

Nelson McIntyre Collegiate





Welcome

Kimberley Adair-Gagnon

Principal

OUR PRIORITIES

Strengthening Academic Learning

- ▶ Deep Learning and Content Knowledge
- ▶ Literacy
- ▶ Numeracy

Growing Independence

- ▶ Time and Project Management
- ▶ Collaboration/Teamwork
- ▶ Critical Thinking and Problem-solving

Fostering Belonging

- ▶ Building Community
- ▶ Exploring Interests and Passions
- ▶ Discovering Strengths
- ▶ Elevating Voice

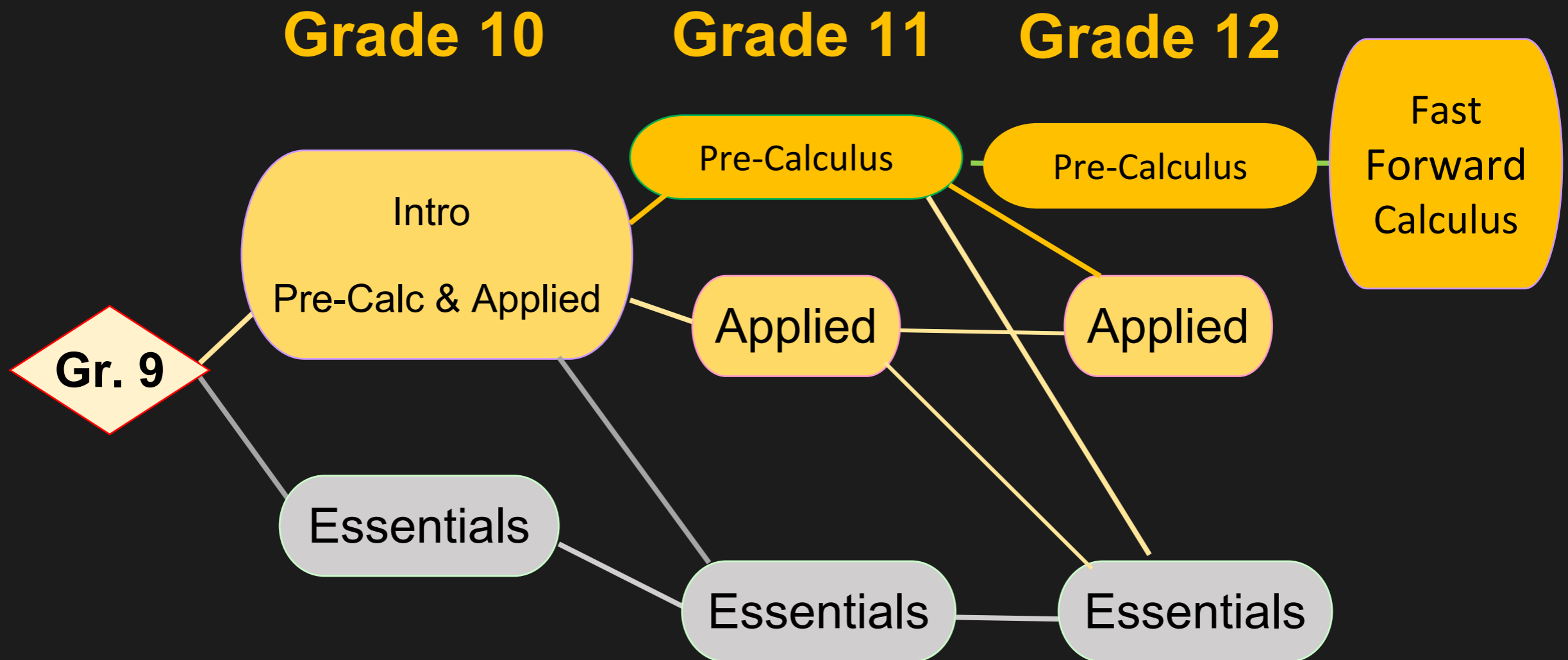
GRADUATION REQUIREMENTS

- 30 credits are required to graduate
- All 17 compulsory credits must be completed
- 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
 - Many institutions have an “approved credit” list
 - Specific programs may have specific pre-requisites for direct entry

GRADE 12 REQUIREMENTS

- **Interdisciplinary Courses:**
 - ENGLISH COMPREHENSIVE FOCUS 40S + GLOBAL ISSUES 40S
 - OR
 - ENGLISH LITERARY FOCUS 40S + CINEMA AS A WITNESS TO MODERN HISTORY 40S
- PHYSICAL EDUCATION 40F
- MATHEMATICS 40S
 - PRE-CALCULUS
 - APPLIED
 - ESSENTIALS
- + 1-3 ELECTIVES TO EQUAL 5-7 CREDITS TOTAL

MATH COURSE SELECTION



Essential Math 40S

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

- Topics include:
 - Analysis of Games and Numbers
 - Vehicle Finance, Home Finance (Mortgages, Insurance)
 - Career/Life
 - Statistics, Probability
 - Precision Measurement, Geometry and Trigonometry
 - Business Finance

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 40S

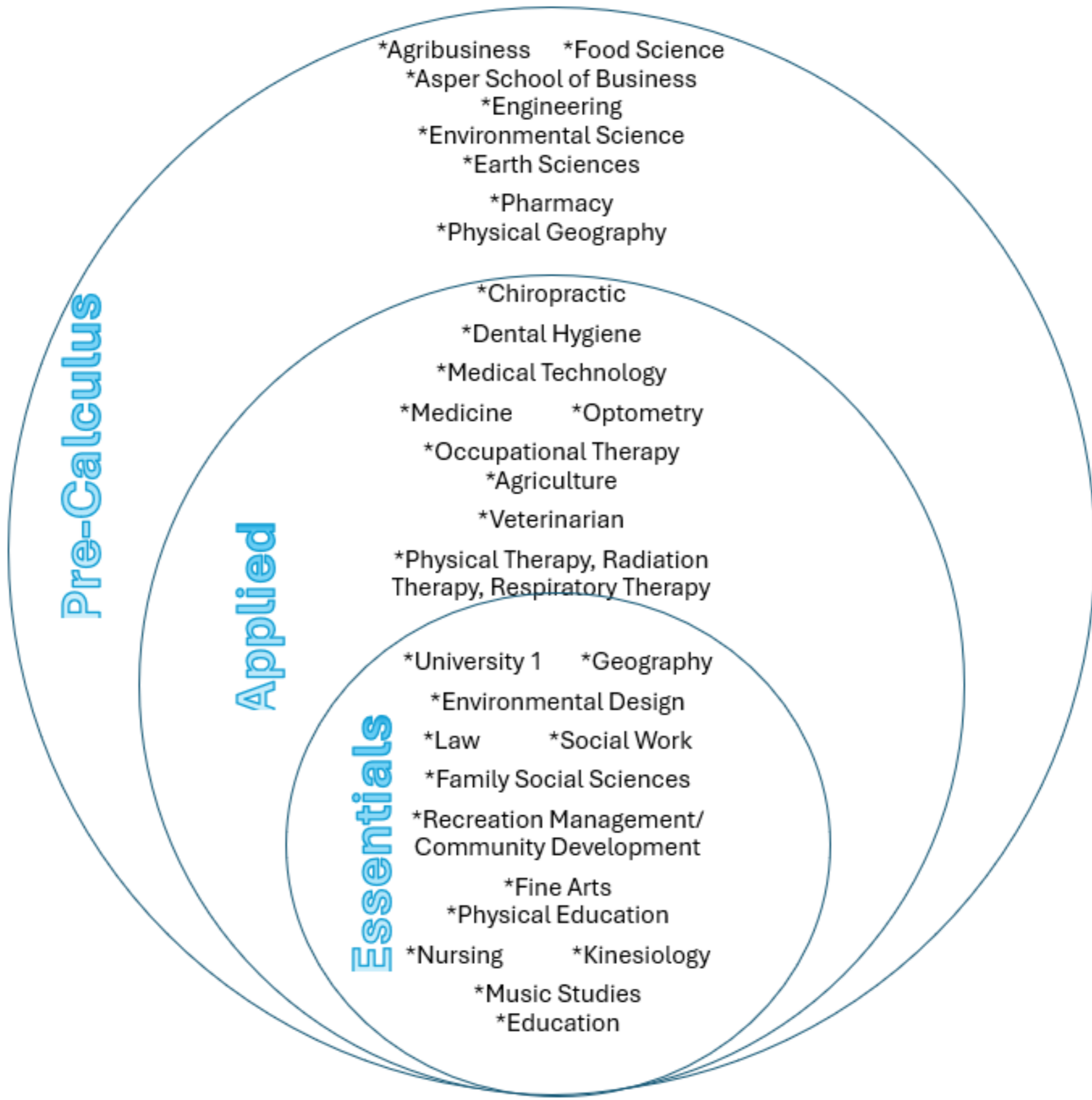
- You will be most successful if your grade 11 Applied or Pre-Cal mark is at least 65%.
- Talk with your current math teacher about whether this option might be right for you.
- Is designed for students who plan further study in mathematics as part of their post-secondary education.
- Useful for many post-secondary options, including most university faculties and college programs.

Pre-Calculus Math 40S

- You will be most successful if your grade 11 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



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 12 ELECTIVES

| | | | |
|--|----------------------------|----------------------------------|--|
| Visual Art 40S | Biology 40S | Business Management 40S | Career Development 40S |
| Chemistry 40S | Computational Physics 40S | Concert Band 40S | Drama 40S |
| Electricity – Electronics Technology 40S | Family Studies 40S | French 40S | First Nations, Metis & Inuit Studies 40S |
| Food and Nutrition 40S | Guitar 40S | Graphic Arts 40S | Indigenous Language and Culture 41G |
| Jazz Band 40S | Musical Theatre 40S | Theatre Backstage Production 40S | Power Mechanics 40S |
| Textile Arts and Design 40S | Woodworking Technology 40S | Yearbook: Applied Technology 40S | Environmental Design 40S |
| Psychology 40S | Canadian Law 40S | | |

Fast Forward Courses

Calculus is a Post-secondary course offered as dual credit in the Louis Riel School Division.

This course will likely be offered in second semester next year, on site at Dakota Collegiate. Students need to complete Pre-Cal Math 40S by the end of their first semester of grade 12 with a very strong mark in order to apply. (Speak with Mr. Speiser about this.)

OTHER 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.*

Post-secondary Education

- Research entrance requirements for programs you are interested in to help you choose the electives right for you.
- Visit Student Services area if you have any questions and for help in finding your high school pathway.

Registration will take place the
week of February 24th.

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 25th and Wednesday, February 26th from 6:00-8:00pm
- 5 deBourmont Ave