



# Welcome

Kimberley Adair-Gagnon

Principal

# Nelson McIntyre Collegiate

## GRADE 11



# GRADUATION REQUIREMENTS

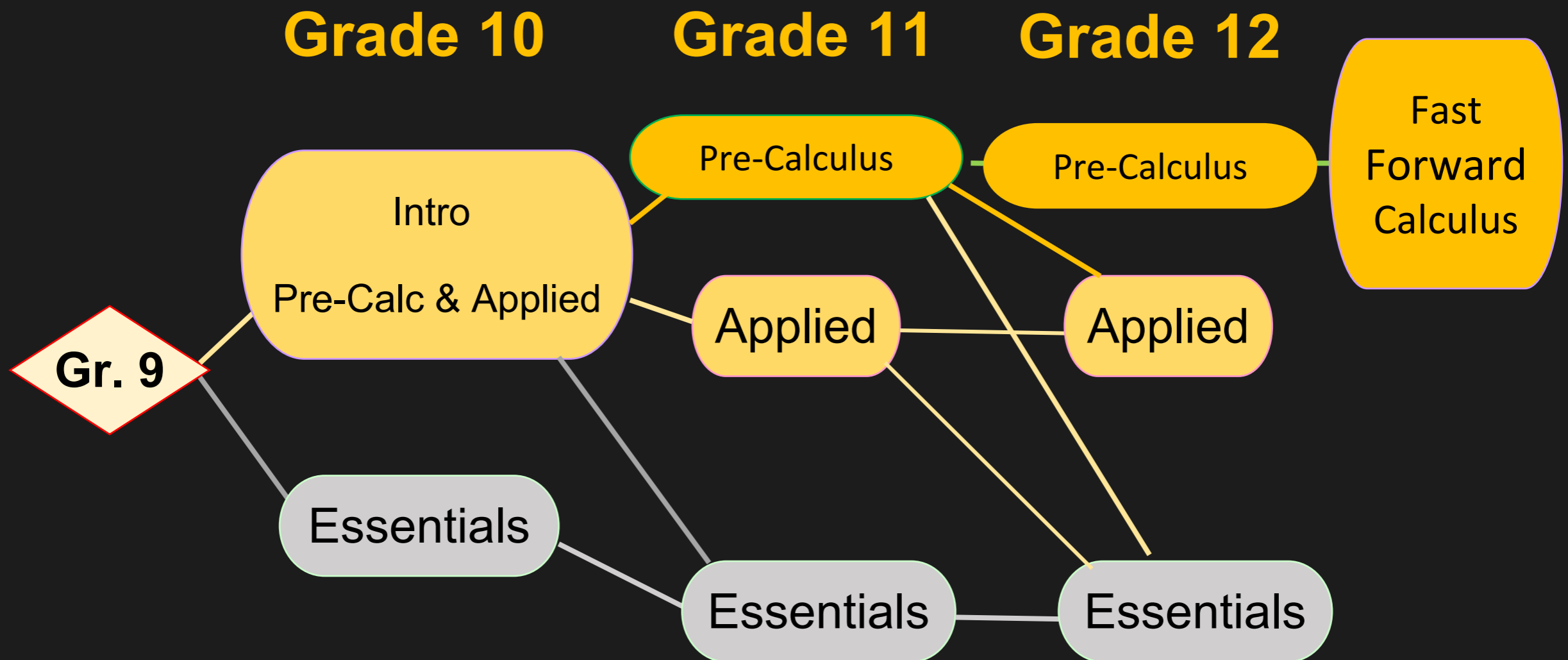
- 30 credits are required to graduate
- All 17 compulsory credits must be completed
- Min. 5 credits at the Grade 11 level for graduation
- Min. 5 credits at the Grade 12 level for graduation
- 6 credits at the Grade 12 level for University Entrance requirements
  - Minimum three 40S credits are needed
  - Different universities have different “approved” credits

# GRADE 11 REQUIREMENTS

## Interdisciplinary Classes

- ENGLISH COMPREHENSIVE 30S
- HISTORY 30F
- PHYSICAL EDUCATION 30F
- MATHEMATICS 30S
  - PRE-CALCULUS
  - APPLIED
  - ESSENTIALS
- 2-3 30 LEVEL ELECTIVE CREDITS
- TOTAL OF 7-8 CREDITS

# MATH COURSE SELECTION



# Essential Math 30S

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**Prepares students with the mathematical tools and skills for the real world.**

- Topics include:
  - Analysis of Games and Numbers
  - Interest and Credit, Managing Money
  - Statistics
  - 3D Geometry, Relations and Patterns
  - Trigonometry, Design Modelling

**Students may enter many University programs with Essential Mathematics including:**

- University 1
- Environmental Design
- Law
- Social Work
- Family Social Sciences
- Recreation Management and Community Development
- Fine Arts
- Physical Education
- Nursing
- Environmental Studies/Geography
- Kinesiology
- Music Studies
- Education

# Applied Math 30S

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- You will be most successful if your grade 10 Intro to Applied and Pre-Cal Math mark is at least 70%
- Talk with your current math teacher about whether this option might be right for you.
- Is designed for students who plan further study in mathematics as part of their post-secondary education.
- Useful for many post-secondary options, including most university faculties and college programs.

# Pre-Calculus Math 30S

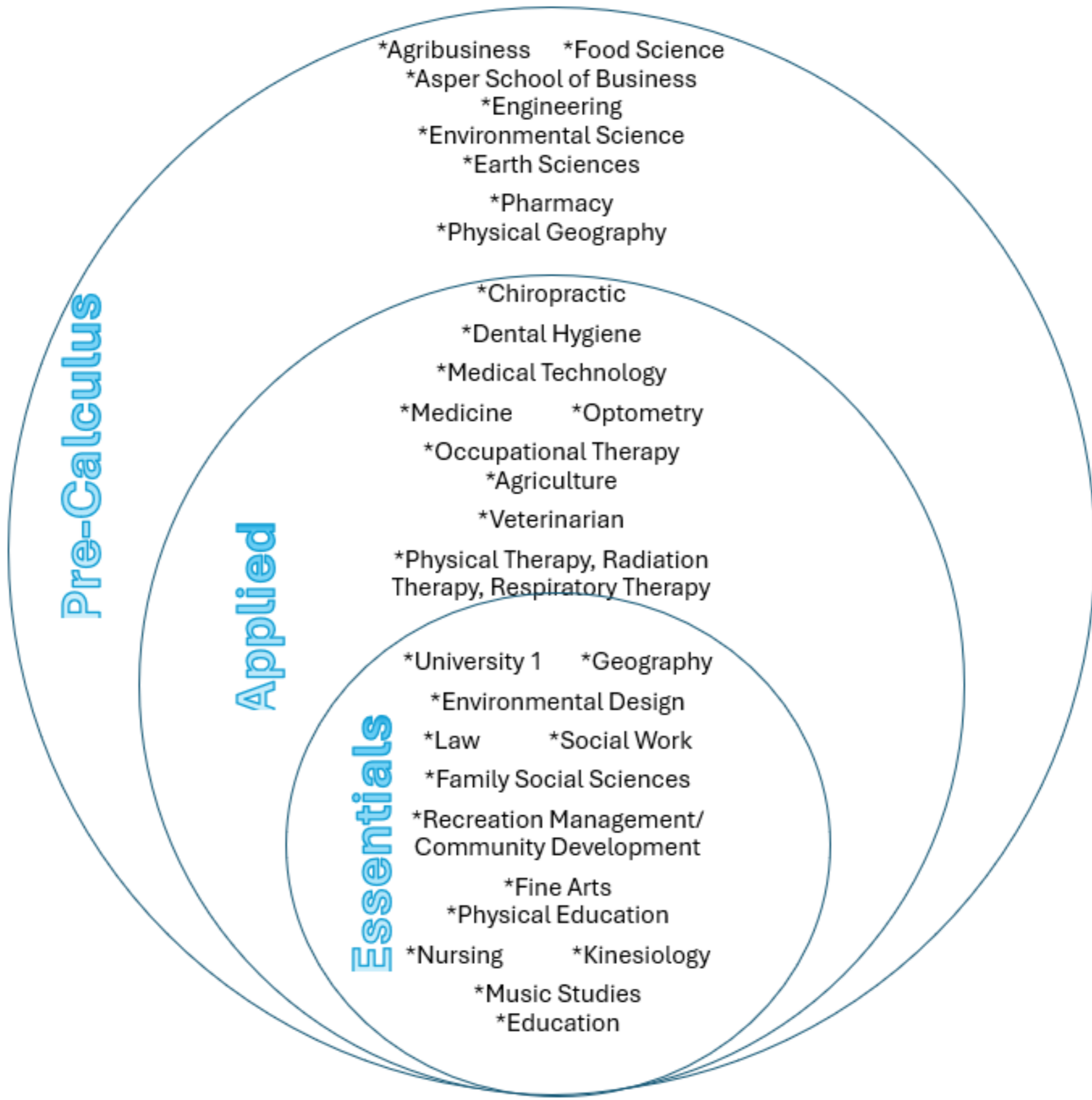
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- You will be most successful if your grade 10 Intro to Applied and Pre-Cal Math mark is at least 75%
- Talk with your current math teacher about whether this option might be right for you.
- Is designed for students who plan further study in mathematics as part of their post-secondary education.

## Required for:

- Engineering
- Pharmacy
- Business
- Food Science
- Earth Science
- Physical Geography
- Architecture (Environmental Science)





**Pre-Calculus**

**Applied**

**Essentials**

- \*Agribusiness
- \*Food Science
- \*Asper School of Business
- \*Engineering
- \*Environmental Science
- \*Earth Sciences
- \*Pharmacy
- \*Physical Geography

- \*Chiropractic
- \*Dental Hygiene
- \*Medical Technology
- \*Medicine
- \*Optometry
- \*Occupational Therapy
- \*Agriculture
- \*Veterinarian
- \*Physical Therapy, Radiation Therapy, Respiratory Therapy

- \*University 1
- \*Geography
- \*Environmental Design
- \*Law
- \*Social Work
- \*Family Social Sciences
- \*Recreation Management/Community Development
- \*Fine Arts
- \*Physical Education
- \*Nursing
- \*Kinesiology
- \*Music Studies
- \*Education

# GRADE 11 ELECTIVES

Visual Art 30S	Biology 30S	Career Development 30S	Chemistry 30S
Computational Physics 30S	Concert Band 30S	Drama 30S	Electricity – Electronics Technology 30G
Family Studies 30S	First Nations, Metis & Inuit Studies 40S	Food and Nutrition 30S	French 30S
Graphic Arts 30G	Guitar 30S	Indigenous Language and Culture 31G	Jazz Band 30S
Musical Theatre 30S	Psychology 40S	Power Mechanics 30G	Theatre Production 30S
Textile Art and Design 30G	Venture Development 30S (Entrepreneurship)	Yearbook Desktop Publishing 30S	Woodworking Technology 30G
Canadian Law 40S	Environmental Design 40S		

# PICK YOUR PATH

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## INDEPENDENT ELECTIVES

OPPORTUNITY FOR 3-5 CREDITS

### Arts

Dramatic Arts

Visual Arts

Concert Band

Jazz Band

Theatre Performance

Theatre Backstage Production

### Sciences

Biology

Chemistry

Computational Physics

### Specialized Studies

French Language

Indigenous, Metis and Inuit Studies

Psychology

Law

Environmental Design

### Practical Arts

Clothing and Design

Electronics

Foods and Nutrition

Power Mechanics

Woodworking Technology

# PICK YOUR PATH

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## LOUIS RIEL ARTS & TECHNOLOGY CENTRE 4 CREDITS PER SCHOOL-YEAR

Applied Business  
Management

Early Childhood Ed.

Esthetics

Hairstyling

Broadcast Media

Information  
Systems

New Media Design

Baking &

Pastry Arts

Culinary Arts

Auto Technology

Building Trades

Electrical Trades

Plumbing trades

# PICK YOUR PATH

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## PROPEL

AN INDEPENDENT PASSION PROJECT  
3 - 4 CREDITS PER SEMESTER

English Language Arts:  
Transactional Focus

ICT:  
Information-  
Communication  
Technology

1 - 2 Additional Credits  
(additional credits  
depend on project)

# Post-secondary Education

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Research entrance requirements for programs you are interested in

University of Manitoba:

<https://umanitoba.ca/explore/undergraduate-admissions/undergraduate-admission-requirements>

University of Winnipeg:

<https://www.uwinnipeg.ca/future-student/requirements/hs-pre-req-majors.html>

RRC Polytech:

<https://www.rrc.ca/future-students/admission-requirements/>

Come and see us in the Student Services area if you have any questions!

# EXTRA CREDIT OPTIONS

- SPECIAL LANGUAGE CREDITS (UP TO 4 CREDITS) – next exams in March; **Register by FRIDAY FEB 21 at 4:00pm** (Another round will be offered in October next year.)
- VOLUNTEER CREDIT
- CREDIT FOR EMPLOYMENT (MAX. 2 CREDITS)
- HIGH SCHOOL APPRENTICESHIP OPTION (UP TO 8 CREDITS!)
- CULTURAL AWARENESS CREDIT
- *ROYAL CONSERVATORY OF MUSIC CREDITS – In addition to 30 credits required for graduation.*
- *CADET CREDITS - In addition to 30 credits required for graduation.*

Registration will take place the week  
of February 24<sup>th</sup>

[https://www.lrsd.net/schools/NMC/  
Pages/default.aspx](https://www.lrsd.net/schools/NMC/Pages/default.aspx)



## DATES TO NOTE:

### Preview some Post-Secondary Options/Programs

#### **RRC Polytech Open Doors**

- Happened yesterday!
- But you can still book campus tours here: <https://www.rrc.ca/student/campus-tours/>

#### **University of Manitoba Open House**

- Happened today! (And we had a field trip in November)
- But you can still book campus tours here: <https://umanitoba.ca/explore/explore-our-campus/campus-tours>

#### **University of Winnipeg Open House**

- Happened yesterday! (And we had a field trip last week)
- But you can still book campus tours here: <https://www.uwinnipeg.ca/future-student/campus-tours.html>

#### **Louis Riel Arts and Tech Open House & Information evenings**

- Tuesday, February 25<sup>th</sup> and Wednesday, February 26<sup>th</sup> from 6:00-8:00pm
- 5 deBourmont Ave