



# Welcome

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Principal

# Nelson McIntyre Collegiate



# OUR PRIORITIES

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## 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

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- 30 credits are required to graduate
- All 17 compulsory credits must be completed
  - ELA (Gr. 9-12)
  - Mathematics (Gr. 9-12)
  - Social Studies (Gr. 9 - 11)
  - Science (Gr. 9 & 10)
  - Phys. Ed. (Gr. 9-12)
- 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

# GRADE 9 REQUIREMENTS

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## INTERDISCIPLINARY BLOCK:

- \*ENGLISH 10F
- \*CANADA AND THE CONTEMPORARY WORLD 10F
- READING IS THINKING
- LIFEWORKS 10S
- \*MATH 10F
- \*SCIENCE 10F
- \*PHYSICAL EDUCATION 10F
- 2 ELECTIVE CREDITS

\*Compulsory Courses

# GRADE 10 REQUIREMENTS

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## INTERDISCIPLINARY BLOCK:

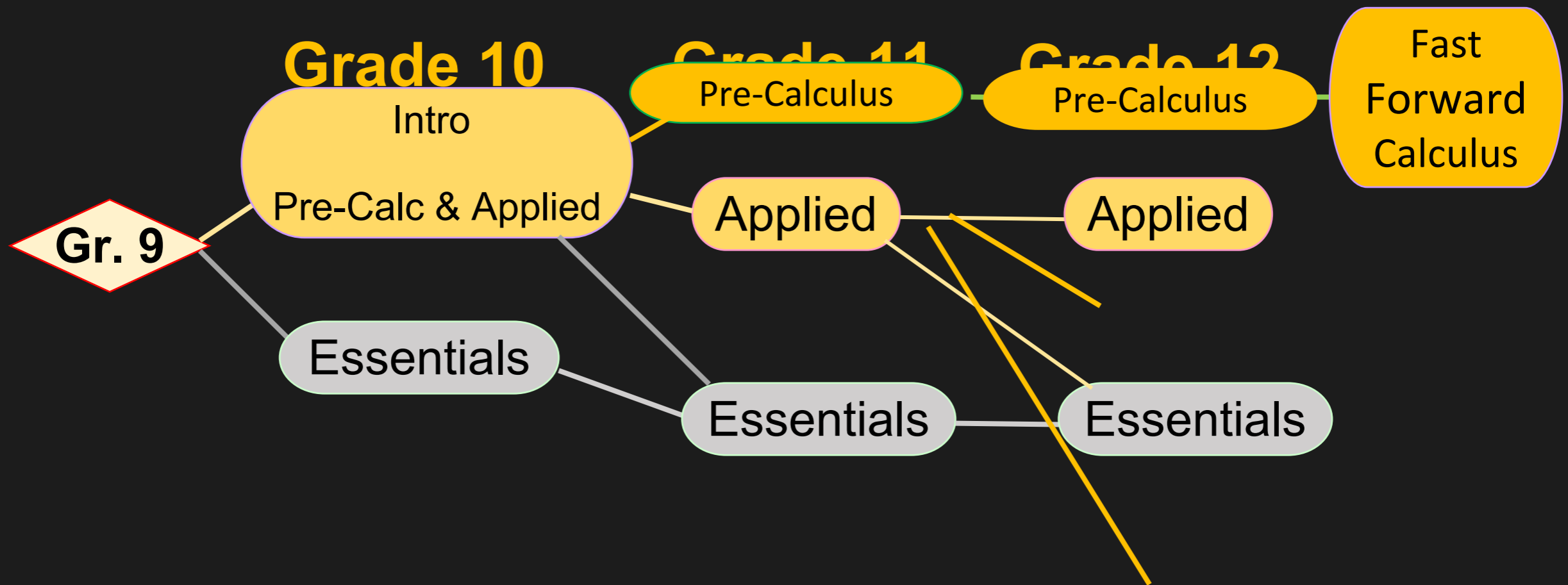
- \*ENGLISH 20F
- \*SCIENCE 20F
- \*GEOGRAPHY 20F
- CAREER DEVELOPMENT:  
LIFE/WORK PLANNING 20S
- \*MATHEMATICS 20S
  - INTRO TO PRE-CALCULUS and APPLIED
  - OR
  - ESSENTIALS
- \*PHYSICAL EDUCATION 20F
- 2 ELECTIVE CREDITS

\*Compulsory Courses

# Grade 9 into 10



# MATH COURSE SELECTION





# Essential Math 20S

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

- Topics include:
  - Analysis of Games and Numbers
  - Personal Finance, Consumer Decisions
  - Measurement, Angle Construction
  - 2D Geometry, Trigonometry

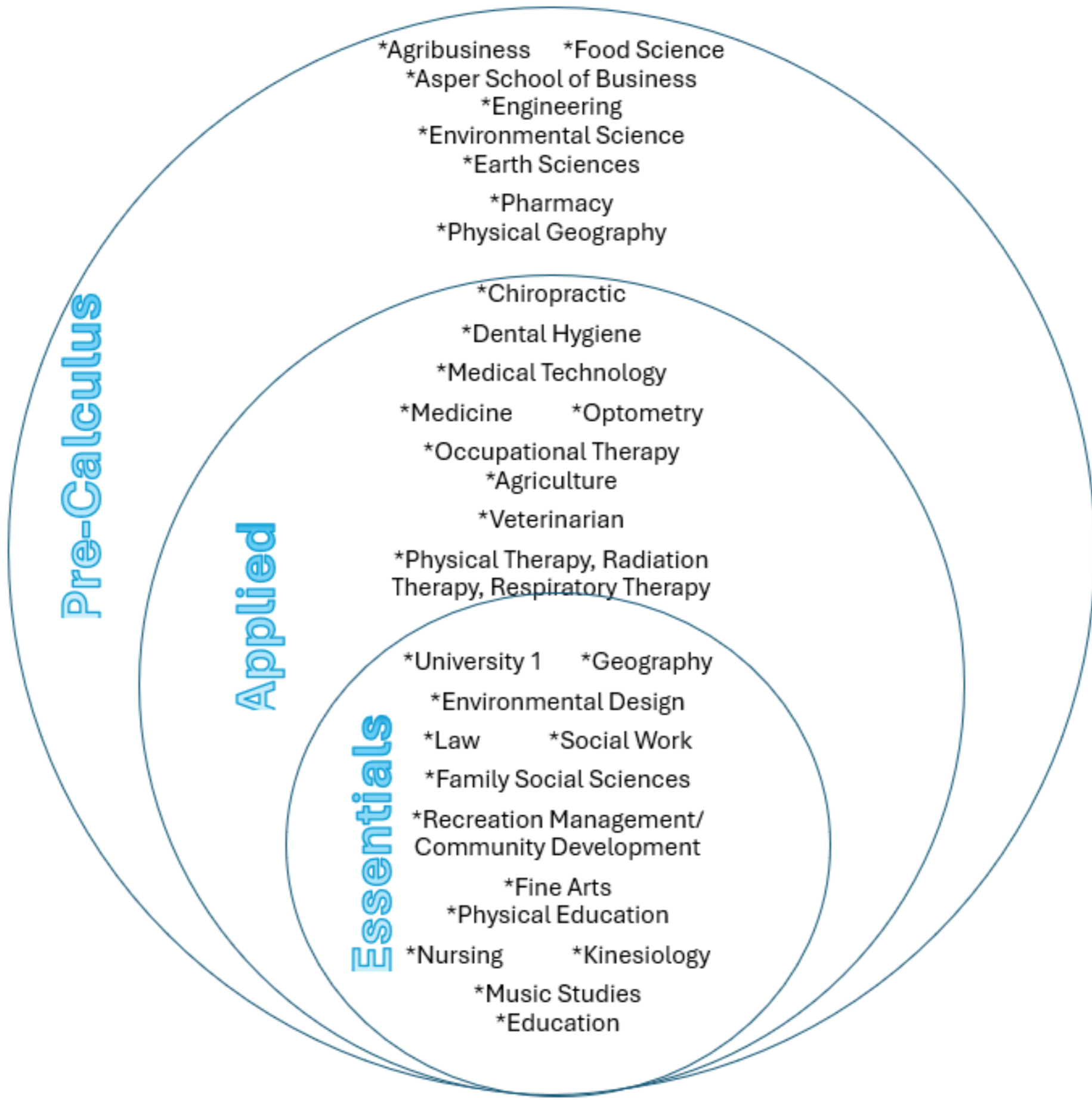
**Students may enter many University programs with Essential Mathematics including:**

- 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

# Intro to Pre-Calculus & Applied Math 20S

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- You will be most successful if your grade 9 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.
- Required for some post-secondary options including:
  - Agriculture
  - Medicine
  - Dentistry
  - Respiratory Therapy
  - Environmental Science
  - Pharmacy
  - Engineering
  - Business
  - Mathematics
  - Some Sciences



**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 9/10 ELECTIVES

Visual Art	Textile Arts and Design	Drama	Graphic Communication Technology
Digital Pictures (Photography)	Family Studies	Foods and Nutrition	French
Guitar	Jazz Band	Concert Band	Drafting/Pre-engineering
Musical Theatre	Theatre Production (Backstage)	Electricity/ Electronics Technology	Indigenous Language and Culture
Power Mechanics	Woodworking	Entrepreneurship	Technical Music Production
Law (40S)	Psychology (40S)	First Nation, Metis & Inuit Studies (40S)	Environmental Design (40S)

# EXTRA CREDIT OPTIONS

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- 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
- CULTURAL EXPLORATION CREDIT
- CREDIT FOR EMPLOYMENT (MAX. 2 CREDITS) – Must be 16 yrs old
- HIGH SCHOOL APPRENTICESHIP OPTION (UP TO 8 CREDITS!) – Must be 16 yrs old
- *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

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- Think about your goals after high school and Student Services will help you to plan your courses to set you up for success.
- Visit Student Services upstairs if you have any questions!

Registration will take place the week  
of February 24th.

# Planning Ahead: Gr 11 and 12

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- Interdisciplinary:
  - ELA & History (grade 11)
  - ELA & Global Issues or Cinema as a Witness to Modern History (grade 12)
- 3 paths to follow for electives
- More student voice & choice
- More self-management
- More self-direction

