St. Malachy’s Course

Selection Package

2020-2021

Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **MyBlueprint** | | Before you begin… |
| Course Selection is a process involving a balance between career planning and your areas of passion and interest. Consider checking out a career and life-planning tool to which all students in the province of New Brunswick have access - MyBlueprint! | | |
| Logging In | Visit myBlueprint.ca/anglophonesouth   1. Click ‘Sign Up’ 2. Select Your School 3. Create Account | |

*Note: Students entering Grade 10 in September 2020 will require 18 credits to complete NB High School Graduation requirements. (Students will require 2 math credits)*

***Graduation Requirements (Students Graduating in 2021 & 2022)***

**There are 7 compulsory credits.**

* **3 credits** *must be**in English***:** 
  + *English grade 11*

*(***2 credits***)*

* + *English grade 12*

*(***1 credit***)*

* **1 credit** *must be in Math. Students can choose from:*
  + *Foundations of Mathematics 110*
  + *Financial and Workplace Mathematics 110*
* **1 credit** *must be Mod History 11*
* **1 credit** *must be in Science. Students can choose from:*
  + *Physics*
  + *Biology*
  + *Chemistry*
  + *Enviro Science 120*
  + *Robotics 120*
  + *Intro to Electronics 110*
  + *Physical Geography 110*
  + *Human Physiology 110*
* **1 credit** *must be from the Fine Arts/Life Role Development Cluster. Students can choose from*:
  + Visual Arts 110
  + Fine Arts 110
  + Ind Family Dynamics 120 (FI option)
  + Music 111/112
  + Co-op Ed 120
  + Dramatic Arts 110/ 120
  + P.ELeadership120

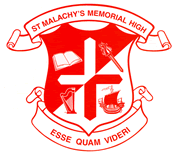
* + Graphic Arts and Design 110
  + Entrepreneurship 110
  + Culinary Tech 110
  + Wellness and Phys. Ed 110
  + Outdoor Education 110
  + Intro to Applied Tech 110 &

Skilled Trades

* **10 Additional credits.**

Graduation requirements for a student identified as being exceptional (as defined by the Education Act) may vary as documented in his/her Personal Learning Plan (PLP). Adjusted and/or Individualization must be indicated on the transcript. No such indication will appear on the diploma.

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| **Course of Studies Grade 10**  **\* Beginning Sept 2020 Numbers Relations and Functions will be come a credit course.** | | |
|  | **English** | **French Immersion (F.I.)** |
| Full Year Required Course | English 10  OR  English 10 (AP Enrichment) | English 10  OR  English 10 (AP Enrichment) |
| Semester Required Courses | Geometry, Measurement and Finance 10  Numbers, Relations and Functions 10  ***OR*** ***AP Enrichment-***  Numbers, Relations and Functions 10  ***AND*** Foundations of Math 110  Social Studies 10  French 10  Broad Based Technology 10 | F.I. Geometry, Measurement and Finance 10  F.I. Numbers, Relations and Functions 10  ***OR*** ***AP Enrichment-***  F.I. Numbers, Relations and Functions 10  ***AND*** F.I. Foundations of Math 110  F.I. Social Studies 10  F.I. Language Arts 10  Broad Based Technology 10 |
| ***Electives*** | *Grade 10 students may select up to 3 semester elective courses. Enrolment in credit courses is at the discretion of the school based on student grades and attendance. Students should select from the options listed below:* | |
| Semester Elective Courses | * Music 10 * Visual Art 10 * Physical Education and Health 10 * Ind. Family Dynamics 120 (F.I. Option available) | |
| Semester Credit Courses | * Applied Technology 110 **AND** Mill & Cabinet 120 (2 Credits) * Biology 11 (1 credit) * Chemistry 11 (1 credit) * Additional options may be available based on course selection. | |



**The Advanced Placement Program**

“Passion, Energy and Quality Thinking”

**St. Malachy’s Memorial High School**

*An AP Capstone Diploma School*

**What is AP?**

Advanced Placement is two things:

* a program of advanced studies intended to allow high school students to work at a university entrance level.
* an international program offering standardized exams that allow students, if successful on the exam, to obtain university credits.

**The Advantages of AP include:**

* the opportunity to participate in a challenging program of studies.
* placement with highly motivated students with common interests, both in terms of the subject and in their desire for excellence.
* the opportunity to write an exam that could provide a university credit, advanced standing and considerable tuition savings.

**We offer AP programs in:**

*Art, Biology, Chemistry, Comparative Politics, English Language,*

*English Literature, French, Mathematics, European History, Physics*

**AP English Program**

*Grade 10* English 10 (full year)

*Grade 11* English 111

AP Seminar 120

*Grade 12*  English 121

AP English 120

**AP French Program**

*Grade 9* FI Language Arts 9

*Grade 10* FI Language Arts 10

*Grade 11* FI Language Arts 110

*Grade 12* FI Language Arts 120

AP French 120

**AP Capstone Certificate**

*Grade 11* AP Seminar

*Grade 12* AP Research**AP History Program**

*Grade 10* Social Studies 10/FI Social Studies 10

*Grade 11* Modern History 111/FI Modern History 111

*Grade 12* AP Euro History 120 & AP Comp. Politics

**AP Math Program**

*Grade 10* Numbers Relations Functions 10

Foundations of Math 110

*Grade* *11* Pre-Calculus 110

Pre-Calculus 120A/B

*Grade 12* Calculus 120  
AP Calculus 120

**AP Art Program**

*Grade 9* Visual Art 9

*Grade 10* Visual Art 10

*Grade 11* Visual Art 110

*Grade 12* Visual Art 120

AP Studio Art 120

**AP Biology Program**

*Grade 10* Chemistry 111

*Grade* *11* Chemistry 121

Biology 111

*Grade 12* Biology 121

AP Biology 120

**AP Chemistry Program**

*Grade 10* Chemistry 111

*Grade 11* Chemistry 121

AP Chemistry 120

**AP Physics Program**

*Grade 11* Physics 111

*Grade 12* Physics 121

AP Physics 120

***Please note:***

1. ***The AP track begins in Grade 10.***
2. ***AP exams are written in grades 11/12 in the month of May.***



**AP Capstone Diploma Program**

St. Malachy’s Memorial High School is ***among the few*** Canadian high schools,

and the ***first school in Atlantic Canada***, to offer the new AP Capstone Diploma Program.

**What is AP Capstone?**

* AP Capstone is an innovative diploma program that provides students with an opportunity to engage in rigorous scholarly practice of the core academic skills necessary for successful university completion.
* AP Capstone is built on the foundation of two courses - **AP Seminar** and **AP Research-** and is designed to complement and enhance the in-depth, discipline-specific study provided through AP courses.
* AP Capstone cultivates curious, independent, and collaborative scholars and prepares them to make logical, evidence-based decisions.

**The Advantages of AP Capstone include:**

* Fosters the **critical and creative thinking, argumentation,** and **research skills** that are at the core of university readiness and essential for lifelong learning.
* Provides a setting to build on the knowledge and rigorous course work of AP in an **interdisciplinary** format.
* Offers students a unique opportunity to **distinguish** themselves to colleges and universities.

*Option 1:* ***AP Capstone Diploma***

*4 AP Subject Courses\* (Grade 11 & 12)*

*AP Seminar\* (Grade 11)*

*AP Research\* (Grade 12)*

***AP Seminar - Course Description***

Students will examine materials such as news stories, research studies, and literary works to craft arguments to support a point of view and communicate them effectively through the use of various media. Students will consider an issue from multiple perspectives, evaluate the strength of an argument, and make logical, fact-based decisions. Students will be assessed through a combination of individual and team projects and presentations as well as through a written exam.

*Option 2:* ***AP Capstone Certificate***

*AP Seminar\* (Grade 11)*

*AP Research\* (Grade 12)*

***AP Research - Course Description***

Students will work with a mentor in order to explore an academic topic, problem, or issue that interests them and design, plan, and conduct a year-long research-based investigation to address it. The course culminates in an academic thesis paper of approximately 5,000 words and a presentation, performance, or exhibition with an oral defense; where you answer 3-4 questions from a panel of trained evaluators.

***\*Students must attain an AP grade of 3 or higher to be eligible for the diploma/certificate.***

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| *Potential High School Math Pathways* | | | | |
|  | ***Finance & Workplace Math Pathway*** | ***Foundations of Math Pathway*** | ***Pre-Calculus Pathway*** | ***Advanced Placement Pathway*** |
| ***Grade 10*** | ***Geometry Measures & Finance 10*** | ***Geometry Measures & Finance 10*** | ***Geometry Measures & Finance 10*** | ***Geometry Measures & Finance 10 and Numbers, Relations & Functions 10 (1st Sem)***  ***Foundations of Math 110 (2nd Sem)*** |
|  | ***Numbers, Relations & Functions 10*** | ***Numbers, Relations & Functions 10*** |
| ***Grade 11*** | ***Finance & Workplace Math 110*** | ***Foundations of Math 110*** | ***Foundations of Math 110***  ***Pre-Calculus 110*** | ***Pre-Calculus 110 (Sem 1)***  ***Pre-Calculus 120A (Sem 2)***  ***Pre-Calculus 120B (Sem 2)*** |
| ***Grade 12*** | ***Finance & Workplace Math 120*** | ***Foundations of Math 120*** | ***Pre-Calculus 120A***  ***Pre-Calculus 120B***  ***Calculus 120 (Optional)*** | ***Calculus 120***  ***AP Calculus 120*** |
| ***Please note: Students should consult with Guidance about which pathway is appropriate for them and their intended educational pathway.*** | | | | |

French Immersion Students are required to complete 25% of their credit courses in French. This translates to a **minimum of 5 credit courses**.

* FI Language Arts 110
* FI Language Art 120
* FI Relations Fam 120
* FI Techniques de Communication 120
* FI Hist Mod 111
* FI Fds de Math 110
* FI Pre-Calc 110
* FI/FSL World Issues 120
* FI Bio 112

Focus in Information Technology Certification (Core Courses + Area of Concentration)

* **Information Technology 120**
* **Business Organization and Management 120**

And a course for each area of concentration (below)

* Entrepreneurship
* Computer Science 110
* Cybersecurity & Tech Support 110
* Digital Productions 120

**Full Course Listing for Reference**

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| *Geometry Measurement and Finance 10* |
| *Number Relations and Functions 10* |
| *Financial & Workplace Mathematics 110* |
| *Financial & Workplace Mathematics 120* |
| *FI Foundations of Mathematics 110* |
| *FI Pre-Calculus 110* |
| *Foundations of Mathematics 110* |
| *Pre-Calculus 110\** |
| *Pre- Calculus A 120\** |
| *Pre-Calculus B 120\** |
| *Foundations of Mathematics 120* |
| *Calculus 120* |
| *AP Calculus 120* |
| AP Seminar |
| English 111 |
| English 112 |
| English 113 |
| English 121 |
| English 122 |
| English 123 |
| AP English Language Arts |
| Journalism 120 |
| Media Studies 120 |
| Canadian Literature 120 |
| Reading Tutor 120 |
| Writing 110 |
| AP Research (Grade 12 Only) |
| Biology 111 |
| Biology 112 |
| Biology 121 |
| Biology 122 |
| AP Biology 120 |
| Chemistry 111 |
| Chemistry 112 |
| Chemistry 121 |
| Chemistry 122 |
| AP Chemistry 120 |
| Human Physiology 110 |
| Intro to Environmental Science 120 |
| *Physical Geography 110* |
| *Physics 111* |
| *Physics 112* |
| *Physics 121* |
| *Physics 122* |
| *AP Physics 120* |
| *Psychology 120* |
| **Modern History 111** |
| **Modern History 112** |
| **Modern History 113** |
| **FI Mod History 111** |
| **AP Comparative Politics** |
| **AP European History 120** |
| **Canadian Geography 120** |
| **Canadian History 121** |
| **Canadian History 122** |
| **Political Science 120** |
| **Law 120** |
| **Sociology 120** |
| **World Issues 120** |
| Business Org and Management 120 |
| Information Technology 120 |
| Computer Science 110 |
| Computer Science 120 |
| Digital Productions 120 |
| Cybersecurity & Tech Support 110 |
| Cyber Security 120 |
| Framing & Sheathing 110 |
| Metals Processing 110 |
| Metals Fabrication (Welding) 110 |
| Robotics & Auto Tech 120 |
| Economics 120 |
| Hosp & Tourism 110 |
| Intro to Accounting 120 |
| Intro to Appl Tech 110 &  Mill and Cabinet 120 (2 Cr) |
|
| Intro to Electronics 110 |
| Culinary Technology 110 &120 |
| **Entrepreneurship 110** |
| **Individual and Family Dynamics 120** |
| **Fine Arts 110 \*online learning** |
| **Graph Art & Design 110** |
| **Music 111** |
| **Music 112** |
| **Music 122** |
| **Dramatic Arts 110** |
| **Dramatic Arts 120** |
| **Visual Art 110** |
| **Visual Art 120** |
| **AP Studio Art** |
| **Wellness in Physical Education 110** |
| **Co-Op 120 (2 Credits)** |
| **Co-Op 120 (3 Credits)** |
| **IDEA CENTRE– Connexion Works Program with Mr. Van Beek** |
|
| **Outdoor Education 110** |
| **Physical Education (Leadership) 120** |
| **Nutr Health Living 120** |
| FI Biology 112 |
| FI Language Arts 110 |
| FI Language Arts 120 |
| FI Techniques de Communications 120 |
| FI Relations Fam 120 |
| FI World Issues 120 |
| AP French Language 120 |
| Post Intensive French 110 (PIF) |
| Post Intensive French 120 (PIF) |
| Spanish 110 \*online learning |
| Spanish 120 \* online learning |

Students are expected to choose 10 courses each year with two alternate courses in case their first choice is not available.

*Note: English 10 and 11 courses are full year courses and make up two of your ten choices.*

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|  | **Grade 10** | **Grade 11** | **Grade 12** |
| **1** | **English \_\_\_** | **English \_\_\_** | **English \_\_\_** |
| **2** | **English \_\_\_** | **English \_\_\_** |  |
| **3** | **GMF 10** |  |  |
| **4** | **NRF 10** |  |  |
| **5** | **Social Studies 10** |  |  |
| **6** | **French 10**  **(PIF or FILA)** |  |  |
| **7** | **BBT 10** |  |  |
| **8** |  |  |  |
| **9** |  |  |  |
| **10** |  |  |  |
| **ALT** |  |  |  |
| **ALT** |  |  |  |

**\*\* Students will be responsible for the input of their course selection in PowerSchool\*\***

**Parent/ Guardian Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Date: ­­­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**