

LRACTC PROGRAMS 2023-2024

THE
EDGE
PROFESSIONAL SKILLS

LOUIS RIEL



ARTS & TECHNOLOGY
C E N T R E

OUR PROGRAMS

- ✓ Applied Business Management
- ✓ Automotive Technology
- ✓ Baking & Pastry Arts
- ✓ Broadcast Media
- ✓ Building Trades
- ✓ Culinary Arts
- ✓ Early Childhood Educator
- ✓ Electrical Trades
- ✓ Esthetics
- ✓ Hairstyling
- ✓ Information Systems
- ✓ New Media Design
- ✓ Plumbing Trades



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.



TABLE OF CONTENTS

ACADEMIC CALENDAR	3
ENTRANCE REQUIREMENTS	4
MATURE STUDENTS	7
INTERNATIONAL STUDENTS	8
FEES & TUITION	9
PROGRAMS	10
APPLIED BUSINESS MANAGEMENT	12

AUTOMOTIVE TECHNOLOGY	13
BAKING & PASTRY ARTS	14
BROADCAST MEDIA	15
BUILDING TRADES	16
CULINARY ARTS	17
EARLY CHILDHOOD EDUCATOR	18
ELECTRICAL TRADES	19

ESTHETICS	20
HAIRSTYLING	21
INFORMATION SYSTEMS	22
NEW MEDIA DESIGN	23
PLUMBING TRADES	24
HIGH SCHOOL APPRENTICESHIP PROGRAM	25
THE EDGE AT LRATC	26

ACADEMIC CALENDAR

FEBRUARY 28, 2023

2023-24 > Registration for high school students begins.

MARCH 10, 2023

2023-24 > Registration deadline for Grade 11 and Grade 12 students.

APRIL 3, 2023

2023-24 > Accepting Applications for Mature and Post-Secondary students for September starts.



3



**SCAN THE QR CODES
TO KNOW MORE
ABOUT US AND THE
PERFECT COURSE
FOR YOU!**



SEMESTER 1

SEPT 4 Labour Day
SEPT 5 Administration Day (*no classes*)
SEPT 6 First Day of Classes
SEPT 20 Information Evening / Meet the Teacher
OCT 20 Last Day for Partial Refunds
DEC 23 - JAN 7 Winter Break
JAN 8 Classes Resume

SEMESTER 2

FEB 5 First Day of Semester Two
FEB 21 Information Evening
MAR 15 Last Day for Partial Refunds
MAR 25 - MAR 29 Spring Break
APR 1 Classes Resume
APR 24 Info Evening / Parent Conferences
JUNE 28 Last Day of Classes

ENTRANCE REQUIREMENTS & ENROLMENT CLASSIFICATIONS

Students may register in any LRATC program knowing that they will receive the best possible technical and career education. Most importantly, technology programs have an excellent track record for future employment.



LOUIS RIEL SCHOOL DIVISION HIGH SCHOOL STUDENTS

Secondary students must have a complete Grade 10 in order to enroll at LRATC. Students apply through their respective high schools, which enables them to remain and participate in school events and extra-curricular activities such as sports, music, and student government. Students usually enroll for one semester at LRATC in a Technology Education program of their choice and for one semester at their home school. Several academic classes at the Grade 11 and 12 level are also offered at LRATC to help overcome home school timetable conflicts due to enrolment at LRATC. Academic classes need to be arranged with home school counsellors.

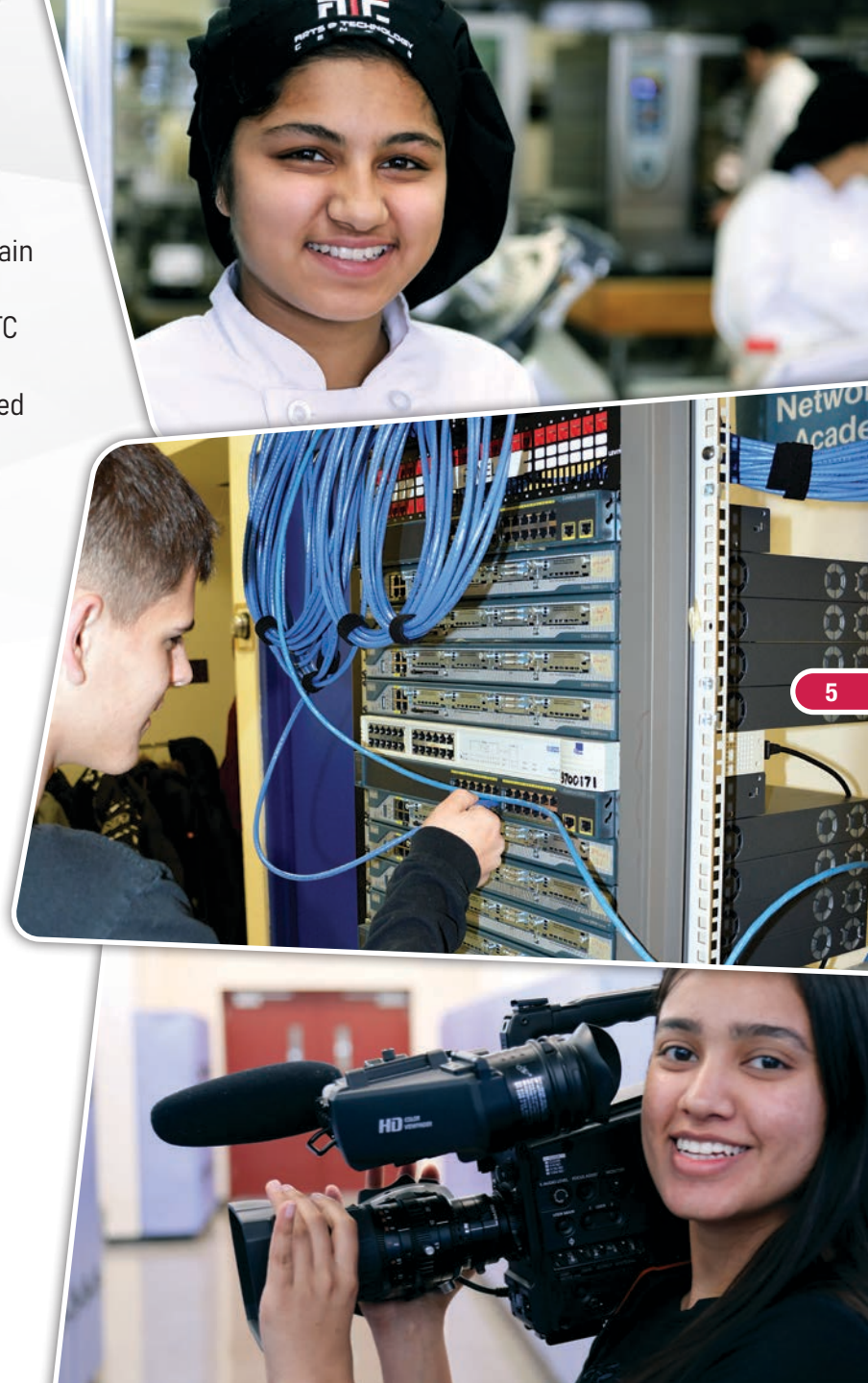
PARTNER SCHOOL DIVISION HIGH SCHOOL STUDENTS

Students in Division Scolaire Franco-Manitobaine (DSFM), Sunrise and Seine River School Divisions, as well as Springs Christian Academy, can apply through their home high school.

ALL OTHER HIGH SCHOOL STUDENTS SCHOOLS OF CHOICE APPLICANTS

Students residing outside the Louis Riel School Division may apply to LRATC under the Manitoba Education “School of Choice” program. A “School of Choice” student is defined as an individual who is 19 or under as of September 30th in the calendar year and who has not obtained a High School Diploma. Students must apply through the LRATC office and provide the following:

- Schools of Choice application form
- LRATC application form
- Original transcript of marks
- Permission for Release of Information





MATURE & INTERNATIONAL STUDENTS



MATURE STUDENT APPLICATIONS

Adult students residing in Manitoba wishing to obtain their Mature Student High School Diploma must apply through the LRATC office. Mature Student status is available to adults 19 years of age or over at the time of enrolment in a program directed at completing their Mature Student graduation requirements or one who will reach the age of 19 before completion of the course(s). Students must have been out of school for six months or more, and out of school long enough for the class, of which they were last a member, to have graduated from high school. A student cannot have previously obtained a high school diploma. To graduate from this program you must have:

- Grade 12 English Language Arts
- Grade 12 Mathematics
- 2 additional Grade 12 credits
- 4 additional Grade 9 to Grade 12 credits
- Provided proof of residency

Students must meet the entrance requirements of individual programs. Students apply through the LRATC office and provide the following:

- LRATC application form
- Original transcript of marks
- \$20 non-refundable application fee
- Permission for Release of Information

PLEASE NOTE

Applicants may apply previous credits earned provided they were obtained within the last ten years.



INTERNATIONAL STUDENT APPLICATIONS

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



FEES & TUITION

Students (except high school students) must submit a non-refundable \$20 application fee and a transcript of high school marks or equivalent standing along with their application. Students (except high school students) must apply through our Student Services department by appointment. Upon acceptance into a program, all students will receive a confirmation letter. A \$400 non-refundable commitment fee must be submitted to our office by all mature and post-secondary students.

FEES

\$ 20 > Application fee (except high school students).

\$ 25 > Student fee per semester.

\$ 40 > Graduation fee (except high school students).

\$100 > Refundable textbook deposit.

\$400 > Non-refundable commitment fee
(for all mature and post-secondary students).

PLEASE NOTE

- Additional fees for equipment, uniforms, etc., as required.
- Steel toed boots are required for Plumbing Trades, Automotive Technology, Building Trades and Electrical Trades.
- Fees for duplicate transcripts, certificates or income tax receipts may apply.

PROGRAM TUITION

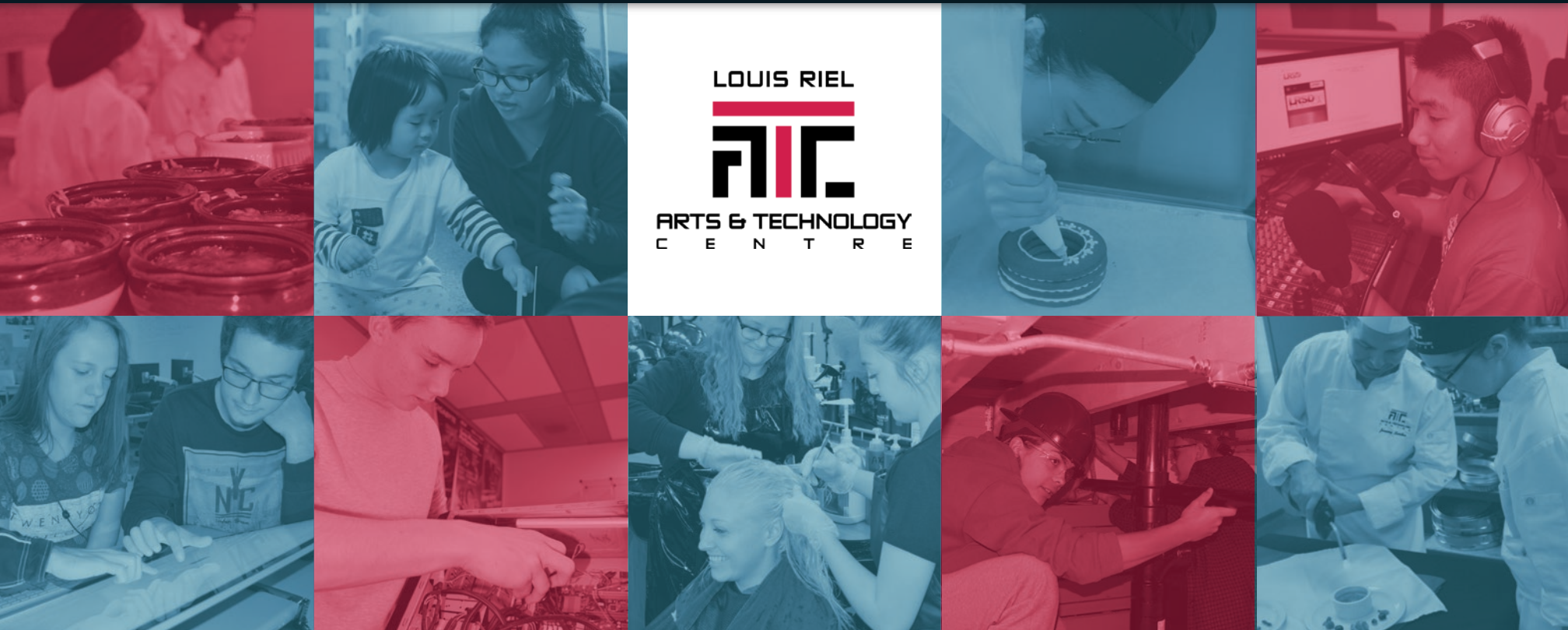


Applied Business Management	\$5,500	\$2,750 per semester
Automotive Technology	\$5,500	\$2,750 per semester
Baking & Pastry Arts	\$5,500	\$2,750 per semester
Broadcast Media	\$5,500	\$2,750 per semester
Building Trades	\$4,500	\$2,250 per semester
Culinary Arts	\$5,500	\$2,750 per semester
Early Childhood Educator	\$5,250	\$2,625 per semester
Electrical Trades	\$5,500	\$2,750 per semester
Esthetics	\$6,600	PART 1: \$3,000 - PART 2: \$3,600
Hairstyling	\$6,600	\$2,200 per semester
Information Systems	\$5,500	\$2,750 per semester
New Media Design	\$5,500	\$2,750 per semester
Plumbing Trades	\$5,500	\$2,750 per semester

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



LRATC PROGRAMS



LOUIS RIEL
LRATC
ARTS & TECHNOLOGY
CENTRE

ACADEMIC PROGRAM MATURE STUDENT HIGH SCHOOL DIPLOMA

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)

ACADEMIC CREDIT OPTIONS FOR HIGH SCHOOL STUDENTS

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 counsellors.

MATURE STUDENT DIPLOMA

Grade 11 and 12 academic courses are offered to students who wish to obtain a Mature Student High School Diploma in combination with an LRATC program certificate. The program features self-directed, blended online delivery. Students may access course content at school and home. Academic courses are scheduled into class periods where a certified teacher is available to offer one-on-one assistance. For registration requirements see page 7.

DIPLOMAS

- Provincial High School Diplomas will be issued once all graduation requirements have been met.
- Regular High School Diploma or a Technology Education will be issued to students who complete 30 credits and meet all provincial requirements.
- Mature Student High School Diploma issued to adult students who complete 8 credits with 4 being at the Grade 12 level.



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 four-week internship will take place during 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%.

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)).

PART 1

Introduction to Business I
Dual Credit University / High School
Course 0.5

COURSE CODE: 4002 (42U)

Career Development: Life/Work
Transitioning

COURSE CODE: 0100 (45S)

Venture Development

COURSE CODE: 0327 (30S)

Applied Business Technologies

COURSE CODE: 0311 (40S)

Accounting Essentials

COURSE CODE: 0309 (30S)

PART 2

Introduction to Business II
Dual Credit University / High School
Course 0.5

COURSE CODE: 4000 (42U)

Career Development Internship

COURSE CODE: 0305 (45G)

Economic Principles

COURSE CODE: 0318 (40S)

Marketing and Digital Commerce

COURSE CODE: 0323 (40S)

Business Management

COURSE CODE: 0316 (40S)

- 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.



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)

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: \$50 for First Aid Course for PART 2 and \$100 for coveralls, safety glasses and a work light. Steel toed safety boots are required.



PART 1

Intro to Automotive Technology

COURSE CODE: 8696 (20S)

Chassis, Fundamentals & Service

COURSE CODE: 8698 (30S)

Engine Fundamentals & Service

COURSE CODE: 8697 (30S)

Drive Train Fundamentals & Service

COURSE CODE: 8699 (30S)

PART 2

Automotive Electrical Systems

COURSE CODE: 8700 (40S)

Vehicle Systems, PART 1

COURSE CODE: 8701 (40S)

Vehicle Systems, PART 2

COURSE CODE: 8702 (40S)

Applied Diagnostic Strategies

COURSE CODE: 8703 (40S)

- 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.



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%.

PART 1

Introduction to Baking and Pastry Arts

COURSE CODE: 8324 (20S)

Modern & Classic Desserts, and Plating Techniques

COURSE CODE: 8374 (40S)

Quick Breads, Cookies, Doughnuts and Pies

COURSE CODE: 8338 (30S)

Yeast and Dough Products

COURSE CODE: 8339 (30S)

PART 2

Tarts and Special Pastries

COURSE CODE: 8359 (40S)

Cakes, Fillings, Icings and Decorations

COURSE CODE: 8358 (30S)

Advanced Baking and Pastries

COURSE CODE: 8375 (40S)

Advanced Bread Products

COURSE CODE: 8998 (40S)

- 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.



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 \$100 for uniform.



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 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 microphone.

PART 1

Introduction to Broadcast Media Technology

COURSE CODE: 9116 (20S)

Multi-Camera Production for Broadcast Media

COURSE CODE: 9117 (30S)

Video Post-Production for Broadcast Media

COURSE CODE: 9118 (30S)

Single Camera Production for Broadcast Media

COURSE CODE: 9119 (30S)

PART 2

Electronic News Gathering for Broadcast Media

COURSE CODE: 9120 (40S)

Advanced Multi-Camera Production for Broadcast Media

COURSE CODE: 9122 (40S)

Documentary & Film Production for Broadcast Media

COURSE CODE: 9121 (40S)

Applied Broadcast Media Technology

COURSE CODE: 9123 (40S)

- 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.



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:** \$35

ADDITIONAL COSTS: 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.

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.

PART 1

Carpentry Tools and Equipment

COURSE CODE: 9188 (30S)

Carpentry Fundamentals

COURSE CODE: 8585 (20S)

Surveying and Concrete

COURSE CODE: 9191 (30S)

Framing

COURSE CODE: 9189 (30S)

PART 2

Interior/Exterior Finishing

COURSE CODE: 9190 (30S)

Advanced Framing

COURSE CODE: 9192 (40S)

Carpentry Millwork

COURSE CODE: 9193 (40S)

Applied Carpentry

COURSE CODE: 9194 (40S)

- 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.

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: \$100 for purchase of uniform.



PART 1

Cooking Principles

COURSE CODE: 8791 (20S)

Breakfast and Dairy

COURSE CODE: 8796 (40S)

Stocks, Soups and Sauces

COURSE CODE: 8795 (40S)

Meats, Poultry, Fish and Seafood

COURSE CODE: 8798 (40S)

PART 2

Patisserie and Baking

COURSE CODE: 8793 (30S)

Menu Planning and Food Costing

COURSE CODE: 8797 (40S)

Vegetables, Fungi, Starches, and

Farinaceous Products

COURSE CODE: 8794 (30S)

Garde-Manger

COURSE CODE: 8792 (30S)

- PART 1 – four credits, offered in Sems 1 & 2.
- PART 2 – four credits, offered in Sems 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.



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. Students must be able to show proof of COVID 19 vaccination when they begin their internship.

CERTIFICATION

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

PART 1

Intro to Early Childhood Education

COURSE CODE: 9216 (20S)

Relationships with Children in ECE

COURSE CODE: 9217 (30S)

Early Childhood Environments in ECE

COURSE CODE: 9218 (30S)

Child and Practitioners Wellness in ECE

COURSE CODE: 9219 (30S)

Applied Practice 1 (Practicum) in ECE

COURSE CODE: 9222 (30S)

PART 2

Nurturing Care

COURSE CODE: 8666 (40S)

Communication Skills

COURSE CODE: 8661 (30S)

Family and Community in ECE

COURSE CODE: 9225 (40S)

Professionalism

COURSE CODE: 9226 (40S)

Applied Practice II (Practicum) in ECE

COURSE CODE: 9227 (40S)

- 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.



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. \$50 for First Aid Training and \$50 (approx.) for child abuse registry and criminal records check.

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 \$55 for first aid certificate. Steel toed boots are required.

PART 1

Introduction to Electrical Trades Technology

COURSE CODE: 9055 (20S)

DC Fundamentals

COURSE CODE: 9056 (30S)

Residential Wiring

COURSE CODE: 9057 (30S)

Advanced Residential Wiring

COURSE CODE: 9059 (40S)

PART 2

Electrical Wiring Methods

COURSE CODE: 9058 (30S)

AC Fundamentals

COURSE CODE: 9060 (30S)

Advanced Electrical Wiring Methods

COURSE CODE: 9061 (40S)

Applied Electrical Trades Technology

COURSE CODE: 9062 (40S)

- 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.

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.

PART 1

Introduction to Esthetics

COURSE CODE: 9064 (20S)

Manicure and Pedicure Treatments

COURSE CODE: 9065 (30S)

Artificial Nails

COURSE CODE: 9066 (40S)

Applied Nail Technology

COURSE CODE: 9067 (40S)

Spa Services

COURSE CODE: 9078 (40S)

PART 2

Basic Skin Care and Product Knowledge

COURSE CODE: 9068 (30S)

Intermediate Skin Care

COURSE CODE: 9069 (30S)

Advanced Skin Care

COURSE CODE: 9074 (30S)

Make-up Artistry

COURSE CODE: 9077 (40S)

Hair Removal

COURSE CODE: 9076 (40S)

Applied Esthetics

COURSE CODE: 9075 (40S)

- 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.



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 – \$200 (approx.) for a nail kit. PART 2 – \$200 (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.

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 semesters)

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

COURSE CODE: 8312 (20S)

Basic Hairstyling

COURSE CODE: 8313 (20S)

Basic Hair Cutting and Thermal Styling

COURSE CODE: 8314 (20S)

Salon Operations and Client Services

COURSE CODE: 8322 (40S)

PART 2

Intermediate Haircutting and Barbering

COURSE CODE: 8316 (30S)

Hair Colouring

COURSE CODE: 8317 (30S)

Intermediate Hairstyling and Artificial Hair

COURSE CODE: 8318 (30S)

Chemical Texture Services

COURSE CODE: 8319 (30S)

PART 3

Advanced Hair Colouring

COURSE CODE: 8320 (40S)

Advanced Haircutting and Chemical Texture

COURSE CODE: 8321 (40S)

Certificate Preparation

COURSE CODE: 8323 (40S)

Basic Salon Services

COURSE CODE: 8315 (20S)

- PARTS 1, 2 and 3 - four credits, offered in Sems 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 be eligible to proceed to PART 2.
- Students must have completed the required hours from PART 2 to be eligible to proceed to PART 3.
- September or February intake.



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.

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.



PART 1

Hardware and Software Essentials

COURSE CODE: 9103 (20S)

Operating Systems

COURSE CODE: 9104 (30S)

Networking Technologies

COURSE CODE: 9105 (30S)

Advanced Networking Technologies

COURSE CODE: 9108 (40S)

PART 2

Advanced Operating Systems

COURSE CODE: 9107 (40S)

Cyber Security Essentials

COURSE CODE: 9106 (30S)

Server Administration

COURSE CODE: 9109 (40S)

Applied Networking and Cyber Security

COURSE CODE: 9111 (40S)

- 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.



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: Headset with microphone.

PART 1

Introduction to Interactive Digital Media

COURSE CODE: 9094 (20S)

Interactive Digital Media Design

COURSE CODE: 9095 (30S)

Futures in Interactive Digital Media

COURSE CODE: 9101 (40S)

Interactive Digital Asset Creation

COURSE CODE: 9096 (30S)

PART 2

Coding for Interactive Digital Media

COURSE CODE: 9097 (30S)

Advanced Coding for Interactive Digital Media

COURSE CODE: 9099 (40S)

Project Management for Interactive Digital Media

COURSE CODE: 9100 (40S)

Advanced Interactive Digital Asset Creation

COURSE CODE: 9098 (40S)

- 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.



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.

PART 1

Introduction to Plumbing Pipe Trades

COURSE CODE: 8876 (20S)

Introduction to Piping Systems and Theories

COURSE CODE: 8877 (30S)

Installation of Plumbing and Piping Systems I

COURSE CODE: 8878 (30S)

Installation of Plumbing and Piping Systems II

COURSE CODE: 8879 (30S)

PART 2

Sanitary Venting Systems

COURSE CODE: 8981 (40S)

Sanitary Drainage Systems

COURSE CODE: 8982 (40S)

Installation of Plumbing and Piping Systems III

COURSE CODE: 8984 (40S)

Applied Plumbing and Piping Systems

COURSE CODE: 8985 (40S)

- 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.



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: \$60 for First Aid course. Steel toed boots required.

HIGH SCHOOL APPRENTICESHIP PROGRAM

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.



CONTACT INFORMATION

LOUIS RIEL SCHOOL DIVISION HSAP TEACHER

PHONE: (204) 792-4816 | **FAX:** (204) 231-0038

WEBSITES: <http://www.lratc.ca> | <http://www.manitoba.ca/tradecareers>



THE EDGE at LRATC

WHAT IS THE EDGE?

The Louis Riel Arts and Technology Centre (LRATC) is a **leader in career and technical education**, preparing our students in thirteen different career areas and trades. A survey of our students shows an over **90% satisfaction rate with their experience at LRATC**. We have worked hard to keep our programs current while getting students ready for the workforce. Our staff **meet on a regular basis with employers** to discuss the trade and the requirements needed for students entering the workforce.

Our conversations with trade professionals determined that **our students are well prepared in theory and practical applications**. However, we learned that we needed to further emphasize the employability skills which complement the theory, skills and practical knowledge. Employers are telling us our students come to them with the critical technical skills but some may need improvement in Workplace Readiness. The workplace readiness skills are just as important to making any organization successful as the content knowledge.

The staff is committed to developing comprehensive **Work Readiness Skill teachings**. The philosophy is:

- LRATC believes and follows an industry-driven, vocational curriculum that defines, teaches and assesses **Work Readiness Skills**.
- In addition to the theory and practical component every program will teach and assess work readiness skills based on the **six pillars**.

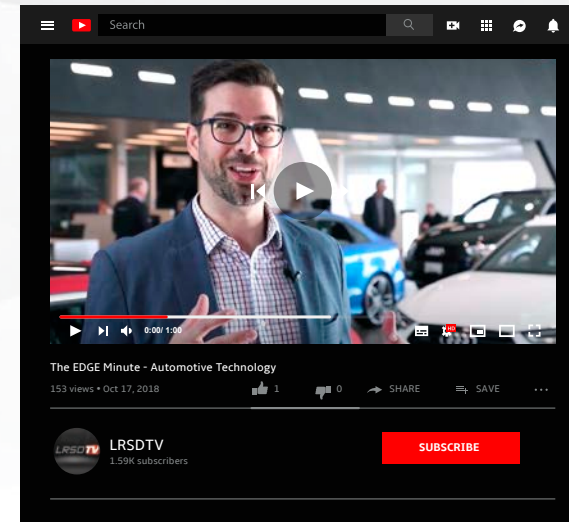


THE SIX PILLARS OF THE EDGE PROGRAM

These pillars can also include, but are not limited to, the **following topics**: attendance and punctuality, proper use of technology, problem-solving skills, team-work, customer relations, professional appearance, resume and interview skills, communication skills, to name just a few.

We believe **students who attend LRATC have gained an EDGE in employment** as they are prepared to enter the workforce immediately. The EDGE is introduced and promoted throughout the school year, focusing on the development of work readiness skills that are needed in today's workforce.

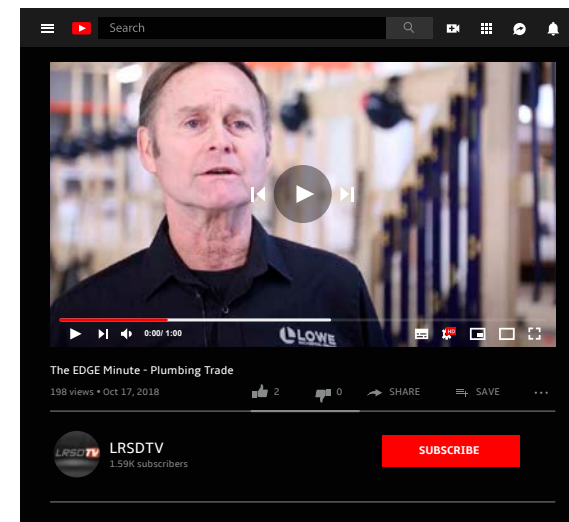
We are truly excited about this focus at LRATC. While Workplace Readiness has always been part of what we have done, **this extra emphasis will lead to even greater success for our students**. Every student who attends a program at LRATC will gain the EDGE needed to be successful in the future.



“
Your getting
somebody who
is prepared for a
career, not just a
job, but a career.”

**Kyle Braun - Fixed
Operations Manager
Audi Winnipeg**

27



“
The EDGE is
great in helping
us... making sure
that the students
coming out of
the program are
ready for the
work site”.

**John Warnica - Lowe
Mechanical Services**




CONTACT


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 @ArtsTechCentre

 @ArtsTechCentre

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