid to learn



## 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 student services to ensure timetable 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](http://www.lratc.ca)  [@ArtsTechCentre](https://www.instagram.com/ArtsTechCentre)  (204) 237-8951

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