MURDOCH MACKAY COLLEGIATE

GRADE 10-12 COURSE SELECTIONS 2024-2025

**Name**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Grade Going Into:**  \_\_\_\_\_\_ **Cell Number** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Students graduating in June 2025 will need**:

* + **30** credits for an English Program and/or Technical Education (compulsory + required technical credits) diploma

# INSTRUCTIONS

1. Read your Program Guide for course descriptions. Registration will take place online – information to follow.
2. Discuss your plans with your parent(s)/guardian(s); school counsellor, teachers and teacher advisor.
3. Register (X) for any compulsory courses you have **not passed** in previous year(s).
4. Register (X) for next year’s compulsory courses.
5. Register (X) for technical/optional courses
6. Please select 2 alternates (mark as A1 or A2), in case, your first choices are not available. Please note that courses will be offered based on registration and available staffing.
7. Grade 10 students must register for 8 courses.
8. Grade 10-12 students **may not** register for Grade 9 option courses.
9. Refer to the Program Guide to ensure you have the necessary prerequisite(s) for each course.

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| **GRADE 9 COMPULSORY COURSES** (Register for any compulsory courses you will not have passed by June.) |
| English 10F \_\_\_\_ Math 10F \_\_\_\_\_ Canada in the Contemporary World 10F \_\_\_\_\_  Science 10F \_\_\_\_ Physical Education 10F \_\_\_\_ |

**GRADE 10 COMPULSORY COURSES** (Register for any compulsory courses you will not have passed by June.)

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| **One of:**  Geography 20F \_\_\_\_ | **One of:**  English 20F \_\_\_\_\_ | **One of**:  Science 20F \_\_\_\_ | **One of:**  \*Appl. & PreCal 20S \_\_\_\_\_  Essential Math 20S \_\_\_\_\_  \*Recommended prerequisite for 30S Chemistry, Physics, Advanced Math |
| Phys Ed 20F \_\_\_\_ |

**GRADE 11 COMPULSORY COURSES** (Register for any compulsory courses you will not have passed by June.)

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| **One of:**  English Lit. Focus 30S Adv \_\_\_\_  English Lit. Focus 30S \_\_\_\_  English Comp. Focus 30S \_\_\_\_  English Trans. Focus 30S \_\_\_\_    **One of:**  Fitness 30F – PEH30F \_\_\_\_\_  Wellness 30F PEH30FWW \_\_\_  Outdoor 30F PEH30FOE \_\_\_\_  Leadership 30F – PEH30FLS \_\_\_ | **One of:**  Essential Math 30S \_\_\_\_    \*Math Pre-Calculus 30S \_\_\_\_  \*Applied Math 30S \_\_\_\_  \*Math Pre-Calculus 30S  Advanced \_\_\_\_  And Math Pre-Calculus 40S \_\_\_\_  \*Recommended prerequisite  for 40S Chemistry or Physics | **One of:**  History 30F \_\_\_\_\_  History 30F  Advanced \_\_\_\_\_ | Science 30S \_\_\_\_  \* Biology 30S \_\_\_\_  \* Biology 30S Adv \_\_\_\_  \*Chemistry 30S \_\_\_\_  \*Chemistry 30S Adv \_\_\_\_  \*Physics 30S \_\_\_\_  \*Physics 30S Adv \_\_\_\_  \* Recommended prerequisite for taking 40S Chemistry, Physics or Biology |

**GRADE 12 COMPULSORY COURSES** (Register for any compulsory courses you will not have passed by June.)

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| **One of:**  English Comprehensive Focus 40S \_\_\_\_  English Transactional Focus 40S \_\_\_\_  English Literary Focus 40S \_\_\_\_  English Literature 40S Advanced \_\_\_\_ | **One of**:  Math Pre-Calculus 40S \_\_\_\_\_  Applied Math 40S \_\_\_\_\_  Essential Math 40S \_\_\_\_\_ | Register for: 2 additional Grade 12 courses  **Please note:**  **Graduating students must have 3 compulsory courses (English, Math, Phys Ed) plus 2 optional courses at the Grade 12 level**  **Students going to University must have 6 courses at the 40S level** |
| **One of**:  Fitness 40F – PEH40F \_\_\_\_\_ Wellness 40F - PEH40FWW \_\_\_\_\_  Outdoor 40F – PEH40FOE \_\_\_\_\_  Leadership 40F – PEH40FLS \_\_\_\_\_ |

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| Visual Art 20S \_\_\_\_  Visual Art 30S \_\_\_\_  Visual Art 40S \_\_\_\_  Guitar 20S \_\_\_\_\_  Guitar 30S \_\_\_\_\_  Guitar 40S \_\_\_\_\_ | Band 20S \_\_\_  Band 30S \_\_\_  Band 40S \_\_\_  Jazz Band 20S \_\_\_  Jazz Band 30S \_\_\_  Jazz Band 40S \_\_\_ | Choir 20S \_\_\_  Choir 30S \_\_\_  Choir 40S \_\_\_  Music Production 20S \_\_\_  Music Production 30S \_\_\_  Music Production 40S \_\_\_ | Drama 20S \_\_\_\_  Drama 30S \_\_\_\_  Drama 40S \_\_\_\_ |
| Computer Science 20S \_\_\_\_  Computer Science 30S \_\_\_\_  Computer Science 40S \_\_\_\_ | Graphics 20G \_\_\_\_  Graphics 30G \_\_\_\_  Graphics 40S \_\_\_\_  Multimedia40S \_\_\_\_ | Electronics 20G \_\_\_\_  Electronics 30G \_\_\_\_  Electronics 40S \_\_\_\_ | Drafting Design 20G \_\_\_\_  Drafting Design 30S \_\_\_\_  Drafting Design 40S \_\_\_\_ |
| Family Studies 20S \_\_\_\_  Family Studies 30S \_\_\_\_  Family Studies 40S \_\_\_\_ | Food & Nutrition 20S \_\_\_\_  Food & Nutrition 30S \_\_\_\_  Food & Nutrition 40S \_\_\_\_ | French 20F \_\_\_\_  French 30S \_\_\_\_  French 40S \_\_\_\_ | Psychology 40S \_\_\_  Psychology 42S (AP) \_\_\_ |
| Current Topics in  First Nations, Metis  and Inuit Studies 40S \_\_\_\_  42AP European History \_\_\_ | Global Issues 40S \_\_\_\_\_  Canadian Law 40S \_\_\_\_\_ | Woods 20G \_\_\_\_  Woods 30G \_\_\_\_  Woods 40S \_\_\_\_  Solid Body Electric  Guitar Building 40S \_\_\_\_  (Applied Technology 40S) | Biology 40S \_\_\_\_  42AP Biology \_\_\_\_  Chemistry 40S \_\_\_\_  Chemistry Adv 40S \_\_\_\_  42AP Chemistry \_\_\_\_  Physics 40S \_\_\_\_  42AP Physics 1 \_\_\_\_ |
| 42AP Calculus AB \_\_\_\_  42AP English Literature and Composition \_\_\_\_ | Digital Pictures 25S &  Digital Film Making 25S \_\_\_\_\_  DP25S & DFM25S  Interactive Websites &  Interactive Media 35S \_\_\_\_\_\_  IW35S & IM35S | Life/Work Building 30S \_\_\_\_  (Career Development)  Life/Work Transition 40S \_\_\_  Career Development  Internship 40G \_\_\_  **Both courses must be taken (2 credits)** | **sTEAM**  Grade 10 \_\_\_\_ 3 credits  Grade 11 \_\_\_\_ 2 credits  Grade 12 \_\_\_\_ 3 credits |

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| AUTOMOTIVE TECHNOLOGY **Gr.10** Automotive Systems & Services 20S \_\_\_\_\_  Chassis Fundamentals & Service 30S \_\_\_\_\_  **Gr.11** Engine Fundamentals & Service 30S \_\_\_\_\_  Drive Train Fundamentals & Service 30S \_\_\_\_\_  Vehicle Systems Part 1 40S \_\_\_\_\_    **Gr.12**: Vehicle Systems Part 2 40S \_\_\_\_\_  Applied Diagnostic Strategies 40S \_\_\_\_\_  Automotive Electrical Systems 40S \_\_\_\_\_ | **FASHION TECHNOLOGY**  **Gr.10**  Intro Fashion Design & Technology 20S \_\_\_\_  Knitwear Design & Construction 30S \_\_\_\_  **Gr.11** Pant Design & Construction 30S \_\_\_\_  Semi-Formal Wear Design & Construction 30S \_\_\_\_  Applied Textile Design 40S \_\_\_\_  **Gr.12** Tailored Garment Design & Construction 40S \_\_\_\_  Formal Wear Design & Construction 40S \_\_\_\_  Applied Fashion Entrepreneurship 40S \_\_\_\_ |
| **CARPENTRY**  **Gr.10**  Carpentry Fundamentals 20S \_\_\_\_  Carpentry Tools & Equipment 30S \_\_\_\_  **Gr.11** Framing 30S \_\_\_\_  Interior/Exterior Finishing 30S \_\_\_\_  Surveying & Concrete 40S \_\_\_\_  **Gr.12** Advanced Framing 40S \_\_\_\_  Carpentry Millwork 40S \_\_\_\_  Applied Carpentry 40S \_\_\_\_  **CARPENTRY (LATE ENTRY)**  **Gr.11**  Carpentry Fundamentals 20S \_\_\_\_  Carpentry Millwork 40S \_\_\_\_  Framing 30S \_\_\_\_  Surveying & Concrete 40S \_\_\_\_ | **METALS & AEROSPACE**  **Gr.10** Lathe Operations & Grinding I 30S \_\_\_\_\_  Milling Operations I 30S \_\_\_\_\_  **Gr. 11** Bench Metals 20S \_\_\_\_\_  Drill Press & Metal Cutting Saws 30S \_\_\_\_\_  Lathe Operations & Grinding II 40S \_\_\_\_\_  **Gr.12**  CNC Machining 40S \_\_\_\_\_  Applied Machine Manufacturing 40S \_\_\_\_\_  Milling Operations II 40S \_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  **WELDING TECHNOLOGY**  **Gr.10** Introduction to Welding 20S \_\_\_\_\_  Basic GMAW Procedures 30S \_\_\_\_\_  **Gr.11** Metal Design Fabrication Oxy-Acetylene 30S \_\_\_\_\_  Basic SMAW Procedures 30S \_\_\_\_\_  Advanced GMAW Procedures 40S \_\_\_\_\_  **Gr. 12** Advanced SMAW(ARC) Procedures 40S \_\_\_\_\_  Advanced Metal Design Fabrication 40S \_\_\_\_\_  Applied Specialties & Qualifications 40S \_\_\_\_\_ |

**Parent/Guardian Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**