**MAST Academy**

**A Nationally Recognized School of Excellence**

 **Charting a Course**

**High School Cambridge Program C/O 2022**

When you embark on any journey it is important that you take time not only to pick a destination but to chart a course that gets you there. Along the way hazards will often steer you off course. These hazards are the reason we periodically review and make adjustments to our course ensuring our heading takes us to our desired destination. An academic journey is no different. Your goal is to successfully graduate MAST Academy with a Cambridge AICE Diploma. The charts below outline the classes you will be taking during the next four years and how they help you move towards the AICE Diploma.

**Student Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Student ID#: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| **English (4 Required @MAST)** |
| **9th** | **English I H** |
| **10th** | **English II H** | **OR** | **English Language AS** |
| **11th** | **English III H** | **OR** | **English Language AS** | **English Language A** |
| **12th** | **English IV H** | **English Language A** | **English Literature AS** |

**\* For the AICE Diploma students MUST take and pass the Spanish A Level exam if they do not take and pass either English Language AS or English Language A**

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| **History (Minimum of 3 Required @MAST)** |
| **9th** | **World History Honors** | **OR** | **AP Human Geography** |
| **10th** | **No Course Required if World History taken in 9th Grade** | **World History H** | **OR** | **AP World History** |
| **11th** | **AICE US History AS** |
| **12th** | **Honors Government /Pre-AICE Economics** | **OR** | **AP Government/Pre-AICE Economics** |

**\* AP European History & AICE US History A Level Available as Electives**

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| **Math (4 Required @MAST)** |
| **\_\_\_\_ Algebra 1 EOC Passed \_\_\_\_ Geometry EOC Passed****\_\_\_\_ 4 Math Courses Completed @ MAST** |

**\* See Math Progression Chart for class sequence.**

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| **Science (4 Required @MAST)** |
| **\_\_\_\_ Biology EOC Passed \_\_\_\_ Chemistry Class Passed****\_\_\_\_ 4 Science Courses Completed @ MAST** |

**\* See Science Progression Chart for class sequence.**

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| **Mandatory Electives** |
| **\_\_\_\_** | **Fine Arts** |
| **9th** | **Swimming I & Personal Fitness** |
| **10th** | **Thinking Skills AS** |
| **11th** | **Global Perspectives AS** |
| **Electives of Choice (Recommended Sequence)** |
| **9th** | **Foreign Language** | **Elective of Choice** |  |
| **10th** | **Foreign Language** | **Fine Arts Credit** | **AS Course** |
| **11th** | **Foreign Language** | **Elective of Choice** |  |
| **12th** | **Elective of Choice** | **Elective of Choice** | **Elective of Choice** |

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| **Minimum AICE Diploma Requirement** |
| **Group 1 -Mathematics and Science** | **1st AS Science (Junior or Senior Year)** | **\_\_\_\_\_\_ General Paper (taken Junior year)****\_\_\_\_\_\_ Additional AICE Course from any Group****\* If Spanish A is used to meet the Group 2 requirement instead of English Language AS, 1 of these requirements may also be used by that exam.** |
| **Group 2 – Languages** | **English Language AS or Spanish A (2 Credits)** |
| **Group 3 - Arts and Humanities** | **AS US History** |
| **Group 4** | **AS Thinking Skills** |
| **Core** | **AS Global Perspectives** |
| **\* This chart assumes the awarding of grades on the respective AICE Course Exams.** |

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| **Sample Course Sequence** |
|  | **English** | **Mathematics** | **Science** | **Social Studies** | **Mandatory** | **Elective of Choice** | **Elective of Choice** | **Elective of Choice** |
| Checkmark |  | Checkmark |  | Checkmark |  | Checkmark |  | Checkmark |  | Checkmark |  | Checkmark |  |  |
| **9th Grade** |  | English |  | Math |  | Science |  | History |  | Swimming & Personal Fitness |  | Foreign Language |  | Elective of Choice |  |
| **10th Grade** |  | English |  | Math |  | Science |  |  |  | AS Thinking Skills |  | Foreign Language  |  | AS Marine Science or AS Environmental Management | Elective of Choice |
| **11th Grade** |  | English |  | Math |  | AS Science |  | AS US History |  | AS Global Perspectives |  | Foreign Language |  | Fine Art Elective |  |
| **12th Grade** |  | English |  | Math |  | AS Science |  | History |  |  |  | AS Course |  | Elective of Choice | Elective of Choice |

We are a registered school of Cambridge Assessment International Education, part of the University of Cambridge. Through Cambridge International’s programme we prepare students for life, helping them develop an informed curiosity and a lasting passion for learning. The Cambridge Pathway gives students a clear path for educational success. We shape its curriculum around how our students learn – with a wide range of subjects and flexible ways to offer them. The Cambridge Pathway helps students discover new abilities and a wider world, and gives them the skills they need for life, so they can achieve at school, university and work.