

Graduation Requirements and Course Selection

McAdam High School
April 11, 2025



Agenda

Overview of New Brunswick Graduation Requirements

Graduation Pathways

Mathematics Pathways

Career Life Plan

Courses by Grade Level



New Brunswick Graduation Requirements

Graduates must:

- ☐ have met the learning requirements prescribed in the Grade 9 curriculum
- ☐ successfully completed the English Language Proficiency Assessment (ELPA)
- ☐ have a documented Career-Life Plan
- ☐ achieved 100 credit hours (including compulsory courses)



Semester courses are now valued at 4 credit hours

Course credits are now accumulated beginning in grade 10

Grade 9

Art 9

English Language Arts 9 (full year)

Mathematics 9 (full year)

Music 9

Personal Wellness 9

Physical Education 9

Post-Intensive French 9

Science 9

Social Studies 9

Technology 9



Career Life Plan

Exploring:

- ☐ Complete the five assessments in myBlueprint:
- ☐ Identify two or more career life pathways of interest:
- ☐ Identify post-secondary pathways connected to a Career Life Plan:

Experiencing:

- ☐ Develop resume writing skills
- ☐ Develop cover letter writing skills
- ☐ Engage in an interview opportunity
- ☐ Participate in an authentic Career Connected Experiential Learning opportunity
- ☐ Engage in a student-led conference of the completed Career Life Plan

Thinking:

- ☐ Create a goal to show preparation for life beyond high school
- ☐ Develop an Action Plan to work towards a career pathway
- ☐ Develop a Financial Plan that considers life beyond high school

Final Interview/Conversation with School Counselor:

Scheduled in Second Semester of Grade 12 year.

Compulsory Courses & Requirements

Language Arts & Languages

24 credit hours required

☐ PIF 10

☐ ELA 10 Foundational

☐ ELA 11 Foundational

☐ ELA 12

☐ _____

☐ _____

Humanities

8 credit hours required

☐ Civics 10

☐ _____

Mathematics

12 credit hours required

☐ GMF 10

☐ NRF 10 or Financial & Workplace 110

☐ Foundations 110/120 or NBCC ST & WR Math 120 or Financial and Workplace 120

Sciences

8 credit hours required

Creative Arts

4 credit hours required

Wellness & Physical Education

4 credit hours required

Career-Connected

4 credit hours required

Personalized Well-Being

**from the subclusters of: Creative Arts, Wellness & Physical Education, Career & Occupational, Information & Communication Technology, Skilled Trades*

8 credit hours required

Core Cluster

8 credit hours required

Flexible Credits

20 credit hours required

TOTAL: 100 credit hours

Graduation Pathways

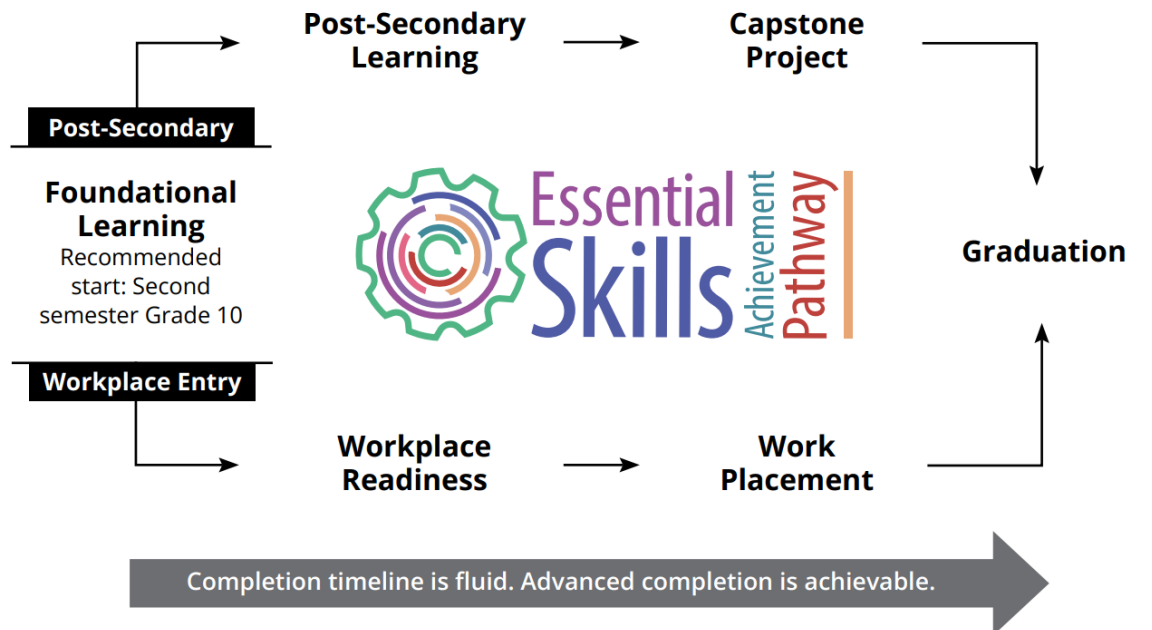
English Prime

- follow traditional 100 credit hour pathway
- select courses based on post-secondary requirements



Essential Skills Achievement Pathway

- student driven
- skills-based learning
- experiential learning opportunities



Mathematics Pathways

GRADE 10	Geometry, Measurement and Finance 10 EN/FR Length: One semester Prerequisite: <i>Mathematics 9</i> Topics: Pythagorean Theorem; polygons; angles; trigonometric ratios; metric and imperial systems of measurement; surface area and volume; unit pricing; currency exchange; income (gross and net pay); credit cards; loans; and interest	Number, Relations and Functions 10 EN/FR Length: One semester Prerequisite: <i>Mathematics 9</i> Topics: prime factors; common factors; square and cube roots; irrational numbers; integral and rational exponents; polynomial expressions; trinomial factoring; linear relations and functions; slope; distance formula; and midpoint formula	HIGH SCHOOL MATHEMATICS PATHWAYS
	FINANCIAL AND WORKPLACE MATHEMATICS This pathway is organized for students who plan to take post-secondary programs that require applied mathematics or who plan to enter the workforce directly after high school.	FOUNDATIONS OF MATHEMATICS This pathway is organized for students who plan to take post-secondary academic programs that do not require calculus.	
	Financial and Workplace Mathematics 110 EN/FR	Foundations of Mathematics 110 EN/FR	Pre-Calculus 110 EN/FR
	Financial and Workplace Mathematics 120	Foundations of Mathematics 120	Pre-Calculus A 120 EN/FR
	NBCC Skilled Trades and Work Ready 120	Pre-Calculus B 120	Calculus 120

Grade 10

Compulsory

1. English Language Arts Foundations 10
2. Language Arts and Languages Option ➡
3. Geometry, Measurement, and Finance 10
4. Civics
5. Career Pathway and Design
6. Science 10
7. Wellness and Physical Education 10
8. Post-Intensive French 10
9. Visual Arts 10
10. Intro. to Skilled Trades ➡

Additional Options

- Numbers, Relations, and Functions 10 ➡
- Essential Skills Achievement Pathway ➡

***Course offerings at MHS can change at any time depending on FTE allotment, staffing, and student enrollment.

Grade 11 & 12

Compulsory

1. English Language Arts Foundational 11
2. Language Arts and Languages Option
3. English Language Arts 12
4. Mathematics Option
5. Humanities Option
6. Science Option
7. Personalized Wellbeing Choice 1
8. Personalized Wellbeing Choice 2

Additional

- 2 Core Cluster Courses
- 5 Flexible Credits
- 5 Electives
 - Or 4 depending on Mathematics Option

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Questions?

