

The Maritime  
Academy of Toledo

The Maritime  
Academy  
Academic  
Program

Superintendent

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**Vision:**

*It is the vision of the Maritime Academy of Toledo to shape future leaders by developing strong character and innovative minds.*

**Mission:**

*It is the mission of the Maritime Academy of Toledo to provide students with rigorous Academic Pathways, towards college or career, with a personalized learning experience.*

Mission of the Maritime Academy of Toledo	
<b>Students</b>	
All decisions made at the Maritime Academy should be based upon a “students first” philosophy. Our number one mission is to raise student achievement to prepare successful adults.	
<b>Rigorous Academic Pathways</b>	
The Maritime Academy of Toledo has multiple academic pathways and will continue to develop unique pathways that increase student ownership over learning.	
<ol style="list-style-type: none"> <li>1). College Prep Pathway</li> <li>2). Career Tech Pathway               <ol style="list-style-type: none"> <li>A). Maritime Occupations</li> <li>B). Culinary</li> <li>C). Marine Environmental Science</li> </ol> </li> <li>3). Applied Pathway</li> </ol>	
<u>Future Pathway(s)</u>	
<ol style="list-style-type: none"> <li>1). Military Pathway</li> </ol>	
<b>College and career</b>	



# THE MARITIME ACADEMY OF TOLEDO | *freedom to succeed*

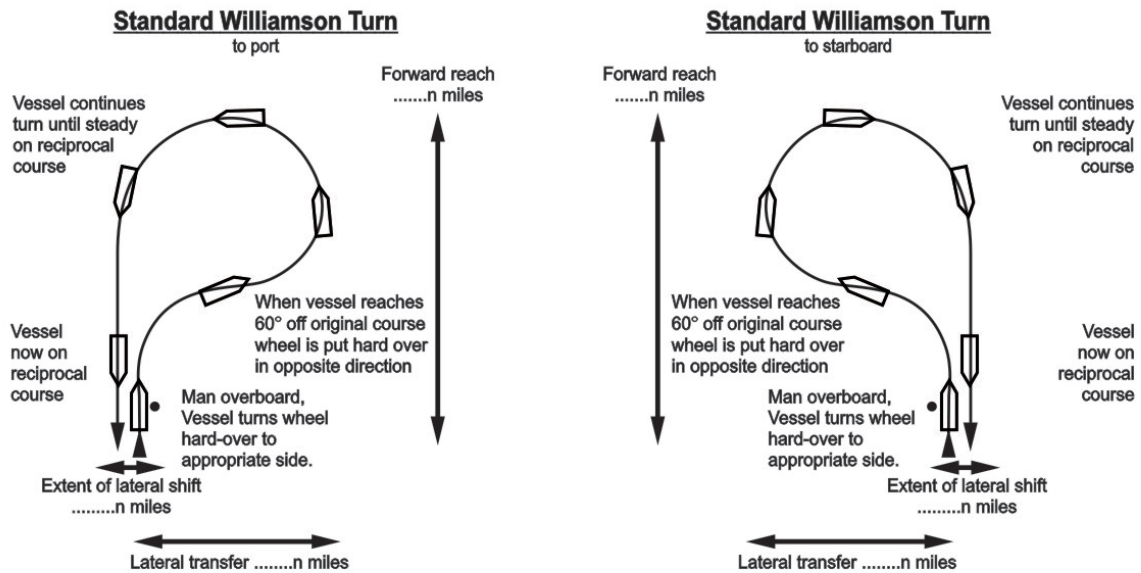
The ultimate goal of any educational institution is to provide a path to skills and knowledge necessary to prepare students for college admission or a successful career. Our goal is to provide 100% of students with the opportunity to obtain a career after graduation.

## Personalized Learning Experience

The major difference between the Maritime Academy of Toledo and some other schools is the personalized experience that students receive. Personalized learning may also be called *student-centered learning*, since the general goal is to make individual learning needs the primary consideration in important educational and instructional decisions, rather than what might be preferred, more convenient, or logistically easier for teachers and schools.

In the Navy, a Williamson Turn is a maneuver used to bring a ship or boat under power back to a point it previously passed through, often for the purpose of recovering a man or woman who had fallen overboard. It is common knowledge that the United States Military will never leave anyone behind without, first, expending a large amount of resources. As you see in the image:

## WILLIAMSON TURN



**Performance may differ from these records due to environmental, hull and loading conditions**

At the Maritime Academy of Toledo we vow to do everything possible to never leave a student behind academically. When the Navy performs a Williamson Turn the original mission does not change but they take time to rescue a sailor. They have a strategic plan with a succinct set of steps to rescue and support the sailor that fell overboard. Our academic standards will not change or get easier but we will take time to "rescue" a student and provide the proper support.



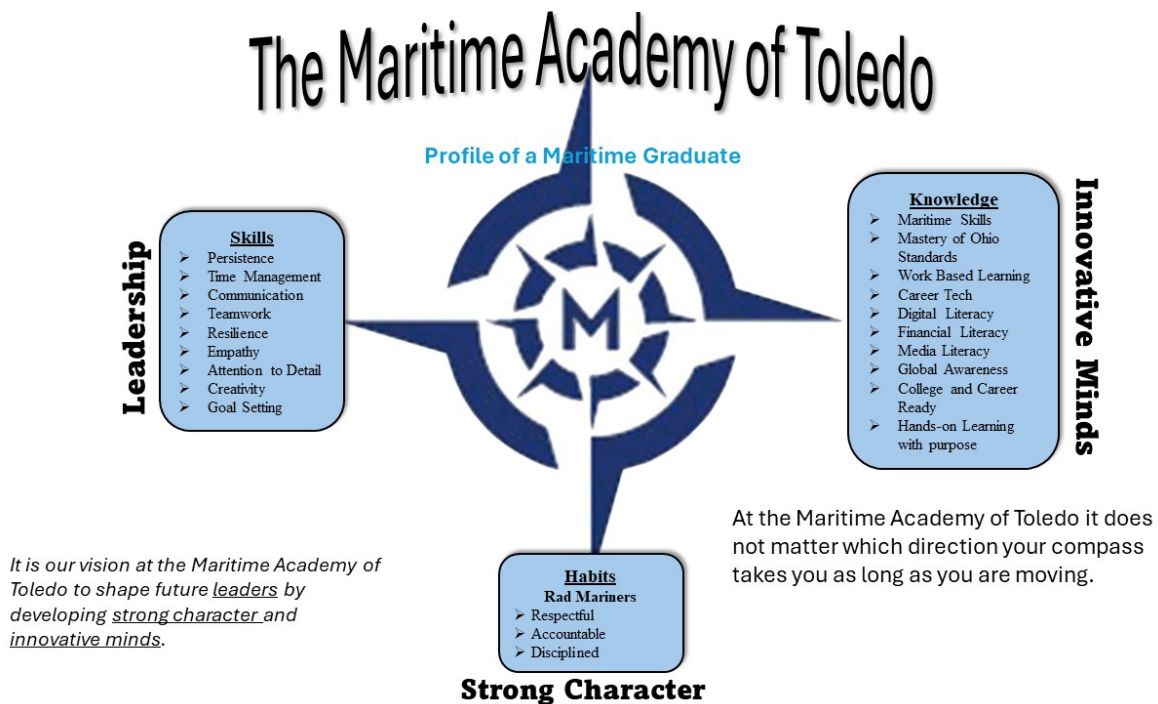
## STUDENTS

### Profile of a Maritime Academy Graduate

At the Maritime Academy of Toledo our vision emphasizes the education of the “whole child” focusing on many traits that will determine future success beyond just academic test scores.

We believe that the success of every Maritime graduate depends on the possession of a variety of skills, habits, and knowledge.

The skills displayed below help determine the goals and objectives of the Maritime Academy academic curriculum.



### The Cohorts of Maritime

6th-8<sup>th</sup> grade Welcome ABOARD Cohort: The Welcome ABOARD (6-8th grade) cohort focuses on students learning about different career opportunities and the beginning stages of defining a career path. The cadets in the 6-8 cohort will also learn the “Maritime Way” concerning uniforms, discipline, and empathy.



9<sup>th</sup>-10<sup>th</sup> grade Charting Your Course Cohort:

The cadets in the 9th and 10th grade cohort will begin by making graduation plans and explore career tech opportunities. Both the 9<sup>th</sup> and 10<sup>th</sup> grade will also learn the importance of earning a credit in each class and how important it is to stay on track and not fall behind. At the end of the 10<sup>th</sup> grade year cadets will complete a capstone and choose their academic pathway.

11<sup>th</sup>-12<sup>th</sup> grade Setting Sail Cohort:

## Academic Pathways

Academic Pathways	
College Prep Pathway	<ol style="list-style-type: none"> <li>1). The College Prep Pathway provides an academically intensive curriculum in preparation for college.</li> <li>2). Cadets in this pathway should be able to obtain an Academic Honors Diploma. For information see: <a href="http://education.ohio.gov/Topics/Ohio-s-Graduation-Requirements/Honors-Diplomas/Academic-Honors-Diploma">http://education.ohio.gov/Topics/Ohio-s-Graduation-Requirements/Honors-Diplomas/Academic-Honors-Diploma</a>.</li> <li>3). Cadets must maintain a 3.5 GPA or have references from at least 3 teachers.</li> <li>4). Cadets failing any class will be disqualified from continuing in the College Prep Pathway.</li> </ol>
Career Tech Pathway	<ol style="list-style-type: none"> <li>1). The Career Tech (CTE) Pathway provides a choice of enrolling in Maritime Occupations, Marine Environmental Science, or Culinary.</li> <li>2). Cadets in this pathway will graduate high school with credentials in chosen CTE program. (For Example: Culinary students can graduate with ServSafe certification.)</li> <li>3). Cadets can graduate with the Ohio Means Job Readiness Seal on their diploma. For information see: <a href="http://education.ohio.gov/Topics/New-Skills-for-Youth/SuccessBound/OhioMeansJobs-Readiness-Seal">http://education.ohio.gov/Topics/New-Skills-for-Youth/SuccessBound/OhioMeansJobs-Readiness-Seal</a>.</li> <li>4). Cadets can graduate with a Career Tech Honors Diploma with hard work and determination. For information see: <a href="http://education.ohio.gov/Topics/Ohio-s-Graduation-Requirements/Honors-Diplomas/Career-Tech-Honors-Diploma">http://education.ohio.gov/Topics/Ohio-s-Graduation-Requirements/Honors-Diplomas/Career-Tech-Honors-Diploma</a>.</li> </ol>



	<p>5). Cadets can only change their Career Tech program choice during their Sophomore Year.</p> <p>6). A requirement of the CTE Pathway are classes at Owens Community College &amp; on the job internships.</p>
Applied Pathway	<p>1). The Applied Pathway provides extra support for Language Arts and Math.</p> <p>2). The majority of the classes will provide hands-on learning when possible.</p> <p>3). This pathway is the best fit for students who plan to obtain a job right after high school.</p> <p>4). Applied Math (Senior Year) is the equivalent of Algebra 2.</p> <p>5). The minimum number of credits to graduate is 22 but must be in required courses.</p>

Courses subject to change based upon staffing and availability of certified teachers.

Course Requirements College Prep Pathway			
Year 1 (Freshman)	Year 2 (Sophomore)	Year 3 (Junior)	Year 4 (Senior)
<b>Language Arts</b>			
English 1	English 2	English 3	English 4
<b>Mathematics</b>			
Algebra 1	Geometry	Algebra 2	Pre-Calculus
<b>Science</b>			
Biology	Physical Science	Chemistry	Physics
<b>Social Studies</b>			
World Studies	American History	American History	Government/ Economics



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Electives			
1). Freshman Composition 2). Maritime Skills	1). Media Literacy 2). Fundamentals of Tech 3). Speech	1). Elective Choice 2). Psychology 3). Sociology	1). Senior Project 2). Elective Choice
Other Requirements			
1). Physical Education 2). Art	1). Spanish 1 2). Health	Spanish 2	Spanish 3

Course Requirements Career Tech Pathway			
Year 1 (Freshman)	Year 2 (Sophomore)	Year 3 (Junior)	Year 4 (Senior)
Language Arts			
English 1	English 2	English 3	English 4
Mathematics			
Algebra 1	Geometry	Algebra 2	Transition to College Algebra
Science			
Biology	Physical Science	Other Science	Other Science
Social Studies			
World Studies	American History	American History	Government/ Economics
Electives			
1). Media Literacy 2). Maritime Skills	1). Composition 2). Fundamentals of Tech	1). Elective Choice 2). Elective Choice	1). Senior Project 2). Professional Skills
Other Requirements			





1). Physical Education 2). Art	1). Health	N/A	N/A
<b>Career Tech</b>			
Maritime Skills	CTE Exploration	Year 2	Year 3

<b>Maritime Occupations</b>	<p>TMAT was the first Maritime High School in the U.S. to offer a Career Technical Education (CTE) Program in Maritime Occupations. It is a 4 year program with 9<sup>th</sup> graders taking a course called Maritime Skills, learning the basics of various maritime industries and its terminology, as well as having the chance to earn their Ohio Safe Boaters License. Further specialization is offered for 10<sup>th</sup> – 12<sup>th</sup> graders that decide to stay in the CTE program. Deck and Engine fundamentals are equally taught and cadets attend the local community college every Friday to learn welding, small engine repair, electrical and circuitry and diesel engines. This is combined with full semesters of seamanship skills, navigation, ships systems, boat building and other “maritime” core courses. Course work culminates as seniors as they may earn their Coast Guard certified STCW-BST credential. The senior cadets may receive their TWIC cards, US Passports and Merchant Mariner Credentials. This “job ready” approach have assisted several of our cadets in receiving job offers from various Great Lakes shipping companies and others have been admitted into the Great Lakes Maritime Academy, in Traverse City, Mi. Again, the bottom line for that program is opportunity, so the cadets in this program may earn several industry credentials and will graduate “job ready”.</p> <p><u>In School Internship:</u></p> <ul style="list-style-type: none"> <li>• Tall Ship Niagara – intern aboard the brig for a 2 – 3 week total immersion in sail training.             <ul style="list-style-type: none"> <li>- Prerequisites: Must compose various letters and have a letter of recommendation</li> </ul> </li> </ul> <p><u>Post Graduate Apprenticeship Opportunities:</u></p>
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	<ul style="list-style-type: none"> <li>• SIU (Seafarers International Union) – 9 month program for entry level candidates with promise of employment after program completion.             <ul style="list-style-type: none"> <li>- Prerequisites: Must be 18 years or older, have no criminal record, drug free, pass USCG physical</li> </ul> </li> <li>• STAR Center Engineering Tech Program – 24 month program that will advance the individual from entry level to 3<sup>rd</sup> Assistant Licensed Engineer             <ul style="list-style-type: none"> <li>- Prerequisites: Must pass an entry academic and aptitude selection screening, must be 18 years or older, a U.S. citizen, have no criminal record, drug free, pass USCG physical</li> </ul> </li> </ul>
<b>Culinary</b>	The culinary arts program prepares cadets for a career in food service, food management, or hospitality. The cadets earn certificates in ServSafe and ProStart, which will give them precedence in the Culinary industry.
<b>Marine Environmental Science</b>	The Marine Environmental Sciences CTE program is a 3-year program. The program aims to prepare students to either obtain positions in water treatment plants or pursue degrees in environmental science. There are many different careers related to environment science: environmental engineers, wildlife biologists, park rangers, community outreach, environmental law, research, etc. Year 1 focuses on natural resources. Students will take courses at The Source in leadership and supervision. Year 2 is an introduction to environmental sciences. The students will take an OSHA Safety course and an environmental sciences course at Owens. Year 3 is Wildlife Zoology and Fisheries. The students will take an environmental science lab and an environmental law class at Owens. The students will participate in many service projects including Clean Your Stream , Student Watershed Watch, and Get the Lead Out. Students will obtain an OSHA certificate and Ohio EPA approved certificates through OTCO.
Still in planning phase 2024-2025 Dental Assistant Program	More to come!!!

## Course Requirements Applied Pathway

<b>Year 1 (Freshman)</b>	<b>Year 2 (Sophomore)</b>	<b>Year 3 (Junior)</b>	<b>Year 4 (Senior)</b>
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Language Arts			
English 1	English 2	English 3	English 4
Mathematics			
Applied Algebra	Algebra 1	Applied Geometry	Applied Math
Science			
Biology	Physical Science	Other Science	Other Science
Social Studies			
World Studies	American History	American History	Government/ Economics
Electives			
1). Media Literacy 2). Maritime Skills	1). Composition 2). Elective Choice	1). Elective Choice	1). Senior Project 2). Elective Choice
Other Requirements			
1). Physical Education 2). Art	1). Health 2). Academic Success	1). Academic Success	1). Academic Success

(223-235 Students)	
2023-2024 School Year	
Baseline Salary Budgetary without Benefits	
Retirement and Insurance Benefits	
Federal Programs	
Revenues	
Title 1	202,738.30
Title 1 Non-Competitive	66,316.29
Title 2	11,471.01
Title 4	27,342.14



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IDEA Part B	122,632.88
Expanding Opportunities	29,137.55
<b>Foundation Payments</b>	

Leadership Staff	
Superintendent	Full Time
Treasurer	Part Time
Principal	Full Time
Business Manager	Full Time
Dean of Students	Full Time

6-8 Cohort	
ELA 6	Licensed 7-12 Language Arts teacher
ELA 7	Licensed 7-12 Language Arts teacher
ELA 8	Licensed 7-12 Language Arts teacher
Math 6 Math 7 Math 8	Long Term Substitute
Social Studies 6 Social Studies 7 Social Studies 8	Licensed Social Studies teacher
Science 6 Science 7 Science 8	Long Term Substitute
ELA/Math 6 Support ELA/Math 7 Support ELA/Math 8 Support	Not in Use

9-10 Cohort	
ELA 1 ELA 2	Long Term Substitute
Algebra 1 Applied Algebra Geometry	Long Term Substitute
American History	Licensed 7-12 Social Studies teacher



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Maritime Skills	
ELA 1 Support ELA 2 Support	Not in use
Algebra 1 Support Geometry Support	Not in use
Biology Physical Science	Long Term Substitute

11-12 Cohort	
ELA 3 ELA 4	Long Term Substitute
Algebra 2 Applied Geometry Applied Mathematics Transition to College Algebra Pre-Calculus	7-12 Mathematics Teacher Long Term Substitute
American History Government (.5) Economics (.5) Advanced Social Studies	7-12 Integrated Social Studies Teacher
Chemistry Advanced Science	7-12 Integrated Science Teacher
ELA 3 Support ELA 4 Support	Not in Use
Algebra 2 Support Senior Math Support	Not in Use

Title 1 Intervention	
Title 1 Reading Intervention	Not in Use

Career Tech	
Maritime Occupations	Career Tech Licensure
Marine Environmental Science	Career Tech Licensure
Culinary	Substitute Career Tech Licensure



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Electives	
Phys Ed 6 Phys Ed 7 Phys Ed 8 Phys Ed 9 (Not in Use)	Physical Education Teacher
Art 6 (Not in use) Art 7 (Not in use) Art 8 (Not in use) Art 9 Advanced Art	Art Teacher
WoodShop 1 WoodShop 2 WoodShop 3	Not in Use
Spanish 1 Spanish 2 Spanish 3	Not in Use
Culinary 7 Culinary 8 Culinary Skills	Not in Use
Environmental Science 7 Environmental Science 8 Environmental Science Skills	Not in Use
Computer 6 Computer 7 Computer 8 Fundamentals of Technology Advanced Technology	Not in Use
Shiphandling	IT Specialist

Special Education	
6-7 <sup>th</sup> grade	2 licensed Intervention Specialists
8 <sup>th</sup> -9 <sup>th</sup> grade	
10 <sup>th</sup> -12 <sup>th</sup> grade	

Service Staff	
Maintenance	1 Building Engineer
Maintenance	1 Custodian
Food Service	1 Cook



	1 Assistant
Secretary	1 Secretary
Security	Not in Use
Toledo Police	Full Time

## (2024-2025 School Year Academic Program)

### Staff Listing (250 Students)

Essential Question:

With an enrollment of 250 Maritime Cadets do we have the resources to accomplish the vision and mission, of the Maritime Academy of Toledo, to the fullest extent possible?

Leadership Staff	
Superintendent	Full Time
Treasurer	Part Time
Principal	Full Time
Business Manager	Full Time
Dean of Students	Full Time

Basic Information	
	250 Cadets
Student Numbers	250 Cadets 6 <sup>th</sup> Grade: 10 Cadets 7 <sup>th</sup> Grade: 20 Cadets 8 <sup>th</sup> Grade: 20 Cadets 9 <sup>th</sup> Grade: 50 Cadets 10 <sup>th</sup> Grade: 50 Cadets 11 <sup>th</sup> Grade: 50 Cadets 12 <sup>th</sup> Grade: 50 Cadets
Staff Numbers	23 Full Time Teachers 3 Part Time Teachers 4 Intervention Specialists



	3 Paraprofessionals
	1 School Psychologist
	1 Student Services Director (Formerly Mental Health Director)
	1 Social Worker
	1 IT Specialist
	1 Nurse
	1 Career Advisor
Support Staff	1 Secretary 1 EMIS Coordinator 1 Custodian 1 Building Engineer 2 Food Service Workers 1 Toledo Police Officer
Student-Teacher Ratio	10.9 students per teacher
Total Staff	49 (50 including Toledo Police)

### Financial

**Baseline Foundation Payment**

Student Count: 250 Cadets

Baseline Foundation Payment: \$9200 Minimum Foundation Payment for each Cadet

The minimum does not include Career Tech, Special Education or other additions.

250 \* \$9,200= \$2,300,000

Estimated Minimum Foundation Payment

\$2,300,000/12= **\$191,666.67 Monthly**- \$20,326(Retirement/Medicare)= **\$171,340.67**

**Staff Salaries**

\$2,147,850.20 estimate

\$2,147,850.2/12= \$178,987.52 Monthly

**Federal Programs for Certified Teachers**

Title 1: 4 language arts or math teachers: \$48,750 X 4= \$195,000/12= **\$16,250.00 Monthly**

IDEA Part B: 2 Special Education Teachers: \$52,000 X2= \$104,000/12= **\$8,666.67 Monthly**

16,250,00 + 8,666.67= \$24,916.67 Federal Programs Monthly

178,987.52- 24,916.67= **154,070.85 Monthly Salary from General Fund for Teachers Only**

General Fund Each Pay Period: **\$77,035.43** For Teachers only



**Administration, Support Staff Salaries**

\$403,000/12= \$33,583.33/2= \$16,791.67

**Retirement/Medicaid (Estimates)**

- 24 Full Time Teachers: 42,768 X .1545= \$6,607.66 X 24= **\$158,583.84** total benefits utilizing the average salary. (Note: This is a figure for planning purposes as the retirement and Medicare could be more based upon exact salaries.)
- 3 Paraprofessionals: \$35,000 X .1545= \$5,407.5 X 3= **\$16,222.50**
- Mental Health Staff: \$45,000 X .1545= \$6,952.90 X 3 = **\$20,857.50**
- Support Staff: \$46,000 X .1545= \$7,107.00 X 4= **\$28,428.00**

Estimated Yearly Total: \$243,914.71 (For Retirement and Medicaid)

**Monthly**

\$178,406.71/12= \$14,867.17

\$16,222.5/12= \$1,351.88

\$20,857.50/12= \$1,738.13

\$28,428.00/12= \$2,369.00

Total: **\$20,326.18**

General Fund  
Salary Cap

**Cannot Exceed: \$171,340.67 Monthly Total**

6-8 Cohort	
ELA 6 (10 Students) ELA 7 (20 Students) ELA 8 (20 Students)	<b>Licensed 5-9 Language Arts teacher</b>
Math 6 Math 7 Math 8	Licensed 5-9 Math teacher
Social Studies 6 Social Studies 7 Social Studies 8	Licensed 5-9 Social Studies teacher
Science 6 Science 7 Science 8	Licensed 5-9 Science teacher
Nautical Studies 6 Nautical Studies 7	7-12 Social Studies with CTE Endorsement



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Nautical Studies 8	
<b>5 teachers</b>	

9-10 Cohort	
ELA 1 ELA 2	7-12 ELA Teacher
Algebra 1 Applied Algebra Geometry Applied Geometry	7-12 Math Teacher
World Studies (50 Students) American History (50 Students)	7-12 Social Studies Teacher
Maritime Skills	7-12 Social Studies with CTE Endorsement
Biology (50 Students) Physical Science (50 Students)	7-12 Integrated Science
<b>5 Teachers</b>	

11-12 Cohort	
ELA 3 (50 Students) ELA 4 (50 Students)	7-12 ELA Teacher
Algebra 2 Transition to College Algebra Pre-Calculus	7-12 Mathematics Teacher
Applied Geometry Applied Mathematics	7-12 Math Teacher
American History Government Economics	7-12 Integrated Social Studies Teacher
Chemistry Advanced Science	7-12 Integrated Science Teacher
Financial Literacy	7-12 Social Studies Teacher
Computer Science (Math)	7-12 Math Teacher
<b>6 Teachers</b>	

Career Tech	
Maritime Occupations (40 Students)	Career Tech Licensure
Marine Environmental Science (40 Students)	Career Tech Licensure



Culinary (40 Students)	Career Tech Licensure
Welding Career Tech (40 Students)	Career Tech Licensure
Dental assistant Program (30 Students)	Career Tech Licensure
<b>3 Teachers</b>	

Electives	
Phys Ed 6 Phys Ed 7 Phys Ed 8 Phys Ed 9	Physical Education Teacher
Animal Behavior Anatomy and Physiology	7-12 Integrated Science Teacher
Media Literacy Sophomore Composition	7-12 Language Arts Teacher
English as a Second Language Support	ESL Teacher
Translator (Spanish)	Zuri Verdin
Translator (Arabic)	Part Time Translator
Art 6 Art 7 Art 8 Art 9 Advanced Art	Full Time Art Teacher Part Time Art Teacher
WoodShop 1 WoodShop 2 WoodShop 3	Part Time Shop Teacher
Spanish 1 Spanish 2 Spanish 3	Part Time Spanish Teacher
Music 6-8 Drama/Theater Drumline	Music Teacher
Culinary 7 Culinary 8 Culinary Skills	Not funded
Environmental Science 7 Environmental Science 8 Environmental Science Skills	Not funded
Computer 6 Computer 7 Computer 8 Fundamentals of Technology	Not funded



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Advanced Technology	
Shiphandling 1 Shiphandling 2	IT Specialist
Microsoft 365 Fundamentals Industry Recognized Credential	Not funded
<b>3 Teachers</b> <b>2 Translators (Secondary Duty)</b> <b>3 Part Time Teachers</b>	

Special Education	
6-8 <sup>th</sup> grade	Full Time K-12 Intervention Specialist Paraprofessional
9-10 <sup>th</sup> grade	2 Full Time K-12 Intervention Specialist Paraprofessional
11 <sup>th</sup> -12 <sup>th</sup> grade	Full Time K-12 Intervention Specialist Paraprofessional
<b>4 Teachers</b> <b>3 Paraprofessionals</b>	

Language Arts/Math Support	
6-8 <sup>th</sup> grade	Intervention Teacher
9-10 <sup>th</sup> grade	Intervention Teacher
11 <sup>th</sup> -12 <sup>th</sup> grade	Intervention Teacher
<b>3 Teachers (Not new Hires)</b>	