



# Pathways Map & Graduation Requirements

*Board Approved, May 2025*

At Greenspire High School, all 9th and 10th grade students participate in required Michigan Merit Curriculum Courses. When they approach their 11th grade year, the coursework will depend heavily on their pathway selection: Early Middle College, Ethical and Environmental Studies, or Career Tech Center. It is at this level that students focus on their interests and future goals. We strive to individualize programming whenever possible to meet the needs, skills, and interests of our students.

## Graduation Requirements

English Language Arts	4 credits	Digital Arts and Technology I & II	1 credit
Mathematics	4 credits	Pathway Seminar/Electives	2 credits
Social Studies	4 credits	Outdoor Physical Education	1 credit
Science	4 credits	Health Education	0.5 credit
World Language	2 credits		
2 Week Internship- 11th Grade	CR		

Twenty-two and a half credits (22.5) is the minimum requirement for graduation. All courses must be taken at the school (or a school that the school recognizes in case of transfers), or through dual-enrollment courses at NMC. 3-credit & 4-credit 16-week college courses are awarded 0.5 HS credits. 3/4 credit courses with a 1 credit lab, 5-credit courses, and above 16-week college courses are awarded 1 HS credit. All GHS students must participate in a 2-week workplace internship in May of their 11th grade year. The Michigan Revised School Code requires MI students entering 8th grade in 2023 to complete a 1/2 credit course in personal finance that meets math subject area content expectations, starting with the Class of 2028.

## 9th Grade Courses

Algebra I, Geometry\*, or Algebra II  
Exploratory Pathway Seminar  
US History  
American Literature  
Biology  
Art Exploration and Outdoor Physical Education Block  
Spanish I\*\*  
Personal Contract Learning\*

## 10th Grade Courses

Geometry, Algebra II\*, or Trig/Pre-Calculus\*  
World History  
World Literature  
Digital Arts and Technology I & II  
Health  
Chemistry  
Spanish II\*\*/\*  
**NMC EDU 100- College Success Course or PSY 100- Career Exploration & Planning\*\*\***  
Outdoor Education Courses\*\*\*  
Electives or Personal Contract Learning based on Pathway\*

\* Prerequisites and/or Administrative Approval required

\*\* Other online options also available




\*\*\* Optional depending on pathway

**Yellow** = NMC Course      **Black** = Greenspire General Studies Course

*All courses listed on this document are subject to change. Changes are based on NMC course availability, GHS teacher certifications, GHS or NMC program/pathway changes, and GHS curriculum adaptations. We cannot guarantee that our program will follow this exact course schedule and/or offerings.*

## 11th Grade Courses

### Pathways Begin

<b>Early Middle College</b>  5 Year Program	<b>Ethical &amp; Environmental Studies</b> 	<b>Career Tech Center</b> 
<i>Refer to the appropriate EMC pathway/course sequence document for NMC Courses.</i>	Spanish III*/** Fine Art Personal Contract Learning* <b>Nature, Exploration, and Recreation</b>	Coursework @CTC  WL Credit achieved within the CTC program
Associate in Science and Arts (ASA)	Full Time 2 Week Environmental Internship- MAY	Part Time 2 Week Internship in related field- MAY
Engineering Technology / Marine Technology, Associate of Applied Science	Algebra II, Trig/Pre-Calc, or <b>MTH 105</b>	<b>Math Credit achieved within CTC Program</b> or Algebra II or Pre-Calculus Course
	Civics/Economics	Civics/Economics
	English 11: Technical Writing or <b>NMC English Course</b>	<b>ELA Credit achieved within CTC Program</b> or English 11: Technical Writing
	Physics	Physics
	Elective Choice- .25CR/Sem	Elective Choice- .25CR/Sem
	<b>Environmentally Focused Field Friday Experience</b>	Field Friday Experience

*Additional electives will be assessed and assigned based on student programming needs*

**KEY**

\* = Prerequisites and/or Administrative Approval required

\*\*= other online options also available




**Yellow** = Northwestern Michigan College Course

**Green** = Greenspire Studies Course

**Bright Blue**= Career Technology Center Course

**Black** = Greenspire General Studies Course

## 12th Grade Courses

<b>Early Middle College</b>  5 Year Program	<b>Ethical &amp; Environmental Citizenship</b> 	<b>Career Tech Center</b> 
<i>Refer to the appropriate EMC pathway/course sequence document for NMC Courses.</i>	Spanish IV*/** <i>optional</i> Fine Art Personal Contract Learning* <b>Nature, Exploration, and Recreation</b>	<b>Coursework @CTC</b>  Spanish IV*/** <i>optional</i>
Associate in Science and Arts (ASA)	<b>MTH 111, 121</b> , Personal Finance, Pre-Calculus, Calculus	<b>Math Credit achieved within CTC Program</b>
Engineering Technology / Marine Technology, Associate of Applied Science	ENG 12: English Capstone or <b>Eng 111, ENG 112</b>	<b>ELA Credit achieved within CTC Program</b>
	<b>History and Ethics of Environmentalism/Global Citizenship</b>	History and Ethics of Environmentalism/Global Citizenship
	<b>Environmental Science</b>	Environmental Science
	Elective Choice- .25CR/Sem	Elective Choice- .25CR/Sem
	<b>Environmentally Focused Field Friday Experience</b>	Field Friday Experience

*Additional electives will be assessed and assigned based on student programming needs*

**KEY**

\* = Prerequisites and/or Administrative Approval required

\*\* = other online options also available

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**Green** = Greenspire Studies Course

**Bright Blue** = Career Technology Center Course

**Black** = Greenspire General Studies Course

## 13th Year Early Middle College Courses

All Early Middle College (EMC) students are required to participate in a 13th year of coursework due to the rigor of these courses. At the end of the 13th year, students receive a GHS diploma and an NMC Associate's Degree in their field of study.

All EMC students participate in their GHS senior year events during their 12th grade year. During the 13th year, they spend their time at NMC, only taking one required course through GHS.

*Refer to the appropriate EMC pathway/course sequence document for NMC courses.*

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