



**2026-2027  
Interboro High School  
Program of Studies**



# INTERBORO HIGH SCHOOL

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Program of Studies 2026-2027

*Interboro School District provides a challenging and supportive learning environment for all students to succeed academically, socially, and emotionally while becoming college and career ready citizens within a global community.*





# INTERBORO HIGH SCHOOL

## Program of Studies 2026-2027

### Dear Students, Parents & Guardians,

The annual course selection process is an opportunity to review students' post-secondary plans and align their scheduled courses accordingly.

Our team of counselors, teachers, and administrators is excited to assist your family in this process to ensure that students' course selections meet graduation requirements, support their college/career goals, and introduce them to new and exciting topics.

Please review this program together with your family so that you have an opportunity to discuss graduation pathways. Each student's school counselor will review course selections individually to ensure that courses are appropriately challenging, necessary academic support classes are in place, and students have met the prerequisites for their courses.

Please reach out to your school counselor if you have any questions about this process!

### School Counselors:

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**High School Administration**

Mr. Brian Lytz – Principal  
Ms. Amber Fisher-Brown - Assistant Principal  
Ms. Lisa Ford - Assistant Principal / Athletic Director

**Counseling Department**

Ms. Chijioke Booker  
Ms. Jennifer Fanning  
Ms. Shannon Ladislaw  
Ms. Meghan Magee  
Ms. Amanda Rementer  
Ms. Jasmine Woodson

**Vision of the Interboro School District**

<b>Curriculum</b>	<ul style="list-style-type: none"><li>• All students will receive high quality, standards-based curriculum that promotes critical thinking skills and high expectations</li><li>• All students will understand what they are learning and why they are learning it</li></ul>
<b>Instruction</b>	<ul style="list-style-type: none"><li>• All educators will deliver high quality and engaging instruction tailored to students specific learning needs</li><li>• All educators will utilize research based instructional practices to ensure maximum success for all students</li></ul>
<b>Assessment</b>	<ul style="list-style-type: none"><li>• Student progress and growth will be measured through multiple and varied assessments that are aligned with standards</li><li>• Student performance will guide instructional practice, curriculum design and procedures</li><li>• As confident learners, all students will demonstrate creativity, think critically, and problem solve</li></ul>
<b>Environment</b>	<ul style="list-style-type: none"><li>• All students and staff will thrive in a safe and caring environment that fosters confidence and promotes academic, social, and emotional growth</li><li>• The learning environment will be characterized by positive, respectful interactions with expectations established for all</li></ul>

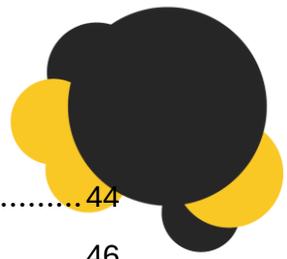




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## Number of Courses

Students in Grades 9-11 are required to carry at least 6 credits. Seniors are required to carry a minimum of 5 credits.

## Graduation Requirements

Students are required to earn a total of **23 credits** to graduate from Interboro High School. Successful course completion and attainment of the prescribed credits signifies that students graduating from the Interboro High School have demonstrated proficiency in planned instruction aligned with academic standards in the following areas: Language Arts; Mathematics; Science and Technology; Social Studies; Environment and Ecology; Arts and Humanities; Health and Wellness; and Family and Consumer Sciences. Planned instruction may be provided as a separate course or as an instructional unit within a course or other interdisciplinary instructional activity.

### Graduation Requirements – Class of 2027

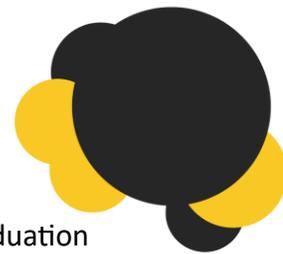
Credits	Subject
4	<b>English</b>
4	<b>Social Studies</b>
3	<b>Science</b>
3	<b>Mathematics</b>
1	<b>Physical Education</b>
0.5	<b>Health</b>
0.5	<b>Technology Electives</b>
2	<b>Arts &amp; Humanities Electives</b> <i>Choose Elective Courses from the following areas: World Languages; Art; Music; English; Social Studies</i>
1	<b>Practical Arts/STEM Electives</b> <i>Choose Elective Courses from the following areas: Computer/Information Technology; Family &amp; Consumer Sciences; Science; Business; Math</i>
4	<b>Other Electives</b> <i>Student can choose electives from any department to satisfy remaining elective requirement *Students who are college-bound are strongly encouraged to complete a Level 1 and Level 2 of a World Language Course*</i>
<b>23</b>	<b>Total Credits</b>



**Graduation Requirements – Class of 2028, 2029, & 2030**

Credits	Subject
4	English
4	Social Studies
3	Science
3	Mathematics
1	Physical Education
0.5	Health
0.5	9 <sup>th</sup> Grade Seminar <i>*Starting with Class of 2029</i>
0.5	Personal Finance
6.5	Career Electives + Optional Electives <i>(Based on chosen Career Pathway)</i> <i>*Students who are college-bound are strongly encouraged to complete a Level 1 and Level 2 of a World Language Course*</i>
23	Total Credits

**Personal Finance Requirement:** Beginning with the 2026-2027 school year, this course will transition from an elective to a mandatory graduation requirement in compliance with Pennsylvania’s new state law, Act 35 of 2023. All high school students will be required to complete a personal finance course during grades 9-12, ensuring they develop essential financial literacy skills. This change aligns with statewide efforts to equip students with the knowledge needed to make informed financial decisions about earning, saving, spending, credit use, and long-term financial planning. The course will continue to provide engaging, real-world applications to help students build a strong financial foundation for their future.



Per the Pennsylvania Department of Education, student’s graduation requirements are monitored through their academics, attendance, and college and career planning. Graduation planning starts in the 9<sup>th</sup> grade and progresses through the 12<sup>th</sup> grade. Seniors are to collect at least 8 pieces of approved college and career evidence by the end of their 11<sup>th</sup> grade year, per Interboro School District’s Chapter 339 School Counseling Plan. This plan, mandated and approved by the Pennsylvania Department of Education, dictates the development and implementation of a comprehensive, sequential program of guidance services for kindergarten through 12<sup>th</sup> grade. Also, students must obtain 23 approved credits and maintain a 90% attendance rate.

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*All students graduating from Interboro High School demonstrate readiness for post-secondary engagement through evidence aligned to students’ goals and career plans.*

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Per 2018 Act 158, students must fulfill the following requirements to be awarded a high school diploma in the state of Pennsylvania:

- All students must achieve a passing grade in the associated academic content areas of the Keystone Exams (Biology, Algebra I, English 10)
- All students must complete College and Career Portfolio to fulfill Chapter 339 Requirements (8 pieces of evidence by May 1 of their 11<sup>th</sup> grade cohort year)
- Students who demonstrate proficiency on all three Keystone Exams or PASA\* assessment must complete one option from either Tier 1, 2, or 3 by January 25<sup>th</sup> of their senior year
- Students who achieve a composite score of 4452 on the Algebra I, Literature, and Biology Keystone Exams (while achieving at least a proficient score on one of the three exams and no less than a basic score on the remaining two) must complete two options from either Tier 1, 2, or 3 by January 25<sup>th</sup> of their senior year
- Students who do not demonstrate proficiency on all three Keystones Exams or achieve the composite score must complete an alternate pathway to graduation as outlined in Act 158.
  - *PASA – The PASA is an alternate statewide assessment designed for students described as having the “most significant cognitive disabilities.” Students who take the PASA should be those who are unable to participate meaningfully in the PSSA or Keystone Exams, even with accommodations.*
  - *Students who opt out of one or more Keystone Exams due to religious exemption must still meet state and local graduation requirements through one of the pathways detailed in the Graduation Requirements section.*





## Pathways to Graduation

Overarching Requirement	
<b>**All students must fulfill Chapter 339 requirements**</b>	
<input type="checkbox"/>	<b>(8) 9<sup>th</sup> – 11<sup>th</sup> Grade Guidance Artifacts completed by May 1<sup>st</sup> of Junior Year</b>
<b>REQUIREMENT CHECKED AS COMPLETED</b>	<input type="checkbox"/> SATISFIED <input type="checkbox"/> NOT SATISFIED

## Keystone Examination Pathways

Keystone Core Requirements		
<input type="checkbox"/>	Passed Algebra I	<input type="checkbox"/> YES <input type="checkbox"/> NO
<input type="checkbox"/>	Passed Biology	<input type="checkbox"/> YES <input type="checkbox"/> NO
<input type="checkbox"/>	Passed English 10	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>ALL THREE (3) CHECKED AS COMPLETED</b>		<input type="checkbox"/> SATISFIED <input type="checkbox"/> NOT SATISFIED

Keystone Proficiency Path		
<input type="checkbox"/>	Algebra I Keystone Exam	
<input type="checkbox"/>	Biology Keystone Exam	
<input type="checkbox"/>	Literature Keystone Exam	
<b>ALL THREE 1500 OR HIGHER</b>		<input type="checkbox"/> SATISFIED <input type="checkbox"/> NOT SATISFIED





Keystone Composite Path			
Exam	Score	Level	Composite Score
Algebra I Keystone Exam			
Biology Keystone Exam			
Literature Keystone Exam			
No score Below Basic		<input type="checkbox"/> MET <input type="checkbox"/> NOT MET	
At least one score Proficient or Advanced		<input type="checkbox"/> MET <input type="checkbox"/> NOT MET	
Composite score 4452 or higher		<input type="checkbox"/> MET <input type="checkbox"/> NOT MET	
<b>ALL THREE (3) MARKED MET</b>		<input type="checkbox"/> SATISFIED <input type="checkbox"/> NOT SATISFIED	





**Keystone Evidentiary Requirements – Complete minimum of one (1)  
(applies to both Keystone Proficiency Path and Keystone Composite Path)**

<input type="checkbox"/>	Technical School Industry-Based Evidence	Competency certification attainment	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET <i>(requires one marked YES)</i>
		Program continuation readiness	<input type="checkbox"/> YES <input type="checkbox"/> NO	
		Industry-based assessment potential	<input type="checkbox"/> YES <input type="checkbox"/> NO	
<input type="checkbox"/>	Meet or exceed established score on ONE approved alternative assessment by Jan. 25 of your Senior year	ACT composite score of 21 or higher	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET <i>(requires one marked YES)</i>
		ASVAB AFQT composite score of 31 or higher	<input type="checkbox"/> YES <input type="checkbox"/> NO	
		PSAT/NMSQT total score of 970 or higher	<input type="checkbox"/> YES <input type="checkbox"/> NO	
		SAT total score of 1010 or higher	<input type="checkbox"/> YES <input type="checkbox"/> NO	
<input type="checkbox"/>	Meet or exceed established score on ACT WorkKeys	NRC Gold Level or higher		<input type="checkbox"/> MET <input type="checkbox"/> NOT MET
<input type="checkbox"/>	Successfully complete a Pre-Apprenticeship Program by Jan. 25 of your Senior year	Passing grade and program completion verified by adult supervisor		<input type="checkbox"/> MET <input type="checkbox"/> NOT MET
<input type="checkbox"/>	Score 3 or higher on any AP Exam(s) by end of your Junior year	AP exam score 3 or higher	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET	
		2 <sup>nd</sup> AP exam score 3 or higher	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET	
		3 <sup>rd</sup> AP exam score 3 or higher	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET	



<input type="checkbox"/>	Successfully complete dual enrollment course(s) or approved postsecondary course(s) by Jan. 25 of your Senior year	Pass course	<input type="checkbox"/> MET	<input type="checkbox"/> NOT MET
		Pass 2 <sup>nd</sup> course	<input type="checkbox"/> MET	<input type="checkbox"/> NOT MET
		Pass 3 <sup>rd</sup> course	<input type="checkbox"/> MET	<input type="checkbox"/> NOT MET
<input type="checkbox"/>	Attain Industry-Recognized Credential from approved providers by Jan. 25 of your Senior year	Earn credential	<input type="checkbox"/> MET	<input type="checkbox"/> NOT MET
		Earn 2 <sup>nd</sup> credential	<input type="checkbox"/> MET	<input type="checkbox"/> NOT MET
		Earn 3 <sup>rd</sup> credential	<input type="checkbox"/> MET	<input type="checkbox"/> NOT MET
<input type="checkbox"/>	Successfully complete approved service-learning project(s) by Jan 25 of your Senior year	Project completion verified by adult supervisor	<input type="checkbox"/> MET	<input type="checkbox"/> NOT MET
		2 <sup>nd</sup> Project completion verified by adult supervisor	<input type="checkbox"/> MET	<input type="checkbox"/> NOT MET
<input type="checkbox"/>	Successfully complete internship or cooperative program(s) by Jan 25 of your Senior year	Program completion verified by adult supervisor	<input type="checkbox"/> MET	<input type="checkbox"/> NOT MET
		2 <sup>nd</sup> Program completion verified by adult supervisor	<input type="checkbox"/> MET	<input type="checkbox"/> NOT MET
<input type="checkbox"/>	Successfully complete a business plan for post-secondary work	Business plan completion verified by adult supervisor	<input type="checkbox"/> MET	<input type="checkbox"/> NOT MET
<input type="checkbox"/>	Demonstrate acceptance into 4-year institution of higher education and ability to enroll in college-level work by Jan. 25 of your Senior year	Nonconditional acceptance letter verified by adult supervisor	<input type="checkbox"/> MET	<input type="checkbox"/> NOT MET
<input type="checkbox"/>	College or Trade School Visit	Reflection Summary of Experience verified by adult supervisor	<input type="checkbox"/> MET	<input type="checkbox"/> NOT MET

**MINIMALLY ONE (1) EVIDENTIARY REQUIREMENT**

**MARKED MET**

SATISFIED  
 NOT SATISFIED



Decision Matrix A	
Will you retake one or more Keystone Exams?	<input type="checkbox"/> YES (see Keystone Proficiency Pathway) <input type="checkbox"/> NO (see next question)
Are you engaged in CTE or Technical School Program of Study?	<input type="checkbox"/> YES (see CTE Concentrator Pathway) <input type="checkbox"/> NO (see Decision Matrix B)





**Career & Technical Education Concentrator Pathway**

Career & Technical Education Concentrator Pathway – Complete all four (4)				
<input type="checkbox"/>	Algebra I Keystone Exam	Scaled score of 1500 or higher	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET <i>(requires minimally Alg. I course passed marked YES)</i>
		Grade-based requirements satisfied (passed Alg. I course)	<input type="checkbox"/> YES <input type="checkbox"/> NO	
<input type="checkbox"/>	Biology Keystone Exam	Scaled score of 1500 or higher	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET <i>(requires minimally Bio. course passed marked YES)</i>
		Grade-based requirements satisfied (passed Bio course)	<input type="checkbox"/> YES <input type="checkbox"/> NO	
<input type="checkbox"/>	Literature Keystone Exam	Scaled score of 1500 or higher	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET <i>(requires minimally Eng. 10 course passed marked YES)</i>
		Grade-based requirements satisfied (passed Eng. 10 course)	<input type="checkbox"/> YES <input type="checkbox"/> NO	
<input type="checkbox"/>	Technical School Industry-Based Evidence	Competency certification attainment	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET <i>(requires one marked YES)</i>
		Program continuation readiness	<input type="checkbox"/> YES <input type="checkbox"/> NO	
		Industry-based assessment potential	<input type="checkbox"/> YES <input type="checkbox"/> NO	
<b>ALL FOUR (4) MARKED MET</b>			<input type="checkbox"/> SATISFIED (PATHWAY COMPLETE) <input type="checkbox"/> NOT SATISFIED (review options)	





**Decision Matrix B**

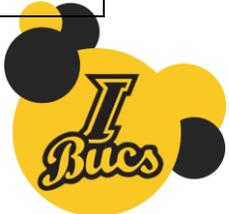
Are you participating in the ACT, PSAT/NMSQT, SAT, or ASVAB?	<input type="checkbox"/> YES (consider Alternative Assessment Pathway) <input type="checkbox"/> NO (see next question)
Are you planning to attend a 4-year institution of higher education?	<input type="checkbox"/> YES (consider Alternative Assessment Pathway) <input type="checkbox"/> NO (see next question)
Are you enrolled in a pre-apprenticeship program?	<input type="checkbox"/> YES (consider Alternative Assessment Pathway) <input type="checkbox"/> NO (see Decision Matrix C)





**Alternative Assessment Pathway**

Alternative Assessment Pathway			
Core Requirements – All three (3) must be met			
Algebra I Keystone Exam	Score of 1500 or higher	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET <i>(requires minimally Alg. I course passed marked YES)</i>
	Grade-based requirements satisfied (passed Alg. I course)	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Biology Keystone Exam	Score of 1500 or higher	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET <i>(requires minimally Bio course passed marked YES)</i>
	Grade-based requirements satisfied (passed Bio course)	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Literature Keystone Exam	Score of 1500 or higher	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET <i>(requires minimally Eng. 10 course passed marked YES)</i>
	Grade-based requirements satisfied (passed Eng. 10 course)	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Evidentiary Requirements – At least one (1) must be met			
Meet or exceed established score on ONE (1) approved alternative assessment	ACT composite score of 21 or higher	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET <i>(requires one marked YES)</i>
	ASVAB AFQT composite score of 31 or higher	<input type="checkbox"/> YES <input type="checkbox"/> NO	
	PSAT/NMSQT total score of 970 or higher	<input type="checkbox"/> YES <input type="checkbox"/> NO	
	SAT total score of 1010 or higher	<input type="checkbox"/> YES <input type="checkbox"/> NO	



<input type="checkbox"/>	Meet or exceed established score on ACT WorkKeys	NRC Gold Level or higher	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET
<input type="checkbox"/>	Score 3 or higher on AP Exam(s) related to EACH Keystone Exam on which less than proficient by end of your Junior year.	AP Exam score 3 or higher (Algebra I or similar)	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET <i>(requires each marked YES or N/A)</i>
		AP Exam score 3 or higher (Biology or similar)	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
		AP Exam score 3 or higher (Literature or similar)	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
<input type="checkbox"/>	Successfully complete dual enrollment course(s) related to EACH Keystone Exam on which less than Proficient by Jan. 25 of your Senior year	Pass dual enrollment course (Algebra I)	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET <i>(requires each marked YES or N/A)</i>
		Pass dual enrollment course (Biology)	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
		Pass dual enrollment course (Literature)	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
<input type="checkbox"/>	Demonstrate acceptance into 4-year institution of higher education and ability to enroll in college-level work by Jan. 25 of your Senior year	Nonconditional acceptance letter	<input type="checkbox"/> YES	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET
<input type="checkbox"/>	Successfully complete a Pre-Apprenticeship Program by Jan. 25 of your Senior Year	Passing grade and program completion verified by adult supervisor		<input type="checkbox"/> MET <input type="checkbox"/> NOT MET

<b>ALL THREE CORE (3) REQUIREMENTS MARKED MET</b>	<input type="checkbox"/> SATISFIED (proceed to next row) <input type="checkbox"/> NOT SATISFIED (review options)
<b>MINIMALLY ONE (1) EVIDENTIARY REQUIREMENT MARKED MET</b>	<input type="checkbox"/> SATISFIED (PATHWAY COMPLETE) <input type="checkbox"/> NOT SATISFIED (review options)

**Decision Matrix C**

Are you planning to enter the workforce or military upon graduation?	<input type="checkbox"/> YES (consider Evidence-Based Pathway) <input type="checkbox"/> NO (see next question)
Are you enrolled in an internship or cooperative education program, or have you received an Industry-Recognized credential?	<input type="checkbox"/> YES (consider Evidence-Based Pathway) <input type="checkbox"/> NO (see next question)
Are you planning to attend a less than 4-year institution of higher education?	<input type="checkbox"/> YES (consider Evidence-Based Pathway) <input type="checkbox"/> NO (see next question)
Are you able to meet NCAA Division II academic requirements?	<input type="checkbox"/> YES (consider Evidence-Based Pathway) <input type="checkbox"/> NO (review options)



**Evidence-Based Pathway**

**Evidence-Based Pathway**

**Core Requirements – All three (3) must be met**

<input type="checkbox"/>	Algebra I Keystone Exam	Score of 1500 or higher	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET <i>(requires minimally Alg. I course passed marked YES)</i>
		Grade-based requirements satisfied (passed Alg. I course)	<input type="checkbox"/> YES <input type="checkbox"/> NO	
<input type="checkbox"/>	Biology Keystone Exam	Score of 1500 or higher	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET <i>(requires minimally Bio course passed marked YES)</i>
		Grade-based requirements satisfied (passed Bio course)	<input type="checkbox"/> YES <input type="checkbox"/> NO	
<input type="checkbox"/>	Literature Keystone Exam	Score of 1500 or higher	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET <i>(requires minimally Eng. 10 course passed marked YES)</i>
		Grade-based requirements satisfied (passed Eng. 10 course)	<input type="checkbox"/> YES <input type="checkbox"/> NO	

**Evidentiary Requirements: Section 1 – At least one (1) must be met**

<input type="checkbox"/>	Meet or exceed established score on any SAT Subject Test(s)	SAT Subject Test score of 630 or higher	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET
		2 <sup>nd</sup> SAT Subject Test score of 630 or higher	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET
		3 <sup>rd</sup> SAT Subject Test score of 630 or higher	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET





<input type="checkbox"/>	Meet or exceed established score on ACT WorkKeys	NRC Silver Level or higher	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET
<input type="checkbox"/>	Score 3 or higher on any AP Exam(s) by end of your Junior year	AP exam score 3 or higher	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET
<input type="checkbox"/>		2nd AP exam score 3 or higher	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET
<input type="checkbox"/>		3rd AP exam score 3 or higher	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET
<input type="checkbox"/>	Successfully complete dual enrollment course(s) by end of your Junior year	Pass dual enrollment course	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET
<input type="checkbox"/>		Pass dual enrollment course	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET
<input type="checkbox"/>		Pass dual enrollment course	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET
<input type="checkbox"/>	Demonstrate acceptance into an other-than-4-year non-profit institution of higher education and ability to enroll in college-level work by Jan. 25 of your Senior year	Unconditional acceptance letter	<input type="checkbox"/> YES
		General admittance letter	<input type="checkbox"/>
		College-level coursework enrollment OR equivalent placement test results OR equivalent graduate profile	<input type="checkbox"/>
		<input type="checkbox"/> YES (requires both checked)	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET <i>(requires one marked YES)</i>
<input type="checkbox"/>	Attain Industry-Recognized Credential from approved providers by Jan. 25 of your senior year	Earn credential	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET
<input type="checkbox"/>		Earn 2nd credential	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET
<input type="checkbox"/>		Earn 3rd credential	<input type="checkbox"/> MET <input type="checkbox"/> NOT MET





**Evidentiary Requirements: Section 2 – At most two (2) may be selected**

<input type="checkbox"/>	Score Proficient or Advanced on any Keystone Exam(s) by end of your Junior year.	Score 1500 or higher on Algebra 1	<input type="checkbox"/> MET	<input type="checkbox"/> NOT MET
		Score 1500 or higher on Biology	<input type="checkbox"/> MET	<input type="checkbox"/> NOT MET
		Score 1500 or higher on Literature	<input type="checkbox"/> MET	<input type="checkbox"/> NOT MET
<input type="checkbox"/>	Successfully complete approved service-learning project(s) by Jan. 25 of your senior year	Project completion verified by adult supervisor	<input type="checkbox"/> MET	<input type="checkbox"/> NOT MET
		2nd Project completion verified by adult supervisor	<input type="checkbox"/> MET	<input type="checkbox"/> NOT MET
<input type="checkbox"/>	Successfully complete internship or cooperative program(s) by Jan. 25 of your senior year	Program completion verified by adult supervisor	<input type="checkbox"/> MET	<input type="checkbox"/> NOT MET
		2nd Program completion verified by adult supervisor	<input type="checkbox"/> MET	<input type="checkbox"/> NOT MET
<input type="checkbox"/>	Meet the NCAA Division II academic requirements of college-bound athletes	Academic standing verified by school administrator	<input type="checkbox"/> MET	<input type="checkbox"/> NOT MET
<input type="checkbox"/>	Provide letter/form guaranteeing full-time employment or military enlistment papers by Jan. 25 of your Senior year	Letter/form/enlistment papers verified by school administrator	<input type="checkbox"/> MET	<input type="checkbox"/> NOT MET

<b>ALL THREE (3) CORE REQUIREMENTS MARKED MET</b>	<input type="checkbox"/> SATISFIED (proceed to next row) <input type="checkbox"/> NOT SATISFIED (review options)
<b>MINIMALLY ONE (1) EVIDENTIARY REQUIREMENT MARKED MET IN SECTION 1</b>	<input type="checkbox"/> SATISFIED (proceed to next row) <input type="checkbox"/> NOT SATISFIED (review options)
<b>A TOTAL OF THREE (3) EVIDENTIARY REQUIREMENTS MARKED MET (UP TO TWO PERMISSABLE FROM SECTION 2)</b>	<input type="checkbox"/> SATISFIED (PATHWAY COMPLETE) <input type="checkbox"/> NOT SATISFIED (review options)





## Promotion Requirements

For a student to progress from grade to grade, a student must accumulate the following credits:

- 10<sup>th</sup> Grade - minimum 4.5 credits
- 11<sup>th</sup> Grade - minimum 10.5 credits
- 12<sup>th</sup> Grade - minimum 16.5 credits

Seniors with fewer than 17 credits must take a full 6.5 credits during senior year.

## Course Requests

Students and parents/guardians are requested to be thoughtful and thorough in their selection of courses during the spring semester. The number of students electing to take a course and the availability of teachers will determine whether a course will be offered. Courses may not run without sufficient enrollment. All students are expected to continue in, and complete, the courses selected. Core class placement for the following school year is driven by teacher recommendation. Although there may not be a prerequisite course requirement listed, teachers will recommend students for proper placement for a College Prep, Honors, or AP course. Any student requesting an Advanced Placement (AP) course must understand there is an expectation regarding the willingness to remain committed to the course. Students and parents/guardians must sign an agreement that details the expectations of an AP course. The scheduling timeline in preparation for the 2026-2027 school year is as follows (subject to change):

Teachers enter Core Course Recommendations into eSchool	8 <sup>th</sup> grade 9 <sup>th</sup> – 11 <sup>th</sup> grade	March 9 <sup>th</sup> – 13 <sup>th</sup> 2026 January 14 <sup>th</sup> – 23 <sup>rd</sup> , 2026
Counselors provide information and support to students in selection of electives	8 <sup>th</sup> grade 9 <sup>th</sup> – 11 <sup>th</sup> grade	February 23 <sup>rd</sup> – 27 <sup>th</sup> , 2026 January 26 <sup>th</sup> – 30 <sup>th</sup> , 2026
School counselors meet with students to assist them with choosing electives in eSchool	9 <sup>th</sup> grade 10 <sup>th</sup> grade 11 <sup>th</sup> grade	February 2 <sup>nd</sup> – 6 <sup>th</sup> , 2026 February 16 <sup>th</sup> – 20 <sup>th</sup> , 2026 March 2 <sup>nd</sup> – 6 <sup>th</sup> , 2026
Course requests are finalized for the 2026-2027 school year		March 13 <sup>th</sup> , 2026





## Schedule Changes

Adequate schedule planning for students, teachers, and classroom space can be completed only when school officials can consider student schedule requests to be final and binding. Classes with low numbers of student requests will not run the following school year. **The first two weeks of school are reserved for errors and omissions to schedules only.** Students who do not complete their course selection will be assigned courses and will not be permitted to change their schedule at any time.

There are times when a change in a student's schedule is desired. **Students must complete and submit a Course Request Form to the Counseling Office by Friday, June 26th, 2026.** Administration, together with the School Counseling Department, will review requests and make a decision that is most beneficial for the student.

Courses dropped before the end of the first marking period will not display on the report card of the student. Courses dropped after this date will show the earned-grades-to-date and be reflected as a WP (withdrawn passing) or WF (withdrawn failing) for the final grade and zero credit for the year. The consequences for withdrawing from a course at a later date will be as follows:

If the course is changed before the end of the first marking period and is changed to a related course, then the grade will transfer to the new course. Students transferring to an unrelated course will have the grade earned in the 2nd marking period also recorded as the 1st marking period grade.

Full year courses changed before the end of the second marking period to a related course will transfer the grade with the course. Students transferring to an unrelated course will receive a withdraw passing/withdraw failing grade for a course they are dropping. Credits are not received, and this course will not be included in the GPA (grade point average), but will appear on the report card and official transcript as WP/WF.

## Course Weighting & Class Rank

Interboro High School uses a weighted system to calculate class rank. All courses have been assigned a weight based on level of rigor, with Class Rank being computed using numerical grades based on these weights. Ranking is calculated at the end of 11th Grade and again at the end of Semester 1 of 12th Grade for the purpose of communicating academic achievement to colleges and universities. For determining Valedictorian (Highest Cumulative GPA) and Salutatorian (2nd Highest Cumulative GPA), class rank will be calculated at the end of the 3rd Marking Period and communicated to students as a preliminary calculation and pending final exams and final grades. Only after this final calculation will there be the official awarding of Valedictorian and Salutatorian. Students are ineligible to be named Valedictorian or Salutatorian





if they have six or more unexcused absences accrued throughout the school year and/or have a Tier 3 or Tier 4 behavioral referral during the school year, regardless of class rank.

Class rank is computed as follows:

A weighted grade is your numerical average plus the appropriate rank level value. When students transfer from another school, the students' previous grades are recorded but without weight., regardless of level of rigor (College Prep, Honors, AP). Because all weighting systems are different in each school, Interboro High School uses the unweighted GPA for the course(s) a student has completed from another school. The weighting system applies to the courses a student completes at Interboro High School.

### **9th Grade Seminar**

**9th Grade Seminar: Skills for Success** is designed to equip incoming high school students with essential academic and life skills to navigate the transition to high school, focusing on topics like study habits, time management, organization, communication, critical thinking, career exploration, personal responsibility, and building healthy relationships. The course will incorporate lessons about goal setting and future planning and help students to familiarize themselves with the school environment and its resources. (0.5 credit; required for all 9<sup>th</sup> graders)

### **9<sup>th</sup> Grade Academy**

The Interboro Success & Discovery (I.S.D.) Academy is a specialized 9th-grade cohort designed to provide students with a supportive, interdisciplinary learning experience that bridges the transition into high school. Students in this program are part of a close-knit group of 25 peers and are taught by dedicated teachers who collaborate across subjects to integrate learning and ensure academic success. Through innovative teaching methods including co-teaching and team teaching, and targeted support in executive functioning skills, the program equips students with the tools, confidence, and knowledge to excel in high school and beyond.



## Career Pathways

### Starting With the Class of 2028

In today's rapidly evolving global society, preparing students for success beyond high school is more critical than ever. Career pathway programming in high schools plays a vital role in equipping students with the knowledge, skills, and experiences they need to thrive in post-secondary education, workforce training, and professional careers. By aligning academic instruction with real-world applications, career pathways provide students with a clear roadmap to explore potential professions, develop technical and transferable skills, and make informed decisions about their futures. Through our new Career Pathways Program, students are able to select a variety of coursework and opportunities that together, form a cluster of learning experiences with a focused pathway to success and career readiness.

Career pathways and other workforce programming support students by fostering college and career readiness through experiential learning opportunities, such as internships, industry certifications, and dual-credit courses. These programs help students bridge the gap between classroom learning and the demands of higher education or the workforce, ensuring they are not only academically prepared but also equipped with practical experience. Additionally, career pathway initiatives address the growing need for skilled professionals in high-demand industries, positioning students to enter the workforce with confidence and contribute meaningfully to their communities.

By integrating career exploration and workforce development into the high school experience, Interboro School District ensures that students are prepared to navigate the complexities of post-secondary opportunities, whether they choose to attend college, pursue vocational training, or enter the workforce directly. This proactive approach benefits both students and society by fostering a skilled, adaptable, and future-ready generation.

Beginning with the class of 2029, 9<sup>th</sup> Graders explore the career pathways through a 9<sup>th</sup> Grade Seminar experience with the goal of choosing one of the following pathways of study by their 10<sup>th</sup> Grade year:

- Art & Communications
- Business & Information Technology
- Engineering & Industrial Technologies
- Human Services
- Science & Health Services
- General Studies

Students can pursue either a Professional or Technical sequence of courses in any of the above pathways. Professional tracks provide the knowledge and skills needed for entrance into a four-year college or university, while Technical tracks emphasize the completion of credential work to prepare students for careers in these pathways.

Guidelines for required and optional coursework for each pathway are listed below. In addition to the required Pathway Minimum Requirements, students will choose from Career Electives to supplement their core coursework. These are organized by strand, where applicable, and are not meant to be an accreditation but rather a helpful way for students to organize their elective choices. Students do not need to take all courses listed in any particular strand, but may take any of the listed career electives to satisfy the respective pathway.

## General Studies – Professional Course Alignment

The General Studies Pathway provides students with an opportunity to develop a breadth of knowledge across multiple disciplines. As a General Studies program does not fit into one particular pathway, students may pursue coursework in any academic area as they explore their career interests, including the arts, social sciences, the humanities, and biological and physical sciences.

Grade 9	Grade 10	Grade 11	Grade 12
<b>1. English</b> English 9 Honors/CP English 9 LS	<b>1. English</b> English 10 Honors/CP English 10 LS AP Seminar	<b>1. English</b> American Literature Honors/CP English 11 LS AP Language & Composition	<b>1. English</b> English 12 Honors/CP English 12 LS AP Literature & Composition
<b>2. Social Studies</b> Multi Cultures Honors/CP	<b>2. Social Studies</b> US History I Honors/CP AP European History AP World History	<b>2. Social Studies</b> US History II CP AP US History	<b>2. Social Studies</b> US Government & Politics CP AP Government & Politics AP European History AP World History
<b>3. Math</b> Algebra I Honors/CP Algebra II Honors/CP Algebra I LS	<b>3. Math</b> Algebra II Honors/CP Geometry Honors/CP Principles of Algebra II	<b>3. Math</b> Geometry Honors/CP Geometry LS Statistics AP/Honors/CP Pre-Calculus AP/Honors	<b>3. Math</b> Statistics AP/Honors Pre-Calculus AP/Honors Calculus AP/Honors
<b>4. Science</b> Integrated Science CP Biology Honors/CP	<b>4. Science</b> Biology Honors/CP Chemistry Honors/CP Physical Science Earth & Space Science	<b>4. Science</b> Chemistry Honors/CP Physical Science Earth & Space Science Physics Honors/CP AP Biology Core <i>*must take AP Biology Lab concurrently</i> AP Chemistry Core <i>*must take AP Chemistry Lab concurrently</i> AP Environmental Science	<b>4. Science</b> Physical Science Earth & Space Science Physics Honors/CP AP Biology Core <i>*must take AP Biology Lab concurrently</i> AP Chemistry Core <i>*must take AP Chemistry Lab concurrently</i> AP Environmental Science AP (Dual) Physics
<b>5A. 9th Grade Seminar*</b> <b>0.5 Credit</b> <i>*required beginning Class of 2029</i> <b>5B. PE &amp; Health</b> Phys Ed I 0.25 Credit Health I 0.25 Credit	<b>5A. Career Elective 0.5 Credit</b> <b>5B. PE &amp; Health</b> Phys Ed II 0.25 Credit Health II 0.25 Credit	<b>5A. Personal Finance</b> <b>0.5 Credit</b> Honors/CP Consumer Math <b>5B. PE Elective</b> <b>0.5 Credit</b> (11th or 12th Grade)	<b>5. Career Elective</b>
<b>6. World Language</b> Spanish I Spanish II Advanced Spanish II French I French II Spanish for Native Speakers	<b>6. World Language</b> Spanish II Spanish III Advanced Spanish II Advanced Spanish III French II French III Spanish for Native Speakers	<b>6. Career Elective</b>	<b>6. Career Elective</b>
<b>7. Other Elective</b>	<b>7. Other Elective</b>	<b>7. Career Elective</b>	<b>7. Career Elective</b>

Interboro Career Electives for General Studies – Professional Course Alignment				
<i>*Courses listed below are introductory courses from each pathway for satisfying the General Studies Requirement.</i>				
<u>Sciences and Health Pathway</u>	<u>Engineering &amp; Industrial Technology Pathway</u>	<u>Art &amp; Communication Pathway</u>	<u>Business &amp; Information Technology Pathway</u>	<u>Human Services Pathway</u>
Allied Health I <b>1 Credit</b>	Intro to S.T.E.A.M. <b>0.5 Credit</b>	Art I <b>0.5 Credit</b>	Intro to Business <b>0.5 Credit</b>	Criminal Justice <b>0.5 Credit</b>
Forensic Science <b>0.5 Credit</b>	AP Environmental Science <b>1 Credit</b> <i>*If not used for Science Credit</i>	Video Production I <b>0.5 Credit</b>	Computer Applications <b>0.5 Credit</b>	Psychology <b>0.5 Credit</b>
Aquatic Biology <b>0.5 Credit</b>	AP Chemistry Core <b>1 Credit</b> <i>*If not used for Science Credit</i> <i>*Must take AP Chemistry Lab</i>	Choir <b>1 Credit</b>	Culinary Arts <b>0.5 Credit</b>	Breaking Down Breaking News <b>0.5 Credit</b>
Aquaponics <b>1 Credit</b> <i>*Intro to S.T.E.A.M. Prerequisite</i>	AP Biology Core <b>1 Credit</b> <i>*Must take AP Bio Lab</i> <i>*If not used for Science Credit</i>	Band <b>1 Credit</b>	Marketing and Advertising <b>0.5 Credit</b>	Geo-Connections <b>0.5 Credit</b>
Lab Technician <b>1 Credit</b>	AP Chemistry Lab <b>1 Credit</b> <i>*Must take AP Chemistry Core</i>	Graphic Design <b>0.5 Credit</b>	Economics Apprentice <b>0.5 Credit</b>	AP European History <b>1 Credit</b> <i>*If not used for Social Studies Credit</i>
	AP Biology Lab <b>1 Credit</b> <i>*Must take AP Biology Core</i>	Fashion & Construction I <b>0.5 Credit</b>	AP Macroeconomics <b>1 Credit</b>	AP World History <b>1 Credit</b> <i>*If not used for Social Studies Credit</i>
	3D Computer Aided Design <b>0.5 Credit</b>	Digital Publishing <b>0.5 Credit</b>		Early Childhood Literature <b>0.5 Credit</b>
	Wood Technology I <b>0.5 Credit</b>	Creative Writing <b>0.5 Credit</b>		Sociology <b>0.5 Credit</b>
	Creative & Sustainable Design <b>1 Credit</b>			

<b>Pathway Minimum Requirement – 23 Credits required for Graduation</b>
English <b>4 Credits</b>
Science <b>4 Credits</b> <i>*Minimum 1 Chemistry Credit</i>
Math <b>4 Credits</b> <i>*Minimum 1 Statistics Credit</i>
Social Studies <b>4 Credits</b>
World Language <b>2 Credits</b>
Career Electives <b>3.5 Credits</b> <i>*Minimum 0.5 Credits from each pathway list</i>

## General Studies – Technical Course Alignment

The General Studies Pathway provides students with an opportunity to develop a breadth of knowledge across multiple disciplines. As a General Studies program does not fit into one particular pathway, students may pursue coursework in any academic area as they explore their career interests, including the arts, social sciences, the humanities, and biological and physical sciences.

Grade 9	Grade 10	Grade 11	Grade 12
<b>1. English</b> English 9 Honors/CP English 9 LS	<b>1. English</b> English 10 Honors/CP English 10 LS AP Seminar	<b>1. English</b> American Literature Honors/CP English 11 LS AP Language & Composition	<b>1. English</b> English 12 Honors/CP English 12 LS AP Literature & Composition
<b>2. Social Studies</b> Multi Cultures Honors/CP	<b>2. Social Studies</b> US History I Honors/CP AP European History AP World History	<b>2. Social Studies</b> US History II CP AP US History	<b>2. Social Studies</b> US Government & Politics CP AP Government & Politics AP European History AP World History
<b>3. Math</b> Algebra I Honors/CP Algebra II Honors/CP Algebra I LS	<b>3. Math</b> Algebra II Honors/CP Geometry Honors/CP Principles of Algebra II	<b>3. Math</b> Geometry Honors/CP Statistics AP/Honors/CP Pre-Calculus AP/Honors Trigonometry CP/Statistics CP Geometry LS	<b>3. Math</b> Statistics AP/Honors Pre-Calculus AP/Honors Trigonometry CP/Statistics CP
<b>4. Science</b> Integrated Science CP Biology Honors/CP	<b>4. Science</b> Biology Honors/CP Chemistry Honors/CP Physical Science Earth & Space Science	<b>4. Science</b> Chemistry Honors/CP Physical Science Earth & Space Science Physics Honors/CP	<b>4. Career Elective</b>
<b>5A. 9th Grade Seminar*</b> <b>0.5 Credit</b> <i>*required beginning Class of 2029</i> <b>5B. PE &amp; Health</b> Phys Ed I 0.25 Credit Health I 0.25 Credit	<b>5A. Career Elective 0.5 Credit</b> <b>5B. PE &amp; Health</b> Phys Ed II 0.25 Credit Health II 0.25 Credit	<b>5A. Personal Finance</b> <b>0.5 Credit</b> Honors/CP Consumer Math <b>5B. PE Elective</b> <b>0.5 Credit</b> (11th or 12th Grade)	<b>5. Career Elective</b>
<b>6. World Language OR Choice Elective</b> Spanish I Spanish II Advanced Spanish II French I French II Spanish for Native Speakers	<b>6. Other Elective</b>	<b>6. Career Elective</b>	<b>6. Career Elective</b>
<b>7. Other Elective</b>	<b>7. Other Elective</b>	<b>7. Career Elective</b>	<b>7. Career Elective</b>

Interboro Career Electives for General Studies – Technical Course Alignment				
<i>*Courses listed below are introductory courses from each pathway for satisfying the General Studies Requirement.</i>				
<u>Sciences and Health Pathway</u>	<u>Engineering &amp; Industrial Technology Pathway</u>	<u>Art &amp; Communication Pathway</u>	<u>Business &amp; Information Technology Pathway</u>	<u>Human Services Pathway</u>
Allied Health I <b>1 Credit</b>	Intro to S.T.E.A.M. <b>0.5 Credit</b>	Art I <b>0.5 Credit</b>	Intro to Business <b>0.5 Credit</b>	Criminal Justice <b>0.5 Credit</b>
Forensic Science <b>0.5 Credit</b>	AP Environmental Science <b>1 Credit</b>	Video Production I <b>0.5 Credit</b>	Computer Applications <b>0.5 Credit</b>	Psychology <b>0.5 Credit</b>
Aquatic Biology <b>0.5 Credit</b>	3D Computer Aided Design <b>0.5 Credit</b>	Choir <b>1 Credit</b>	Culinary Arts <b>0.5 Credit</b>	Breaking Down Breaking News <b>0.5 Credit</b>
Aquaponics <b>1 Credit</b> <i>*Intro to S.T.E.A.M. Prerequisite</i>	Wood Technology I <b>0.5 Credit</b>	Band <b>1 Credit</b>	Marketing and Advertising <b>0.5 Credit</b>	Geo-Connections <b>0.5 Credit</b>
Lab Technician <b>1 Credit</b>	Creative & Sustainable Design <b>1 Credit</b>	Graphic Design <b>0.5 Credit</b>	Economics Apprentice <b>0.5 Credit</b>	Early Childhood Literature <b>0.5 Credit</b>
		Fashion & Construction I <b>0.5 Credit</b>		Sociology <b>0.5 Credit</b>
		Digital Publishing <b>0.5 Credit</b>		

<u>Pathway Minimum Requirement - 23 Credits required for Graduation</u>
English <b>4 Credits</b>
Science <b>4 Credits</b> <i>*Minimum 1 Chemistry Credit</i>
Math <b>4 Credits</b> <i>*Minimum 1 Statistics Credit</i>
Social Studies <b>4 Credits</b>
World Language <b>1 Credit</b>
Career Electives <b>4.5 Credits</b> <i>*Minimum 0.5 Credits from each pathway list</i>

**Science and Health Services – Professional Course Alignment**

Related Careers:

Medicine - Physical Therapist, Audiologist, Dentist; Radiologist, Veterinarian, Pharmacist, Athletic Trainer, Biology, Marine Sciences, Agricultural Scientist, Speech Pathologist, Registered Nurse, Doctor, Food Science, Physical Education/Health Teacher

Grade 9	Grade 10	Grade 11	Grade 12
<p><b>1. English</b> English 9 Honors/CP English 9 LS</p>	<p><b>1. English</b> English 10 Honors/CP English 10 LS AP Seminar</p>	<p><b>1. English</b> American Literature Honors/CP English 11 LS AP Language &amp; Composition</p>	<p><b>1. English</b> English 12 Honors/CP English 12 LS AP Literature &amp; Composition</p>
<p><b>2. Social Studies</b> Multi Cultures Honors/CP</p>	<p><b>2. Social Studies</b> US History I Honors/CP AP European History AP World History</p>	<p><b>2. Social Studies</b> US History II CP AP US History</p>	<p><b>2. Social Studies</b> US Government &amp; Politics CP AP Government &amp; Politics AP European History AP World History</p>
<p><b>3. Math</b> Algebra I Honors/CP Algebra II Honors/CP Algebra I LS</p>	<p><b>3. Math</b> Algebra II Honors/CP Geometry Honors/CP Principles of Algebra II</p>	<p><b>3. Math</b> Geometry Honors/CP Statistics AP/Honors/CP Pre-Calculus AP/Honors Geometry LS</p>	<p><b>3. Math</b> Statistics AP/Honors Pre-Calculus AP/Honors Calculus AP/Honors</p>
<p><b>4. Science</b> Integrated Science CP Biology Honors/CP</p>	<p><b>4. Science</b> Biology Honors/CP Chemistry Honors/CP</p>	<p><b>4. Science</b> Chemistry Honors/CP Physics Honors/CP AP Biology Core <i>*Must take AP Biology Lab concurrently</i> AP Chemistry Core <i>* Must take AP Chemistry Lab concurrently</i></p>	<p><b>4. Science</b> Physics Honors/CP AP Biology Core <i>*Must take AP Biology Lab concurrently</i> AP Chemistry Core <i>* Must take AP Chemistry Lab concurrently</i> AP (Dual) Physics</p>
<p><b>5A. 9th Grade Seminar*</b> <b>0.5 Credit</b> <i>*required beginning Class of 2029</i> <b>5B. PE &amp; Health</b> Phys Ed I 0.25 Credit Health I 0.25 Credit</p>	<p><b>5A. Career Elective 0.5 Credit</b> <b>5B. PE &amp; Health</b> Phys Ed II 0.25 Credit Health II 0.25 Credit</p>	<p><b>5A. Personal Finance</b> <b>0.5 Credit</b> Honors/CP Consumer Math <b>5B. PE Elective</b> <b>0.5 Credit</b> (11th or 12th Grade)</p>	<p><b>5. Career Elective</b></p>
<p><b>6. World Language</b> Spanish I Spanish II Advanced Spanish II French I French II Spanish for Native Speakers</p>	<p><b>6. World Language</b> Spanish II Spanish III Advanced Spanish II Advanced Spanish III French II French III Spanish for Native Speakers</p>	<p><b>6. Career Elective</b></p>	<p><b>6. Career Elective</b></p>
<p><b>7. Other Elective</b></p>	<p><b>7. Other Elective</b></p>	<p><b>7. Career Elective</b></p>	<p><b>7. Career Elective</b></p>

Interboro Career Electives Science and Health Services – Professional Course Alignment <i>*Courses listed below are introductory courses from each pathway for satisfying the General Studies Requirement.</i>				Available at Delaware County Technical School
Health Strand	Food Science Strand	General Career Electives		
Allied Health I <b>1 Credit</b>	Aquaponics <b>1 Credit</b> <i>*Intro to S.T.E.A.M. Prerequisite</i>	AP Seminar <b>1 Credit</b> <i>*If not used for English Credit</i>	Aquatic Biology <b>0.5 Credit</b>	Biomedical Technology & Lab Sciences <b>3 Credits</b>
Allied Health II Honors <b>1 Credit</b>	Aquaponics Major <b>0.5 Credit</b>	AP (Dual) Physics <b>1 Credit</b> <i>*If not used for Science Credit</i>	Geo-Connections <b>0.5 Credit</b>	Exercise Sciences & Sports Therapy <b>3 Credits</b>
Psychology <b>0.5 Credit</b>	Culinary Arts I <b>0.5 Credit</b>	Forensic Science <b>0.5 Credit</b>	AP Biology Core <b>1 Credit</b> <i>*If not used for Science Credit *Must take AP Biology Lab concurrently</i>	Medical Careers <b>3 Credits</b>
AP Psychology <b>1 Credit</b>	Culinary Arts II <b>0.5 Credit</b>	Computer Applications <b>0.5 Credit</b>	AP Chemistry Core <b>1 Credit</b> <i>*If not used for Science Credit *Must take AP Chemistry Lab concurrently</i>	Culinary Arts <b>3 Credits</b>
Personal Fitness/ Weight Room <b>0.5 Credit</b> <i>*If not used for PE Credit</i>	AP Environmental Science <b>1 Credit</b>	Pre-Calculus AP/Honors/CP <b>1 Credit</b> <i>*If not used for Math Credit</i>	AP Biology Lab <b>1 Credit</b> <i>*Must take Ap Biology Core concurrently</i>	
Physical Education Major <b>0.5 Credit</b> <i>*If not used for PE Credit</i>	<b>Teaching Strand</b>	Calculus AP/Honors <b>1 Credit</b> <i>*If not used for Math Credit</i>	AP Chemistry Lab <b>1 Credit</b> <i>*Must take AP Chemistry Lab concurrently</i>	Available at Delaware County Community College
Adaptive PE/Bucs Buddies <b>0.5 Credit</b> <i>*If not used for PE Credit</i>	Educators Rising I <b>1 Credit</b>	Internship in Pathway related Field <b>1-2 Credits</b>	Lab Technician <b>1 Credit</b>	Pre-Nursing <b>7.6 Credits</b>
	Educators Rising II <b>1-2 Credits</b> (Elem/Sec PE/Health Placement)	LeadX <b>.33 Credit</b>	Sociology <b>0.5 Credit</b>	
	Adaptive PE/Bucs Buddies <b>0.5 Credit</b> <i>*If not used for PE Credit</i>			

<b>Pathway Minimum Requirement - 23 Credits required for Graduation</b>
English <b>4 Credits</b>
Science <b>4 Credits</b> <i>*Minimum 1 Chemistry Credit</i>
Math <b>4 Credits</b> <i>*Minimum 1 Statistics Credit</i>
Social Studies <b>4 Credits</b>
World Language <b>2 Credits</b>
Career Electives <b>3.5 Credits</b>

## Science and Health Services – Technical Course Alignment

Related Careers:

Technician: Nuclear, X-ray, Imaging; Medical Assistant, Medical Secretary, Physical Therapy, LPN or Nurse’s Aide, Dental Hygienist, Orderly, Funeral Director, Veterinary Attendant, Occupational Therapy, Florist, Landscape Designer, Environmental Technology, Forest Technology, Mill Manager, Surveyor, Agricultural Scientist

Grade 9	Grade 10	Grade 11	Grade 12
<b>1. English</b> English 9 Honors/CP English 9 LS	<b>1. English</b> English 10 Honors/CP English 10 LS AP Seminar	<b>1. English</b> American Literature Honors/CP English 11 LS AP Language & Composition	<b>1. English</b> English 12 Honors/CP English 12 LS AP Literature & Composition
<b>2. Social Studies</b> Multi Cultures Honors/CP	<b>2. Social Studies</b> US History I Honors/CP AP European History AP World History	<b>2. Social Studies</b> US History II CP AP US History	<b>2. Social Studies</b> US Government & Politics CP AP Government & Politics AP European History AP World History
<b>3. Math</b> Algebra I Honors/CP Algebra II Honors/CP Algebra I LS	<b>3. Math</b> Algebra II Honors/CP Geometry Honors/CP Principles of Algebra II	<b>3. Math</b> Geometry Honors/CP Statistics AP/Honors/CP Pre-Calculus AP/Honors Trigonometry CP/Statistics CP Geometry LS	<b>3. Math</b> Statistics AP/Honors Pre-Calculus AP/Honors Trigonometry CP/Statistics CP
<b>4. Science</b> Integrated Science CP Biology Honors/CP	<b>4. Science</b> Biology Honors/CP Chemistry Honors/CP Allied Health I Physical Science CP	<b>4. Science</b> Chemistry Honors/CP Physics Honors/CP Allied Health I Allied Health II Physical Science CP	<b>4. Career Elective</b>
<b>5A. 9th Grade Seminar*</b> <b>0.5 Credit</b> <i>*required beginning Class of 2029</i> <b>5B. PE &amp; Health</b> Phys Ed I 0.25 Credit Health I 0.25 Credit	<b>5A. Career Elective 0.5 Credit</b> <b>5B. PE &amp; Health</b> Phys Ed II 0.25 Credit Health II 0.25 Credit	<b>5A. Personal Finance</b> <b>0.5 Credit</b> Honors/CP Consumer Math <b>5B. PE Elective</b> <b>0.5 Credit</b> (11th or 12th Grade)	<b>5. Career Elective</b>
<b>6. World Language OR Choice Elective</b> Spanish I Spanish II Advanced Spanish II French I French II Spanish for Native Speakers	<b>6. Other Elective</b> *Students Planning on attending a 4 year university should take a second year of language.	<b>6. Career Elective</b>	<b>6. Career Elective</b>
<b>7. Other Elective</b>	<b>7. Other Elective</b>	<b>7. Career Elective</b>	<b>7. Career Elective</b>

<b>Interboro Career Electives for Science and Health Services – Technical Course Alignment</b> <i>*Courses Listed Below are introductory courses from each pathway for satisfying the General Studies Requirement.</i>			<b>Available at Delaware County Technical School</b>
<b>Health Strand</b>	<b>Food Science Strand</b>	<b>General Career Electives</b>	
			Biomedical Technology & Lab Sciences <b>3 Credits</b>
Allied Health I <b>1 Credit</b> <i>*If not used for Science Credit</i>	Aquaponics <b>1 Credit</b> <i>*Intro to S.T.E.A.M. Prerequisite</i>	AP Seminar <b>1 Credit</b> <i>*If not used for English Credit</i>	Dental Occupations <b>3 Credits</b>
Allied Health II Honors <b>1 Credit</b> <i>*If not used for Science Credit</i>	Aquaponics Major <b>0.5 Credit</b>	AP (Dual) Physics <b>1 Credit</b> <i>*If not used for Science Credit</i>	Health Sciences <b>3 Credits</b>
Psychology <b>0.5 Credit</b>	Culinary Arts I <b>0.5 Credit</b>	Forensic Science <b>0.5 Credit</b>	Emergency & Protective Services <b>3 Credits</b>
AP Psychology <b>1 Credit</b>	Culinary Arts II <b>0.5 Credit</b>	Computer Applications <b>0.5 Credit</b>	Culinary Arts <b>3 Credits</b>
Personal Fitness/ Weight Room <b>0.5 Credit</b> <i>*If not used for PE Credit</i>	AP Environmental Science <b>1 Credit</b>	Pre-Calculus AP/Honors/CP <b>1 Credit</b> <i>*If not used for Math Credit</i>	
Physical Education Major <b>0.5 Credit</b> <i>*If not used for PE Credit</i>		Cooperative Education Work Study in field <b>Up to 2 Credits</b>	
		Aquatic Biology <b>0.5 Credits</b>	
		Lab Technician <b>1 Credit</b>	

<b>Pathway Minimum Requirement - 23 Credits required for Graduation</b>
English <b>4 Credits</b>
Science <b>3 Credits</b> <i>*Minimum 1 Chemistry Credit</i>
Math <b>4 Credits</b> <i>*Minimum 0.5 Statistics Credit</i>
Social Studies <b>4 Credits</b>
World Language <b>1 Credit</b>
Career Electives <b>4.5 Credits</b>

## Engineering and Industrial Technologies – Professional Course Alignment

Related Careers:

Aviation, Computer Aided Productions and System Design, Engineering, Electrical, Computer Information Systems Specialist, Systems Analyst, Mathematician, Secondary Math Teacher, Secondary Science Teacher, Architect, Biological, Medical, Scientist - Chemist, Physicist, Meteorologist, Geologist

Grade 9	Grade 10	Grade 11	Grade 12
<b>1. English</b> English 9 Honors/CP English 9 LS	<b>1. English</b> English 10 Honors/CP English 10 LS AP Seminar	<b>1. English</b> American Literature Honors/CP English 11 LS AP Language & Composition	<b>1. English</b> English 12 Honors/CP English 12 LS AP Literature & Composition
<b>2. Social Studies</b> Multi Cultures Honors/CP	<b>2. Social Studies</b> US History I Honors/CP AP European History AP World History	<b>2. Social Studies</b> US History II CP AP US History	<b>2. Social Studies</b> US Government & Politics CP AP Government & Politics AP European History AP World History
<b>3. Math</b> Algebra I Honors/CP Algebra II Honors/CP Algebra I LS	<b>3. Math</b> Algebra II Honors/CP Geometry Honors/CP Principles of Algebra II	<b>3. Math</b> Geometry Honors/CP Pre-Calculus AP/Honors Geometry LS	<b>3. Math</b> Pre-Calculus AP/Honors Calculus Ap/Honors
<b>4. Science</b> Integrated Science CP Biology Honors/CP	<b>4. Science</b> Biology Honors/CP Chemistry Honors/CP	<b>4. Science</b> Chemistry Honors/CP Physics Honors/CP AP Biology Core <i>*Must take AP Biology Lab concurrently</i> AP Chemistry Core <i>* Must take AP Chemistry Lab concurrently</i>	<b>4. Science</b> Physics Honors/CP AP Biology Core <i>*Must take AP Biology Lab concurrently</i> AP Chemistry Core <i>* Must take AP Chemistry Lab concurrently</i> AP (Dual) Physics
<b>5A. 9th Grade Seminar*</b> <b>0.5 Credit</b> <i>*required beginning Class of 2029</i> <b>5B. PE &amp; Health</b> Phys Ed I 0.25 Credit Health I 0.25 Credit	<b>5A. Career Elective 0.5 Credit</b> <b>5B. PE &amp; Health</b> Phys Ed II 0.25 Credit Health II 0.25 Credit	<b>5A. Personal Finance</b> <b>0.5 Credit</b> Honors/CP Consumer Math <b>5B. PE Elective</b> <b>0.5 Credit</b> (11th or 12th Grade)	<b>5. Career Elective</b>
<b>6. World Language</b> Spanish I Spanish II Advanced Spanish II French I French II Spanish for Native Speakers	<b>6. World Language</b> Spanish II Spanish III Advanced Spanish II Advanced Spanish III French II French III Spanish for Native Speakers	<b>6. Career Elective</b>	<b>6. Career Elective</b>
<b>7. Other Elective</b>	<b>7. Other Elective</b>	<b>7. Career Elective</b>	<b>7. Career Elective</b>

INTERBORO HIGH SCHOOL

CAREER PATHWAYS

Interboro Career Electives for Engineering and Industrial Technologies – Professional Course Alignment <i>*Courses listed below are introductory courses from each pathway for satisfying the General Studies Requirement.</i>				Available at Delaware County Technical School
Engineering and Design Strand	Biological Sciences Strand	Earth Sciences Strand	General Career Electives	Engineering and Robotics 3 Credits
Intro to S.T.E.A.M. 0.5 Credit	AP Chemistry Core 1 Credit <i>*If not used for Science Credit * Must take AP Chemistry Lab concurrently</i>	AP Chemistry Core 1 Credit <i>*If not used for Science Credit * Must take AP Chemistry Lab concurrently</i>	Computer Applications 0.5 Credit	
3D Computer Aided Design 0.5 Credit	AP Chemistry Lab 1 Credit <i>*Must take AP Chemistry Core concurrently</i>	AP Chemistry Lab 1 Credit <i>*Must take AP Chemistry Core concurrently</i>	AP Seminar 1 Credit <i>*If not used for English Credit</i>	
Art I 0.5 Credit	AP Biology Core 1 Credit <i>*If not used for Science Credit *Must take AP Biology Lab concurrently</i>	AP Biology Core 1 Credit <i>*If not used for Science Credit *Must take AP Biology Lab concurrently</i>	Internship in Pathway related Field 1-2 Credits	
2D Design 0.5 Credit	AP Biology Lab 1 Credit <i>*Must take AP Biology Core concurrently</i>	AP Biology Lab 1 Credit <i>*Must take AP Biology Core concurrently</i>	LeadX .33 Credit	
Mixed Media Sculpture 0.5 Credit	AP Environmental Science 1 Credit	AP Environmental Science 1 Credit	Entrepreneurship (dual) 1 Credit	
Creative & Sustainable Design 1 Credit	Aquaponics 1 Credit <i>*Intro to S.T.E.A.M prerequisite</i>	Earth and Space Science 1 Credit	Drone Pilot Certification (Dual) 1 Credit	
<b>Physical Sciences Strand</b>	Aquatic Biology 0.5 Credit	Aquaponics 1 Credit <i>*Intro to S.T.E.A.M prerequisite</i>		
Statistics AP/Honors 1 Credit	Statistics AP/Honors 1 Credit	Aquatic Biology 0.5 Credit	<b>Teaching Strand</b>	
AP (Dual) Physics 1 Credit <i>*If not used for Science Credit</i>	Lab Technician 1 Credit	Statistics AP/Honors 1 Credit	Educators Rising I 1 Credit	
AP Chemistry Core 1 Credit <i>*If not used for Science Credit * Must take AP Chemistry Lab concurrently</i>		Geo-Connections 0.5 Credit	Educators Rising II 1-2 Credits (Secondary Math; Secondary Science Placement)	
AP Chemistry Lab 1 Credit <i>*Must take AP Chemistry Core concurrently</i>		Aquaponics Major 0.5 Credit		

Pathway Minimum Requirement - 23 Credits required for Graduation
English 4 Credits
Science 4 Credits <i>*Minimum 1 Physics Credit</i>
Math 4 Credits <i>*Minimum 1 Pre-Calculus Credit</i>
Social Studies 4 Credits
World Language 2 Credits
Career Electives 3.5 Credits



## Engineering and Industrial Technologies – Technical Course Alignment

Related Careers:

Computer Information Systems; Auto Technology - Body, Manufacturing, Emission Technology, Diesel, Avionics Technology, Engines, Fuels, Service Manager; Building Construction Trades - Plumbing, Masonry, Heavy Construction, CADD, Electronics Technology, Environmental Technology, Tool Making, Welding, Machinist, Robotics, HVAC, Carpentry, Recreational and Power Equipment and Repair, Cabinetmaker

Grade 9	Grade 10	Grade 11	Grade 12
<b>1. English</b> English 9 Honors/CP English 9 LS	<b>1. English</b> English 10 Honors/CP English 10 LS AP Seminar	<b>1. English</b> American Literature Honors/CP English 11 LS AP Language & Composition	<b>1. English</b> English 12 Honors/CP English 12 LS AP Literature & Composition
<b>2. Social Studies</b> Multi Cultures Honors/CP	<b>2. Social Studies</b> US History I Honors/CP AP European History AP World History	<b>2. Social Studies</b> US History II CP AP US History	<b>2. Social Studies</b> US Government & Politics CP AP Government & Politics AP European History AP World History
<b>3. Math</b> Algebra I Honors/CP Algebra II Honors/CP Algebra I LS	<b>3. Math</b> Algebra II Honors/CP Geometry Honors/CP Principles of Algebra II	<b>3. Math</b> Geometry Honors/CP Statistics AP/Honors Pre-Calculus AP/Honors Trigonometry CP/Statistics CP Geometry LS	<b>3. Math</b> Statistics AP/Honors Pre-Calculus AP/Honors Trigonometry CP/Statistics CP
<b>4. Science</b> Integrated Science CP Biology Honors/CP	<b>4. Science</b> Biology Honors/CP Chemistry Honors/CP	<b>4. Science</b> Chemistry Honors/CP Physics Honors/CP	<b>4. Career Elective</b>
<b>5A. 9th Grade Seminar*</b> <b>0.5 Credit</b> <i>*required beginning Class of 2029</i> <b>5B. PE &amp; Health</b> Phys Ed I 0.25 Credit Health I 0.25 Credit	<b>5A. Career Elective 0.5 Credit</b> <b>5B. PE &amp; Health</b> Phys Ed II 0.25 Credit Health II 0.25 Credit	<b>5A. Personal Finance</b> <b>0.5 Credit</b> Honors/CP Consumer Math <b>5B. PE Elective</b> <b>0.5 Credit</b> (11th or 12th Grade)	<b>5. Career Elective</b>
<b>6. World Language OR Choice Elective</b> Spanish I Spanish II Advanced Spanish II French I French II Spanish for Native Speakers	<b>6. Other Elective</b>	<b>6. Career Elective</b>	<b>6. Career Elective</b>
<b>7. Other Elective</b>	<b>7. Other Elective</b>	<b>7. Career Elective</b>	<b>7. Career Elective</b>

Interboro Career Electives for Engineering and Industrial Technologies – Technical Course Alignment			Available at Delaware County Technical School	Available at Delaware County Community College
<i>*Courses Listed Below are introductory courses from each pathway for satisfying the General Studies Requirement.</i>				
<u>Environmental Sciences Strand</u>	<u>Building Construction Strand</u>	<u>Electronics &amp; Machinery Strand</u>		
Earth and Space Science <b>1 Credit</b>	Intro to S.T.E.A.M. <b>0.5 Credit</b>	Pre-Calculus AP/Honors/CP <b>1 Credit</b> <i>*If not used for Math Credit</i>	Building Trades <b>3 Credits</b> Carpentry <b>3 Credits</b>	Automotive <b>8 Credits</b> Manufacturing CNC <b>11.3 Credits</b>
AP Environmental Science <b>1 Credit</b>	3D Computer Aided Design <b>0.5 Credit</b>	Statistics AP/Honors <b>1 Credit</b> <i>*If not used for Math Credit</i>	Electrical Construction Technology <b>3 Credits</b>	
Aquatic Biology <b>0.5 Credit</b>	Wood Technology I <b>0.5 Credit</b>	Statistics CP <b>0.5 Credit</b> <i>*If not used for Math Credit</i>	HVAC <b>3 Credits</b>	
Aquaponics <b>1 Credit</b> <i>*Intro to S.T.E.A.M.</i>	Wood Technology II <b>0.5 Credit</b>	Intro to S.T.E.A.M. <b>0.5 Credit</b>	Welding <b>3 Credits</b>	
Aquaponics Major <b>0.5 Credit</b>	Wood Technology III <b>0.5 Credit</b>	3D Computer Aided Design <b>0.5 Credit</b>	Automotive Technology <b>3 Credits</b>	
Statistics AP/Honors/CP <b>1 Credit</b> <i>*If not used for Math Credit</i>	<b>General Career Electives</b>		Collision Repair Technology <b>3 Credits</b>	
Geo-Connections <b>0.5 Credit</b>	Physics Honors/CP <b>1 Credit</b> <i>*Elective only if Chemistry fulfills pathway requirement</i>	Cooperative Education Work Study field <b>Up to 2 Credits</b>		
	Chemistry Honors/CP <b>1 Credit</b> <i>*Elective only if Physics fulfills pathway requirement</i>	Creative & Sustainable Design <b>1 Credit</b>		
	Computer Applications <b>0.5 Credit</b>			

<b>Pathway Minimum Requirement - 23 Credits required for Graduation</b>
English <b>4 Credits</b>
Science <b>3 Credits</b> <i>*Minimum 1 Chemistry or Physics Credit</i>
Math <b>4 Credits</b> <i>*Minimum 0.5 Trigonometry Credit</i>
Social Studies <b>4 Credits</b>
World <u>Language</u> <b>1 Credit</b>
Career Electives <b>4.5 Credits</b>



## Art and Communications – Professional Course Alignment

Related Careers:

Technical Writing, Art Teacher, Secondary English Teacher, Music Teacher, World Language Teacher, Editor, Publication Manager, Journalist/Writer, Illustrator, Documentation Designer, Artist, Musician, Critic, Interpreter, Foreign Services, Telecommunications, Performing Arts

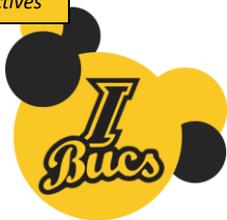
Grade 9	Grade 10	Grade 11	Grade 12
<p><b><u>1. English</u></b> English 9 Honors/CP English 9 LS</p>	<p><b><u>1. English</u></b> English 10 Honors/CP English 10 LS AP Seminar</p>	<p><b><u>1. English</u></b> American Literature Honors/CP English 11 LS AP Language &amp; Composition</p>	<p><b><u>1. English</u></b> English 12 Honors/CP English 12 LS AP Literature &amp; Composition</p>
<p><b><u>2. Social Studies</u></b> Multi Cultures Honors/CP</p>	<p><b><u>2. Social Studies</u></b> US History I Honors/CP AP European History AP World History</p>	<p><b><u>2. Social Studies</u></b> US History II CP AP US History</p>	<p><b><u>2. Social Studies</u></b> US Government &amp; Politics CP AP Government &amp; Politics AP European History AP World History</p>
<p><b><u>3. Math</u></b> Algebra I Honors/CP Algebra II Honors/CP Algebra I LS</p>	<p><b><u>3. Math</u></b> Algebra II Honors/CP Geometry Honors/CP Principles of Algebra II</p>	<p><b><u>3. Math</u></b> Geometry Honors/CP Statistics AP/Honors Pre-Calculus AP/Honors Geometry LS</p>	<p><b><u>3. Math</u></b> Statistics AP/Honors Pre-Calculus AP/Honors Calculus AP/Honors</p>
<p><b><u>4. Science</u></b> Integrated Science CP Biology Honors/CP</p>	<p><b><u>4. Science</u></b> Biology Honors/CP Chemistry Honors/CP Physical Science Earth &amp; Space Science</p>	<p><b><u>4. Science</u></b> Chemistry Honors/CP Physics Honors/CP Physical Science Earth &amp; Space Science AP Biology Core <i>*Must take AP Biology Lab concurrently</i> AP Chemistry Core <i>* Must take AP Chemistry Lab concurrently</i> AP Environmental Science</p>	<p><b><u>4. Science or Career Elective</u></b></p>
<p><b><u>5A. 9th Grade Seminar*</u></b> <b>0.5 Credit</b> <i>*required beginning Class of 2029</i> <b><u>5B. PE &amp; Health</u></b> Phys Ed I 0.25 Credit Health I 0.25 Credit</p>	<p><b><u>5A. Career Elective 0.5 Credit</u></b> <b><u>5B. PE &amp; Health</u></b> Phys Ed II 0.25 Credit Health II 0.25 Credit</p>	<p><b><u>5A. Personal Finance</u></b> <b>0.5 Credit</b> Honors/CP Consumer Math <b><u>5B. PE Elective</u></b> <b>0.5 Credit</b> (11th or 12th Grade)</p>	<p><b><u>5. Career Elective</u></b></p>
<p><b><u>6. World Language</u></b> Spanish I Spanish II Advanced Spanish II French I French II Spanish for Native Speakers</p>	<p><b><u>6. World Language</u></b> Spanish II Spanish III Advanced Spanish II Advanced Spanish III French II French III Spanish for Native Speakers</p>	<p><b><u>6. Career Elective</u></b></p>	<p><b><u>6. Career Elective</u></b></p>
<p><b><u>7. Other Elective</u></b></p>	<p><b><u>7. Other Elective</u></b></p>	<p><b><u>7. Career Elective</u></b></p>	<p><b><u>7. Career Elective</u></b></p>

INTERBORO HIGH SCHOOL



Interboro Career Electives for Art and Communications – Professional Course Alignment <i>*Courses listed below are introductory courses from each pathway for satisfying the General Studies Requirement.</i>				Available at Delaware County Technical School
<u>Design &amp; Digital Arts Strand</u>	<u>Performing Arts Strand</u>	<u>Fine Arts Strand</u>	<u>Media Production &amp; Broadcasting Strand</u>	Advertising Design and Commercial Art <b>3 Credits</b>
Graphic Design <b>0.5 Credit</b>	Choir <b>1 Credit</b>	Art I <b>0.5 Credit</b>	Film & Literature <b>0.5 Credits</b>	
Digital Audio <b>0.5 Credit</b>	Band <b>1 Credit</b>	Art II <b>0.5 Credit</b>	Broadcast Journalism <b>0.5 Credit</b>	
Intro to S.T.E.A.M. <b>0.5 Credit</b>	Select Choir <b>1 Credit</b>	Art III <b>1 Credit</b>	Video Production I <b>0.5 Credit</b>	
Webpage Design <b>0.5 Credit</b>	Modern Band <b>0.5 Credit</b>	2D Design <b>0.5 Credit</b>	Video Production II <b>0.5 Credit</b>	
Video Production I <b>0.5 Credit</b>	Combination Band/Choir <b>1 Credit</b>	Mixed Media Sculpture <b>0.5 Credit</b>	Creative Writing <b>0.5 Credit</b>	
Video Production II <b>0.5 Credit</b>	Film & Literature <b>0.5 Credit</b>	AP Studio Art <b>2 Credits</b>	Digital Publishing <b>0.5 Credit</b>	
Digital Publishing <b>0.5 Credit</b>			Breaking Down Breaking News <b>0.5 Credit</b>	
	<u>World Languages Strand</u>	<u>General Career Electives</u>		
<u>Teaching Strand</u>	Spanish I-IV <b>1 Credit</b> <i>*Beyond 2 required World Language credits</i>	Early Childhood Literature <b>0.5 Credit</b>	Computer Applications <b>0.5 Credit</b>	
Educators Rising I <b>1 Credit</b>	French I-IV <b>1 Credit</b> <i>*Beyond 2 required World Language credits</i>	Survey of Art History <b>0.5 Credit</b>	Internship in Pathway related Field <b>1-2 Credits</b>	
Educators Rising II <b>1-2 Credits</b> (Elm/Sec Art or Music; Secondary World Language; Secondary English)	Advanced Spanish II-IV <b>1 Credit</b> <i>*Beyond 2 required World Language credits</i>	Fashion & Construction I <b>0.5 Credit</b>	LeadX <b>.25 Credit</b>	
	Spanish for Native Speakers <b>1 Credit</b> <i>*Beyond 2 required World Language credits</i>	Fashion & Construction II <b>0.5 Credit</b>	AP Seminar <b>1 Credit</b> <i>*If not used for English Credit</i>	
	AP Spanish Language & Culture <b>1 Credit</b> <i>*Beyond 2 required World Language credits</i>	African American Studies <b>0.5 Credit</b>	Modern Heroes & Mythical Legends <b>0.5 Credit</b>	
		Entrepreneurship (Dual) <b>1 Credit</b>	Marketing and Advertising <b>0.5 Credit</b>	

<u>Pathway Minimum Requirement - 23 Credits required for Graduation</u>
English <b>4 Credits</b>
Science <b>3 Credits</b> <i>*Minimum 1 Chemistry Credit</i>
Math <b>4 Credits</b> <i>*Minimum 1 Statistics Credit</i>
Social Studies <b>4 Credits</b>
World Language <b>2 Credits</b>
Career Electives <b>4.5 Credits</b> <i>*Students taking 4 science credits or 3 science with an AP lab are required to earn 3.5 Credits of Career Electives</i>





## Art and Communications – Technical Course Alignment

Related Careers:

Photography, Print Production, Advertising, Multimedia Production, Broadcast Production, Painting/Decorating, Filmless Imaging, TV Production, Performing Arts, Commercial Art

Grade 9	Grade 10	Grade 11	Grade 12
<b><u>1. English</u></b> English 9 Honors/CP English 9 LS	<b><u>1. English</u></b> English 10 Honors/CP English 10 LS AP Seminar	<b><u>1. English</u></b> American Literature Honors/CP English 11 LS AP Language & Composition	<b><u>1. English</u></b> English 12 Honors/CP English 12 LS AP Literature & Composition
<b><u>2. Social Studies</u></b> Multi Cultures Honors/CP	<b><u>2. Social Studies</u></b> US History I Honors/CP AP European History AP World History	<b><u>2. Social Studies</u></b> US History II CP AP US History	<b><u>2. Social Studies</u></b> US Government & Politics CP AP Government & Politics AP European History AP World History
<b><u>3. Math</u></b> Algebra I Honors/CP Algebra II Honors/CP Algebra I LS	<b><u>3. Math</u></b> Algebra II Honors/CP Geometry Honors/CP Principles of Algebra II	<b><u>3. Math</u></b> Geometry Honors/CP Statistics AP/Honors Pre-Calculus AP/Honors Trigonometry CP/Statistics CP Geometry LS	<b><u>3. Math</u></b> Statistics AP/Honors Pre-Calculus AP/Honors Trigonometry CP/Statistics CP
<b><u>4. Science</u></b> Integrated Science CP Biology Honors/CP	<b><u>4. Science</u></b> Biology Honors/CP Chemistry Honors/CP Physical Science Earth & Space Science	<b><u>4. Science</u></b> Chemistry Honors/CP Physical Science Earth & Space Science	<b><u>4. Career Elective</u></b>
<b><u>5A. 9th Grade Seminar*</u></b> <b>0.5 Credit</b> <i>*required beginning                      Class of 2029</i> <b><u>5B. PE &amp; Health</u></b> Phys Ed I 0.25 Credit Health I 0.25 Credit	<b><u>5A. Career Elective 0.5 Credit</u></b> <b><u>5B. PE &amp; Health</u></b> Phys Ed II 0.25 Credit Health II 0.25 Credit	<b><u>5A. Personal Finance</u></b> <b>0.5 Credit</b> Honors/CP Consumer Math <b><u>5B. PE Elective</u></b> <b>0.5 Credit</b> (11th or 12th Grade)	<b><u>5. Career Elective</u></b>
<b><u>6. World Language OR Choice Elective</u></b> Spanish I Spanish II Advanced Spanish II French I French II Spanish for Native Speakers	<b><u>6. Other Elective</u></b>	<b><u>6. Career Elective</u></b>	<b><u>6. Career Elective</u></b>
<b><u>7. Other Elective</u></b>	<b><u>7. Other Elective</u></b>	<b><u>7. Career Elective</u></b>	<b><u>7. Career Elective</u></b>



Interboro Career Electives for Art and Communications – Technical Course Alignment <i>*Courses listed below are introductory courses from each pathway for satisfying the General Studies Requirement.</i>				Available at Delaware County Technical School
<u>Design &amp; Digital Arts Strand</u>	<u>Performing Arts Strand</u>	<u>Fine Arts Strand</u>	<u>Media Production &amp; Broadcasting Strand</u>	
Graphic Design <b>0.5 Credit</b>	Choir <b>1 Credit</b>	Art I <b>0.5 Credit</b>	Film & Literature <b>0.5 Credits</b>	Cosmetology <b>3 Credits</b>
Digital Audio <b>0.5 Credit</b>	Band <b>1 Credit</b>	Art II <b>0.5 Credit</b>	Broadcast Journalism <b>0.5 Credit</b>	
Intro to S.T.E.A.M. <b>0.5 Credit</b>	Select Choir <b>1 Credit</b>	Art III <b>1 Credit</b>	Video Production I <b>0.5 Credit</b>	
Webpage Design <b>0.5 Credit</b>	Modern Band <b>0.5 Credit</b>	2D Design <b>0.5 Credit</b>	Video Production II <b>0.5 Credit</b>	
Video Production I <b>0.5 Credit</b>	Combination Band/Choir <b>1 Credit</b>	Mixed Media Sculpture <b>0.5 Credit</b>	Creative Writing <b>0.5 Credit</b>	
Video Production II <b>0.5 Credit</b>	Film & Literature <b>0.5 Credit</b>	AP Studio Art <b>2 Credits</b>	Digital Publishing <b>0.5 Credit</b>	
Digital Publishing <b>0.5 Credit</b>			Breaking Down Breaking News <b>0.5 Credit</b>	
	<b>General Career Electives</b>			
	Computer Applications <b>0.5 Credit</b>	Cooperative Education Work Study in field <b>Up to 2 Credits</b>	Survey of Art History <b>0.5 Credit</b>	
	Fashion & Construction I <b>0.5 Credit</b>	Fashion & Construction II <b>0.5 Credit</b>	Marketing and Advertising <b>0.5 Credit</b>	
	Rock & Pop Music in Culture <b>0.5 Credit</b>	Early Childhood Literature <b>0.5 Credit</b>		

<b>Pathway Minimum Requirement - 23 Credits required for Graduation</b>
English <b>4 Credits</b>
Science <b>3 Credits</b>
Math <b>4 Credits</b> *Minimum 0.5 Trigonometry Credit
Social Studies <b>4 Credits</b>
World Language <b>2 Credits</b>
Career Electives <b>5.5 Credits</b>

**Business Finance & Information Technology – Professional Course Alignment**

Related Careers:

Accountant, Finance/Banking, Sports Management, Sales, Marketing, Stocks and Bonds, Law, Insurance, Hotel and Restaurant Management, Economics, Business Administrator, Computer Science Teacher, Business Teacher

Grade 9	Grade 10	Grade 11	Grade 12
<b>1. English</b> English 9 Honors/CP English 9 LS	<b>1. English</b> English 10 Honors/CP English 10 LS AP Seminar	<b>1. English</b> American Literature Honors/CP English 11 LS AP Language & Composition	<b>1. English</b> English 12 Honors/CP English 12 LS AP Literature & Composition
<b>2. Social Studies</b> Multi Cultures Honors/CP	<b>2. Social Studies</b> US History I Honors/CP AP European History AP World History	<b>2. Social Studies</b> US History II CP AP US History	<b>2. Social Studies</b> US Government & Politics CP AP Government & Politics AP European History AP World History
<b>3. Math</b> Algebra I Honors/CP Algebra II Honors/CP Algebra I LS	<b>3. Math</b> Algebra II Honors/CP Geometry Honors/CP Principles of Algebra II	<b>3. Math</b> Geometry Honors/CP Statistics AP/Honors Pre-Calculus AP/Honors Geometry LS	<b>3. Math</b> Statistics AP/Honors Pre-Calculus AP/Honors Calculus AP/Honors
<b>4. Science</b> Integrated Science CP Biology Honors/CP	<b>4. Science</b> Biology Honors/CP Chemistry Honors/CP Physical Science Earth & Space Science	<b>4. Science</b> Chemistry Honors/CP Physics Honors/CP Physical Science Earth & Space Science	<b>4. Science or Career Elective</b>
<b>5A. 9th Grade Seminar*</b> <b>0.5 Credit</b> <i>*required beginning Class of 2029</i> <b>5B. PE &amp; Health</b> Phys Ed I 0.25 Credit Health I 0.25 Credit	<b>5A. Career Elective 0.5 Credit</b> <b>5B. PE &amp; Health</b> Phys Ed II 0.25 Credit Health II 0.25 Credit	<b>5A. Personal Finance</b> <b>0.5 Credit</b> Honors/CP Consumer Math <b>5B. PE Elective</b> <b>0.5 Credit</b> (11th or 12th Grade)	<b>5. Career Elective</b>
<b>6. World Language</b> Spanish I Spanish II Advanced Spanish II French I French II Spanish for Native Speakers	<b>6. World Language</b> Spanish II Spanish III Advanced Spanish II Advanced Spanish III French II French III Spanish for Native Speakers	<b>6. Career Elective</b>	<b>6. Career Elective</b>
<b>7. Other Elective</b>	<b>7. Other Elective</b>	<b>7. Career Elective</b>	<b>7. Career Elective</b>

Interboro Career Electives for Business Finance & Information Technology – Professional Course Alignment <i>*Courses listed below are introductory courses from each pathway for satisfying the General Studies Requirement.</i>				Available at Delaware County Technical School
Sports Management Strand	Computer Sciences Strand	General Career Electives		
Sports Management <b>0.5 Credit</b>	Computer Programming <b>0.5 Credit</b>	Intro to Business <b>0.5 Credit</b>	Marketing and Advertising <b>0.5 Credit</b>	Logistics and Inventory Management <b>3 Credits</b>
Personal Fitness/ Weight Room <b>0.5 Credit</b> <i>*If not used for PE Credit</i>	Web Page Design <b>0.5 Credit</b>	Computer Applications <b>0.5 Credit</b>	Entrepreneurship (Dual) <b>1 Credit</b>	Computer IT Programming and Software Development <b>3 Credits</b>
Physical Education Major <b>0.5 Credit</b> <i>*If not used for PE Credit</i>	Advanced Web Page Design <b>0.5 Credit</b>	Internship in Pathway Related Field <b>1-2 Credit</b>	AP Macroeconomics <b>1 Credit</b>	Computer Networking and Digital Forensics <b>3 Credits</b>
<b>Hotel and Restaurant Management Strand</b>	Video Game Programming I <b>0.5 Credit</b>	Statistics AP/Honors <b>1 Credit</b> <i>*Elective only if Calculus fulfills pathway requirement</i>	AP Seminar <b>1 Credit</b> <i>*If not used for English Credit</i>	Culinary Arts <b>3 Credits</b>
Culinary Arts <b>0.5 Credit</b>	Video Game Programming II <b>0.5 Credit</b>	LeadX <b>.25 Credit</b>	Web Page Design <b>0.5 Credit</b>	<b>Available at Delaware Community College</b>
Culinary Arts II <b>0.5 Credit</b>	Mobile App Development <b>0.5 Credit</b>	Calculus AP/Honors <b>1 Credit</b> <i>*Elective only if Statistics fulfills pathway requirement</i>	Breaking Down Breaking News <b>0.5 Credit</b>	Business Academy <b>8 Credits</b>
<b>Teaching Strand</b>	AP Computer Science Principles <b>1 Credit</b>	Geo-Connections <b>0.5 Credit</b>	Creative & Sustainable Design <b>1 Credit</b>	
Educators Rising I <b>1 Credit</b>	Drone Pilot Certification (Dual Enrollment) <b>1 Credit</b>	Economics Apprentice <b>0.5 Credit</b>	Digital Publishing <b>0.5 Credit</b>	
Educators Rising II <b>1-2 Credits</b> (Computer Science; Business Placement)	AP Cybersecurity <b>1 Credit</b>	AP Business & Personal Finance <b>1 Credit</b>		

<b>Pathway Minimum Requirement - 23 Credits required for Graduation</b>
English <b>4 Credits</b>
Science <b>3 Credits</b> <i>*Minimum 1 Chemistry Credit</i>
Math <b>4 Credits</b> <i>*Minimum 1 Statistics Credit</i>
Social Studies <b>4 Credits</b>
World Language <b>2 Credits</b>
Career Electives <b>4.5 Credits</b> <i>*Students taking 4 science credits or 3 science with an AP lab are required to earn 3.5 Credits of Career Electives</i>



**Business Finance & Information Technology – Technical Course Alignment**

Related Careers:

Secretary, Receptionist, Finance - Teller, Credit Union, Investment and Brokerage Firm, Real Estate, Sales Associate, Retail Management, Telemarketing, Telecommunications, Legal Assistant, Court Reporting, Data Processing, Micro-computer Technology Specialist, Assistant Management

Grade 9	Grade 10	Grade 11	Grade 12
<b><u>1. English</u></b> English 9 Honors/CP English 9 LS	<b><u>1. English</u></b> English 10 Honors/CP English 10 LS AP Seminar	<b><u>1. English</u></b> American Literature Honors/CP English 11 LS AP Language & Composition	<b><u>1. English</u></b> English 12 Honors/CP English 12 LS AP Literature & Composition
<b><u>2. Social Studies</u></b> Multi Cultures Honors/CP	<b><u>2. Social Studies</u></b> US History I Honors/CP AP European History AP World History	<b><u>2. Social Studies</u></b> US History II CP AP US History	<b><u>2. Social Studies</u></b> US Government & Politics CP AP Government & Politics AP European History AP World History
<b><u>3. Math</u></b> Algebra I Honors/CP Algebra II Honors/CP Algebra I LS	<b><u>3. Math</u></b> Algebra II Honors/CP Geometry Honors/CP Principles of Algebra II	<b><u>3. Math</u></b> Geometry Honors/CP Statistics AP/Honors Pre-Calculus AP/Honors Trigonometry CP/Statistics CP Geometry LS	<b><u>3. Math</u></b> Statistics AP/Honors Pre-Calculus AP/Honors Trigonometry CP/Statistics CP
<b><u>4. Science</u></b> Integrated Science CP Biology Honors/CP	<b><u>4. Science</u></b> Biology Honors/CP Chemistry Honors/CP Physical Science Earth & Space Science	<b><u>4. Science</u></b> Chemistry Honors/CP Physical Science Earth & Space Science	<b><u>4. Career Elective</u></b>
<b><u>5A. 9th Grade Seminar*</u></b> <b>0.5 Credit</b> <i>*required beginning Class of 2029</i> <b><u>5B. PE &amp; Health</u></b> Phys Ed I 0.25 Credit Health I 0.25 Credit	<b><u>5A. Career Elective 0.5 Credit</u></b> <b><u>5B. PE &amp; Health</u></b> Phys Ed II 0.25 Credit Health II 0.25 Credit	<b><u>5A. Personal Finance</u></b> <b>0.5 Credit</b> Honors/CP Consumer Math <b><u>5B. PE Elective</u></b> <b>0.5 Credit</b> (11th or 12th Grade)	<b><u>5. Career Elective</u></b>
<b><u>6. World Language OR Choice Elective</u></b> Spanish I Spanish II Advanced Spanish II French I French II Spanish for Native Speakers	<b><u>6. Other Elective</u></b> *Students planning on attending a 4 year university should take a second year of language.	<b><u>6. Career Elective</u></b>	<b><u>6. Career Elective</u></b>
<b><u>7. Other Elective</u></b>	<b><u>7. Other Elective</u></b>	<b><u>7. Career Elective</u></b>	<b><u>7. Career Elective</u></b>

Interboro Career Electives for Business Finance & Information Technology – Technical Course Alignment <i>*Courses listed below are introductory courses from each pathway for satisfying the General Studies Requirement.</i>				Available at Delaware County Technical School
<u>Sports Management Strand</u>	<u>Computer Sciences Strand</u>	<u>General Career Electives</u>		
Sports Management <b>0.5 Credit</b>	Computer Programming <b>0.5 Credit</b>	Intro to Business <b>0.5 Credit</b>	Marketing and Advertising <b>0.5 Credit</b>	Logistics and Inventory Management <b>3 Credits</b>
Personal Fitness/ Weight Room <b>0.5 Credit</b> <i>*If not used for PE Credit</i>	Web Page Design <b>0.5 Credit</b>	Computer Applications <b>0.5 Credit</b>	Entrepreneurship (Dual Enrollment) <b>1 Credit</b>	Computer IT Programming and Software Development <b>3 Credits</b>
Physical Education Major <b>0.5 Credit</b> <i>*If not used for PE Credit</i>	Advanced Web Page Design <b>0.5 Credit</b>	Cooperative Education Work Study in field <b>Up to 2 Credits</b>	Web Page Design <b>0.5 Credit</b>	Computer Networking and Cyber Security <b>3 Credits</b>
<u>Hotel and Restaurant Management Strand</u>	Video Game Programming I <b>0.5 Credit</b>	Economics Apprentice <b>0.5 Credit</b>	Breaking Down Breaking News <b>0.5 Credit</b>	
Culinary Arts <b>0.5 Credit</b>	Video Game Programming II <b>0.5 Credit</b>	Digital Publishing <b>0.5 Credit</b>	Creative & Sustainable Design <b>1 Credit</b>	
Culinary Arts II <b>0.5 Credit</b>	Mobile App Development <b>0.5 Credit</b>			
	AP Computer Science Principles <b>1 Credit</b>			
	Drone Pilot Certification (Dual) <b>1 Credit</b>			
	AP Cybersecurity <b>1 Credit</b>			

<b>Pathway Minimum Requirement - 23 Credits required for Graduation</b>
English <b>4 Credits</b>
Science <b>3 Credits</b>
Math <b>4 Credits</b> <i>*Minimum 0.5 Statistics Credit</i>
Social Studies <b>4 Credits</b>
World Language <b>1 Credit</b>
Career Electives <b>5.5 Credits</b>

## Human Services – Professional Course Alignment

Related Careers:

Public Relations, Caseworker, Child Protective Services, Counselor, Law Enforcement, Justice Services, Lawyer, Criminal Justice Services, Elementary Teacher, Secondary Social Studies Teacher, Sociologist, Psychologist/Psychiatrist, Librarian, Anthropologist, Archeologist, Clergy

Grade 9	Grade 10	Grade 11	Grade 12
<b>1. English</b> English 9 Honors/CP English 9 LS	<b>1. English</b> English 10 Honors/CP English 10 LS AP Seminar	<b>1. English</b> American Literature Honors/CP English 11 LS AP Language & Composition	<b>1. English</b> English 12 Honors/CP English 12 LS AP Literature & Composition
<b>2. Social Studies</b> Multi Cultures Honors/CP	<b>2. Social Studies</b> US History I Honors/CP AP European History AP World History	<b>2. Social Studies</b> US History II CP AP US History	<b>2. Social Studies</b> US Government & Politics CP AP Government & Politics AP European History AP World History
<b>3. Math</b> Algebra I Honors/CP Algebra II Honors/CP Algebra I LS	<b>3. Math</b> Algebra II Honors/CP Geometry Honors/CP Principles of Algebra II	<b>3. Math</b> Geometry Honors/CP Statistics AP/Honors Pre-Calculus AP/Honors Geometry LS	<b>3. Math</b> Statistics AP/Honors Pre-Calculus AP/Honors Calculus AP/Honors
<b>4. Science</b> Integrated Science CP Biology Honors/CP	<b>4. Science</b> Biology Honors/CP Chemistry Honors/CP Physical Science Earth & Space Science	<b>4. Science</b> Chemistry Honors/CP Physical Science Earth & Space Science	<b>4. Science or Career Elective</b>
<b>5A. 9th Grade Seminar*</b> <b>0.5 Credit</b> <i>*required beginning                      Class of 2029</i> <b>5B. PE &amp; Health</b> Phys Ed I 0.25 Credit Health I 0.25 Credit	<b>5A. Career Elective 0.5 Credit</b> <b>5B. PE &amp; Health</b> Phys Ed II 0.25 Credit Health II 0.25 Credit	<b>5A. Personal Finance</b> <b>0.5 Credit</b> Honors/CP Consumer Math <b>5B. PE Elective</b> <b>0.5 Credit</b> (11th or 12th Grade)	<b>5. Career Elective</b>
<b>6. World Language</b> Spanish I Spanish II Advanced Spanish II French I French II Spanish for Native Speakers	<b>6. World Language</b> Spanish II Spanish III Advanced Spanish II Advanced Spanish III French II French III Spanish for Native Speakers	<b>6. Career Elective</b>	<b>6. Career Elective</b>
<b>7. Other Elective</b>	<b>7. Other Elective</b>	<b>7. Career Elective</b>	<b>7. Career Elective</b>

Interboro Career Electives for Human Services – Professional Course Alignment <i>*Courses listed below are introductory courses from each pathway for satisfying the General Studies Requirement.</i>				Available at Delaware County Technical School
History Strand	Public Safety Strand	Early Childhood/Elementary Education Strand	General Career Electives	
Modern Heroes & Mythical Legends <b>0.5 Credit</b>	Criminal Justice <b>0.5 Credit</b>	Early Childhood Literature <b>0.5 Credit</b>	Computer Applications <b>0.5 Credit</b>	Emergency and Protective Services <b>3 Credits</b>
Early Childhood Literature <b>0.5 Credit</b>	Psychology <b>0.5 Credit</b>	Adaptive PE/Bucs Buddies <b>0.5 Credit</b>	World Languages beyond 2 required Credits	Early Childhood Education <b>3 Credits</b>
Geo-Connections <b>0.5 Credit</b>	Forensic Science <b>0.5 Credit</b>	Educators Rising I <b>1 Credit</b>	Breaking Down Breaking News <b>0.5 Credit</b>	Teacher Preparation Academy <b>3 Credits</b>
Survey of Art History <b>0.5 Credit</b>	AP Psychology <b>1 Credit</b>	Educators Rising II <b>2 Credits</b> (Early Childhood; Elementary placement)	AP Seminar <b>1 Credit</b> <i>*If not used for English Credit</i>	
African American Studies <b>0.5 Credit</b>	Sociology <b>0.5 Credit</b>	Psychology <b>0.5 Credit</b>	Spanish I-IV <b>1 Credit</b> <i>*Beyond 1 required World Language credits</i>	
AP European History <b>1 Credit</b> <i>*If not used for Social Studies Credit</i>	<b>Human Services Strand</b>	AP Psychology <b>1 Credit</b>	French I-IV <b>1 Credit</b> <i>*Beyond 1 required World Language credits</i>	Available at Delaware Community College
AP World History <b>1 Credit</b> <i>*If not used for Social Studies Credit</i>	Adaptive PE/Bucs Buddies <b>0.5 Credit</b>	Sociology <b>0.5 Credit</b>	Advanced Spanish II-IV <b>1 Credit</b> <i>*Beyond 1 required World Language credits</i>	Teacher Education Program <b>12.6 Credits</b>
Sociology <b>0.5 Credit</b>	Psychology AP/CP <b>1 Credit</b>	<b>Teaching Strand</b>	Spanish for Native Speakers <b>1 Credit</b> <i>*Beyond 1 required World Language credits</i>	Social and Human Services Assistant <b>6 Credits</b>
Genocide and the Holocaust <b>0.5 Credit</b>	Sociology <b>1 Credit</b>	Educators Rising I <b>1 Credit</b>	AP Spanish Language & Culture <b>1 Credit</b> <i>*Beyond 1 required World Language credits</i>	
		Educators Rising II <b>1-2 Credits</b> (Secondary Social Studies Placement)	Internship in Pathway Related Field <b>1-2 Credit</b>	

Pathway Minimum Requirement - 23 Credits required for Graduation
English <b>4 Credits</b>
Science <b>3 Credits</b> <i>*Minimum 1 Chemistry Credit</i>
Math <b>4 Credits</b> <i>*Minimum 1 Statistics Credit</i>
Social Studies <b>4 Credits</b>
World Language <b>2 Credits</b>
Career Electives <b>4.5 Credits</b> <i>*Students taking 4 science credits or 3 science with an AP lab are required to earn 3.5 Credits of Career Electives</i>



## Human Services – Technical Course Alignment

Related Careers:

Hospitality and Recreation, Travel Agent, Culinary Arts, Child Care - Child Care Management, Day Care Worker, Operator, Houseparent, Nanny, Maintenance, Cosmetology, Firefighter, Corrections Officer, Teacher's Aide

Grade 9	Grade 10	Grade 11	Grade 12
<b>1. English</b> English 9 Honors/CP English 9 LS	<b>1. English</b> English 10 Honors/CP English 10 LS AP Seminar	<b>1. English</b> American Literature Honors/CP English 11 LS AP Language & Composition	<b>1. English</b> English 12 Honors/CP English 12 LS AP Literature & Composition
<b>2. Social Studies</b> Multi Cultures Honors/CP	<b>2. Social Studies</b> US History I Honors/CP AP European History AP World History	<b>2. Social Studies</b> US History II CP AP US History	<b>2. Social Studies</b> US Government & Politics CP AP Government & Politics AP European History AP World History
<b>3. Math</b> Algebra I Honors/CP Algebra II Honors/CP Algebra I LS	<b>3. Math</b> Algebra II Honors/CP Geometry Honors/CP Principles of Algebra II	<b>3. Math</b> Geometry Honors/CP Statistics AP/Honors Pre-Calculus AP/Honors Trigonometry CP/Statistics CP Geometry LS	<b>3. Math</b> Statistics AP/Honors Pre-Calculus AP/Honors Trigonometry CP/Statistics CP
<b>4. Science</b> Integrated Science CP Biology Honors/CP	<b>4. Science</b> Biology Honors/CP Chemistry Honors/CP Physical Science Earth & Space Science	<b>4. Science</b> Chemistry Honors/CP Physical Science Earth & Space Science	<b>4. Career Elective</b>
<b>5A. 9th Grade Seminar*</b> <b>0.5 Credit</b> <i>*required beginning Class of 2029</i> <b>5B. PE &amp; Health</b> Phys Ed I 0.25 Credit Health I 0.25 Credit	<b>5A. Career Elective 0.5 Credit</b> <b>5B. PE &amp; Health</b> Phys Ed II 0.25 Credit Health II 0.25 Credit	<b>5A. Personal Finance</b> <b>0.5 Credit</b> Honors/CP Consumer Math <b>5B. PE Elective</b> <b>0.5 Credit</b> (11th or 12th Grade)	<b>5. Career Elective</b>
<b>6. World Language OR Choice Elective</b> Spanish I Spanish II Advanced Spanish II French I French II Spanish for Native Speakers	<b>6. Other Elective</b> *Students planning on attending a 4 year university should take a second year of language.	<b>6. Career Elective</b>	<b>6. Career Elective</b>
<b>7. Other Elective</b>	<b>7. Other Elective</b>	<b>7. Career Elective</b>	<b>7. Career Elective</b>

Interboro Career Electives for Human Services – Technical Course Alignment <i>*Courses listed below are introductory courses from each pathway for satisfying the General Studies Requirement.</i>				Available at Delaware County Technical School
Human Services Strand	Public Safety Strand	Early Childhood/Elementary Education Strand	General Career Electives	
				Emergency and Protective Services <b>3 Credits</b>
Adaptive PE/Bucs Buddies <b>0.5 Credit</b>	Criminal Justice <b>0.5 Credit</b>	Early Childhood Literature <b>0.5 Credit</b>	Computer Applications <b>0.5 Credit</b>	Early Childhood Education <b>3 Credits</b>
Psychology <b>0.5 Credit</b>	Psychology <b>0.5 Credit</b>	Adaptive PE/Bucs Buddies <b>0.5 Credit</b>	World Languages beyond 2 required Credits	
Sociology <b>0.5 Credit</b>	Forensic Science <b>0.5 Credit</b>	Educators Rising I <b>1 Credit</b>	Breaking Down Breaking News <b>0.5 Credit</b>	
Geo-Connections <b>0.5 Credit</b>	Sociology <b>0.5 Credit</b>	Educators Rising II <b>1-2 Credits</b> (Early Childhood; Elementary placement)	Spanish I-IV <b>1 Credit</b> <i>*Beyond 1 required World Language credits</i>	
		Psychology <b>0.5 Credit</b>	French I-IV <b>1 Credit</b> <i>*Beyond 1 required World Language credits</i>	
<b>Culinary Strand</b>		Sociology <b>0.5 Credit</b>	Advanced Spanish II-IV <b>1 Credit</b> <i>*Beyond 1 required World Language credits</i>	
Culinary Arts <b>0.5 Credit</b>			Spanish for Native Speakers <b>1 Credit</b> <i>*Beyond 1 required World Language credits</i>	
Culinary Arts II <b>0.5 Credit</b>			AP Spanish Language & Culture <b>1 Credit</b> <i>*Beyond 1 required World Language credits</i>	
			Cooperative Education Work Study in field <b>Up to 2 Credit</b>	

Pathway Minimum Requirement - 23 Credits required for Graduation
English <b>4 Credits</b>
Science <b>3 Credits</b>
Math <b>4 Credits</b> <i>*Minimum 0.5 Statistics Credit</i>
Social Studies <b>4 Credits</b>
World Language <b>1 Credit</b>
Career Electives <b>5.5 Credits</b>



# English Language Arts

The English Department curriculum for grades 9 through 12 integrates the PA Core standards through reading, writing, speaking and listening. Reflecting the individual differences and needs of students, the curriculum establishes as its primary purpose that each student will have maximum opportunity to:

- Build upon previous knowledge
- Develop higher level thinking skills
- Appreciate literature as an art form
- Use available technology as 21st century learners

English placement requirements for incoming Freshman:

**Resources:** CDT Scores + Teacher Feedback

**Honors=** 1118 & Higher (*\*work ethic to be taken into consideration*)

**College Prep=** 940-1117

English 9 1 Credit		9th Grade
College Prep 3012	Honors 3011	
<p>A major portion of the year’s work will emphasize writing and literature. In literature, students will analyze literary elements in novels, plays, poems, and short stories. In addition to in class discussions, assignments, and assessments, there will be independent reading given throughout the course of the year. Writing assignments will include literary analysis, argument essay, compare/contrast essays, and a variety of creating writing responses. The research process will be reviewed through a research project. Through reading and writing assignments students will practice the rules of grammar and correct usage of language. Students will also complete a variety of activities to prepare for the English Literature Keystone Exam.</p>	<p>The intensive study of American and World literature will include classroom discussion and written literary analysis. In the literature program, students will analyze literary elements in novels, plays, poems, and stories at an advanced and challenging pace. Independent reading will be assigned during the year. Critical thinking skills will also be applied to assigned novels and short stories studied in the classroom and those read independently. The mainstay of writing will be the literary analysis, as well as the informational and argumentative essay and a variety of creative writing responses. The research process will be reviewed through a research project. Through reading and writing assignments students will practice the rules of grammar and correct usage of language. Students will also complete a variety of activities to prepare for the English Literature Keystone Exam.</p>	



English 10  
1 Credit

10th  
Grade

College Prep 3022	Honors 3021	AP Seminar 3061
<p>This course is a thematic survey of literature with an emphasis on writing. Along with preparing students for the Keystone exams, the literature program will continue to expose students to literary works from around the world. Students will analyze literary elements in a variety of novels, plays, essays, poems and short stories. Non-fiction works will also be studied throughout the year. Writing assignments will include literary analysis essays, Keystone-style responses, a research project, as well as a variety of creative writing pieces. Through reading and writing assignments students will practice the rules of grammar and correct usage of language. Students will take the Literature Keystone Examination in May.</p>	<p>This course continues the intensive study of American and World literature from freshman year. The course will move at an advanced and challenging pace. Students are expected to actively contribute to classroom discussion. Along with preparing students for the Keystone Exam, the literature program will continue to expose students to literary works from around the world. Students will analyze literary elements in a variety of novels, plays, essays, poems and short stories. Non-fiction works will also be studied throughout the year. Independent novels will be read during the year. Writing assignments will include literary analysis essays, Keystone-style responses, a research project, as well as a variety of creative writing pieces. Through reading and writing assignments students will practice the rules of grammar and correct usage of language. Students will take the Literature Keystone Examination in May.</p>	<p>AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments. A teacher conversation and recommendation are required. <b>Students taking this course in 10th Grade will receive English Core Credit and will take the Literature Keystone Examination in May. Students taking this course in 11th or 12th Grade will receive elective credit and will still enroll in an 11th or 12th Grade English course.</b></p>



<b>English 11: American Literature</b> 1 Credit		<b>11th Grade</b>
<b>College Prep 3032</b>	<b>Honors 3031</b>	<b>AP English Language &amp; Composition 3030</b>
<p>The primary focus of the course is reading, interpreting and analyzing American Literature, literary periods, and themes. All literary forms will be read and studied.</p> <p>The literature program will move at an advanced and challenging pace exposing students to literary works from American writers.</p> <p>Independent reading of novels and plays will be assigned during the course of the year in which critical thinking skills will be assessed.</p> <p>The mainstay of writing will be the literary analysis, as well as the informational and argumentative essay. Through reading and writing assignments students will practice the rules of grammar and correct usage of language.</p>	<p>The primary focus of the course is reading, interpreting and analyzing American Literature, literary periods, and themes. All literary forms will be read and studied. The literature program will move at an advanced and challenging pace exposing students to literary works from American writers.</p> <p>Independent reading of novels and plays will be assigned during the course of the year in which critical thinking skills will be assessed. The mainstay of writing will be the literary analysis, as well as the informational and argumentative essay. Through reading and writing assignments students will practice the rules of grammar and correct usage of language</p>	<p>Students in this introductory college- level course will read and carefully analyze a range of nonfiction prose which includes essays, letters, speeches, and images. They will write essays that call for synthesis, analysis, and argument on specific topics. Students must bring to the course sufficient command of the mechanics of writing and the ability to read and discuss difficult prose.</p> <p>A teacher conversation and recommendation are required.</p>





English 12 1 Credit		12th Grade
College Prep 3042	Honors 3045	AP English Literature & Composition 3051
<p>This course is a survey course with an emphasis on writing. The literature program will expose students to literary works from a variety of writers and contemporary non-fiction articles. Students will analyze literary elements in a variety of novels, plays, poems and short stories.</p> <p>Writing assignments will include the informational, argumentative, and critical analysis essays as well as the research paper, and a variety of creative writing assignments.</p> <p>Through reading and writing assignments students will practice the rules of grammar and correct usage of language. Students will increase their language knowledge through various vocabulary studies</p>	<p>This course is an accelerated, rigorous survey course of literature with an emphasis on writing. The primary focus of the course will be reading, interpreting, and analyzing literature, literary periods, and themes. This is not an Advanced Placement course, but the literature program will move at an advanced and challenging pace exposing students to literary works by British writers and contemporary non-fiction articles. Students will analyze literary elements in a variety of novels, plays, poems and short stories.</p> <p>Writing assignments will include the informational and argumentative essay, the critical analysis research paper, as well as a variety of creative writing responses. Through reading and writing assignments students will practice correct usage of language</p>	<p>This course focuses on reading, analyzing, and writing about fiction, poetry, and drama from various periods. Students engage in close reading and critical analysis of the text, considering a work's structure, style, and themes, as well as its use of figurative language, imagery, and symbolism. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. The AP English Literature and Composition course aligns to an introductory college-level literature and writing curriculum. While there are no prerequisites, students should be able to read and comprehend college-level texts and write grammatically correct, complete sentences.</p>





<b>English Language Learner – Support</b> 1 Credit	<b>9th-12th Grade</b>
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**College Prep  
3031**

This class is designed for EL’s who score in a specific range on their overall ACCESS score. This class is an elective for the EL’s designed to provide support with their other content area classes in order to their elective coursework. Students will receive additional English instruction in reading, writing, listening and speaking in addition to their regular English class. This is a project-based class where lessons are completed Monday-Wednesday and students will bring assignments from content area classes Thursday-Friday, receiving a participation grade for the work performed.

<b>Video Production I</b> .5 Credit	<b>9th-12th Grade</b>	<b>Video Production II</b> .5 Credit	<b>10th-12th Grade</b>
<b>College Prep 3046</b>		<b>College Prep 3047</b>	

This is an introductory visual media course focusing on the history and science of television and film production. Students will study pre-production, production, and post-production storytelling through digital media utilizing iMovie software and digital film cameras.

Students will work individually and in groups, incorporating video, still images, sound and voice over, text, transitions and effects. Projects include the creation of PSA’s, commercials, interviews, music videos, and various other projects. Students will also learn how to successfully produce a daily morning news show (K-Scope).

Visual Production II will go deeper into the history and science of television and film production. The course will travel through a multitude of genres as students analyze the elements of film to obtain a deeper understanding and appreciation for the craft. Students will work individually and in groups to create projects.

**Prerequisite:** Video Production I

**Industry Recognized Credential:** Adobe Premier Pro





<b>Genocide &amp; the Holocaust</b> .5 Credit	<b>10th-12th Grade</b>
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**College Prep  
3016**

The purpose of this course is to study genocide and the Holocaust in detail. This course will concentrate on the steps leading to the Holocaust, events of the Holocaust itself, and the aftermath through literature, film, and historical analysis. The course will also touch on major atrocities in the late 20th century. Students must be in 10th through 12th grade to participate in the course due to the need for background knowledge gained in 9th grade English.

<b>Creative Writing</b> .5 Credit	<b>9th-12th Grade</b>
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**College Prep  
3017**

This course is designed for students who are interested in writing. Students will write on a daily basis. The class will consist of learning and executing various writing styles to help strengthen their use of the English language. The class focus will be to appreciate the art of writing.

<b>Film &amp; Literature</b> .5 Credit	<b>9th-12th Grade</b>
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**College Prep  
3036**

This class will connect themes in literature to note-worthy cinema in an engaging way. Here is what you can expect from this class: you will analyze film through discussion and writing; you will become a more knowledgeable and appreciative reader as well as a perceptive viewer of film; you will see connections between film and literature and be encouraged to see the connections in your own life as well.





<b>Modern Heroes &amp; Mythical Legends</b> .5 Credit	<b>9th-12th Grade</b>
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**College Prep  
3040**

Students will investigate the various forms of mythology from Egyptian, Greek/Roman, Norse, Native American to modern day. They will compare and research the archetype of the hero and heroes journey and apply it to modern literature. They will investigate how the mythology explains human behavior and the world around them. The students will research, collaborate, and present mythology of their choice and create their own myths. This course will also benefit students in later literature courses, as most literature is grounded in mythology.

<b>Early Childhood Literature</b> .5 Credit	<b>9th-12th Grade</b>
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**College Prep  
3039**

Students will learn to read, analyze, teach, and create children’s literature for an early childhood audience. Students will explore early literary skills and how to support young readers’ interest through immersive lessons and interactive games, crafts, and activities. The semester will culminate with students working with groups to teach a lesson, including an opening/hook, direct instruction, gradual release, and craft/game or other product.

<b>Digital Publishing</b> .5 Credit	<b>9th-12th Grade</b>
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**College Prep  
3037**

This course provides students with the skills needed to determine the validity and the reliability of the information disseminated daily through the internet, social media, and print media. Using the wealth of technology available, students will analyze media through persuasive strategies, learning how to identify these strategies and their efficacy. Students will learn about various publishing platforms and create their own media projects for them, which includes the yearbook publication. This course will ultimately develop critical thinking skills, enabling students to become more informed, analytical members of society.





# Social Studies

The Social Studies Department seeks to lead our students to a confirmed understanding of the rights and responsibilities of the informed American citizen. We strive to help our students build the requisite foundations for active, consistent citizenship by arming them with a 21st Century skill set that fosters preparedness and achievement in this historic era of globalization. Synthesizing both the creativity derived from fierce individuality and the conformity needed for social success, we enable balanced citizens...capable of realizing their full potential.

<b>Multi Cultures</b> 1 Credit		<b>9th Grade</b>
<b>College Prep 2012</b>	<b>Honors 2011</b>	
<p>College Prep Multi-Cultures will trace the development of civilization from evolution through the end of the World Wars. A chronological and thematic approach will guide students through individual units that include but are not limited to river valley civilizations and ancient empires, world religions, the Middle Ages, European expansion, imperialism, and the World Wars. To be successful in this course, students must complete reading assignments from the text, as well as from primary and secondary sources.</p> <p>Students must perform well on quizzes and tests, including a midterm and a final examination.</p>	<p>Honors Multi-Cultures will trace the development of civilization from evolution through the end of the World Wars. A chronological and thematic approach will guide students through individual units that include but are not limited to river valley civilizations and ancient empires, world religions, the Middle Ages, European expansion, imperialism, and the World Wars. Students are responsible for completing teacher-designed assessments, quizzes, tests, and a midterm and final. On top of this, a heavy emphasis on primary source analysis, research, and writing will make up a large portion of class time.</p>	





<b>U.S. History I</b> 1 Credit	<b>10th Grade</b>
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<b>College Prep 2022</b>	<b>Honors 2061</b>
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United States History I begins to build not only critical content knowledge of our country’s history, but also begins to develop a student’s ability to think like an historian and 21st century citizen. The course will cover all major topics from 1788-1900 and provide a significant focus on the changing American identity, politics, the economy, American culture and society, geography and the environment, and American foreign policy. Historical thinking skills to be taught and developed include sourcing, interpretation, comparison, causation, argumentation, close reading, contextualization, corroboration, intended audience, writer’s purpose, and point of view. Students must perform well on quizzes and tests, including a midterm and a final examination.

Honors United States History I is designed to prepare students to take an Advanced Placement® course during their junior year. Instructors will teach the same content as the College Prep version of this class with a heavier emphasis on independent reading, document-based analysis and assessments, as well as discussion of important historical topics. The course will cover all major topics from 1788-1900. Historical thinking skills to be taught and developed include sourcing, interpretation, comparison, causation, argumentation, close reading, contextualization, corroboration, intended audience, writer’s purpose, and point of view.

<b>AP European History</b> 1 Credit	<b>10th-12th Grade</b>
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**AP  
2021**

The Advanced Placement European History course is a rigorous program, comparable to an undergraduate college survey course in the given area. The course begins with an examination of Europe in 1450 and progresses to current times. Upon completion of the course, it is expected that students will develop: (a) an understanding of some of the principal themes in modern European history, (b) an ability to analyze historical evidence, (c) an ability to engage in historical interpretation, and (d) an ability to express historical understanding in writing. Students that participate in the course are expected to complete assigned summer work and to take the Advanced Placement Examination in May.

**Note: This course may be used as a substitute for 10th grade U.S. History I, 11th grade U.S. History II, or 12th grade Government, pending teacher approval.**



**AP World History**  
1 Credit**10th-12th  
Grade****AP  
2051**

Students investigate significant events, individuals, developments, and processes from 1200 to the present while fulfilling their required Social Studies credit. Designed to replicate the rigor of an undergraduate college-level modern world history course, AP World History: Modern students will develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. Students that participate in the course are expected to complete assigned summer work and to take the Advanced Placement Examination in May, a test in which students demonstrate those abilities needed to pursue upper-level studies in college.

**Note: This course may be used as a substitute for 10th grade U.S. History I, 11th grade U.S. History II or 12th grade Government, pending teacher approval.**



**U.S. History II**  
1 Credit

**11th  
Grade**

College Prep 2032	AP 2031
<p>United States History II builds upon the critical content knowledge of US History I, but also further develops a student's ability to think like an historian and 21st century citizen. The course will cover all major topics from 1896-2020 and provide a significant focus on the changing American identity, politics, the economy, American society, geography and the environment, and American foreign policy. Historical thinking skills to be taught and developed include sourcing, interpretation, comparison, causation, argumentation, close reading, contextualization, corroboration, intended audience, writer's purpose, and point of view. Each student will be asked to keep a notebook, take periodic examinations, read historical documents, construct essays, and complete projects. Students are also responsible for a midterm and final examination.</p>	<p>The Advanced Placement U.S. History course is a rigorous program, comparable to an undergraduate college survey course. It will be a fast-paced critical examination of our history from just prior to the first European explorations to the present. American identity, politics, economy, foreign policy, society, and geography will be covered. Students will be challenged to analyze and interpret historical evidence and complete considerable outside readings. Historical thinking skills to be used include sourcing, interpretation, comparison, causation, argumentation, periodization, point of view, writer's purpose, contextualization, continuity and change over time and synthesis. Students will be required to read and write extensively, while being highly organized.</p> <p>The goal of the course is to give students a true college level experience while also preparing them for the AP U.S. History exam.</p>





**U.S. Government & Politics**  
1 Credit

**12th Grade**

College Prep 2042	AP 2041
<p>This college-prep course is designed to both introduce students to the United States' system of government, and to help students become informed and active citizens upon graduation. Students will be guided by their instructors through a close study of each unit, while keeping a watchful eye on the goings-on in Washington D.C. The focus of the course will mainly be on the federal government, but it is important to understand that Washington's politics also have a trickle-down effect on what happens at the state and local levels. Students will learn about the principles of government, the Articles of Confederation and the Constitution, our system of federalism, civil liberties, and civil rights, the three branches of government, and the government's development of economic policies.</p>	<p>This course is a full year course in United States government and politics and includes both the study and the analysis of general concepts used to interpret U.S. politics. Students will cover topics that include but are not limited to: framework of the United States government and the Constitution; federalism; public opinion and political participation; civil liberties and civil rights; political parties; elections and campaigns; interest groups and the media; the three branches of government; the federal bureaucracy; and policy making.</p> <p>The goal of the class is for each student to take and achieve a passing grade on the Advanced Placement Exam in May. Students who select this course should be highly motivated and have the willingness and ability to meet the academic challenge.</p>

**African American Studies** **9th-12th Grade**  
.5 Credit

College Prep 2017
<p>This course will examine U.S. History through the lens of the African American experience. The course will focus on the social, political, economic, and artistic developments from the Middle Passage to the present day. This is a reading-intensive course, and the skills of critical thinking, reading, and writing will be emphasized. The course will be divided into 6 distinct units of history. In each unit, students will analyze writing, speeches, and artwork to help them define the African American experience. The units will be: African Kingdoms and the Middle Passage; Revolution to Antebellum Period; Civil War and Reconstruction; Post-Reconstruction to 1954 (Civil Rights); Civil Rights Movement; Contemporary Issues. This is a .5 credit, half-year elective course designed for motivated students willing to do readings and participate in scholarly discussion.</p>





<b>Criminal Justice - Will Return 2027-2028</b>	<b>9th-12th Grade</b>
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.5 Credit

**College Prep  
2018**

Students will learn about important, current, significant legal developments in criminal, constitutional, and civil law, especially as they apply to juveniles. They will learn effective arguments, how to structure a legal case, the importance of evidence, eyewitnesses, and testimony, and how to try a legal case in mock trials. It is an active, engaging class emphasizing how the law affects them daily.

<b>Economics Apprentice</b>	<b>9th-12th Grade</b>
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.5 Credit

**College Prep  
2016**

This course is for the creative, imaginative, and adventurous student who enjoys a challenge. The course is structured around a series of activities challenging each student's skills and abilities. Activities include using LEGO, international trade, Monopoly, money lending, and running an ice cream shop. Students will learn useful economic concepts while having an intellectually stimulating time.

<b>AP Macroeconomics - Will Return 2027-2028</b>	<b>10th-12th Grade</b>
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1 Credit

**AP  
2039**

AP Macroeconomics is an advanced placement course designed to provide students with a comprehensive understanding of the principles that govern the functioning of national economies. This course delves into essential macroeconomic concepts, such as economic indicators, fiscal and monetary policies, international trade, and economic growth. Through a combination of theoretical exploration and real-world applications, students will analyze the factors influencing a nation's economic performance and develop the skills to assess and propose policy solutions. With a focus on critical thinking and analytical reasoning, students will engage in discussions, case studies, and data analysis to gain a deep insight into the complexities of macroeconomic systems. The course is particularly beneficial for those considering future studies or careers in economics, business, finance, or public policy. Students who enjoy critical thinking, problem-solving, and analyzing data will find this course intellectually stimulating.





<b>Sociology</b> .5 Credit	<b>10th-12th Grade</b>
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**College Prep  
2036**

For this elective semester course, students will be introduced to sociology as the scientific study of human society and social behavior. All areas of social life will be explored, including work, community, religion, schools, family, gender, race, class, stratification & inequality, and crime & deviance. This course will enable students to apply both skills and knowledge as well as providing opportunities to better understand real-world problems and issues.

<b>Psychology</b> .5 credit	<b>10th-12th Grade</b>	<b>AP Psychology</b> 1 Credit	<b>11th-12th Grade</b>
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**College Prep  
2035**

**AP  
2038**

This course offers students an engaging introduction to the essential topics in psychology. Throughout this study of human behavior and the mind, you will gain insight into the history of the field of psychology, as well as explore current theories and issues in areas such as methodology, biopsychology, sensation and perception, states of consciousness, and psychological disorders. Through assignments, class discussions, simulations, and demonstrations, students will learn why they feel and act the way that they do, and thus, have a better understanding of behavior, mental processes, and most importantly, themselves.

This course will introduce the systematic and scientific study of the behavior and mental processes of human beings and other animals. Included is a consideration of the psychological facts, principles, and phenomena associated with each of the major subfields within psychology.

Students also learn about the ethics and methods psychologists use in their science and practice.

The aim is to provide a learning experience equivalent to that obtained in most college introductory psychology courses. All prospective college students electing this course need to maintain a high grade-point-average while completing numerous classroom assignments, activities, and engaging in discussions, simulations, and demonstrations. Culmination of the course will involve preparation and completion of the Advanced Placement Examination in Psychology held in May.

**Prerequisites:** Achievement of Proficient or Advanced score on the Literature Keystone Exam





<b>Breaking Down Breaking News</b> .5 Credit	<b>11th-12th Grade</b>
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**College Prep  
2020**

This course explores contemporary social, political, economic, and cultural issues facing local, national, and global communities. Students will engage in critical discussions, analyze diverse perspectives, and evaluate the impact of current events on society. Students will use in-depth research, case studies, debates, and project-based learning to study various topics including climate change, social justice, economic inequality, global conflict, public health, technology, and government policies.

<b>Geo-Connections</b> .5 Credit	<b>9th-12th Grade</b>
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**College Prep  
2019**

Human Geography is an engaging, interdisciplinary course designed to explore the relationship between people and their environments, both natural and built. Students will examine how human activities—such as migration, urbanization, and cultural practices—shape the world and interact with physical landscapes. Key topics include population patterns, cultural diffusion, economic systems, political structures, and the impact of globalization. Through case studies, map analysis, and geographic tools, students will develop a deeper understanding of the spatial patterns of human life and the ways geography influences global events, policies, and everyday experiences. This course encourages critical thinking, global awareness, and the development of skills for analyzing the dynamic connections between people, places, and the planet.



## Science

All students graduating from Interboro High School must have successfully completed three years of science. Those planning to pursue a post-secondary education should take at least four science courses, including courses from the five major disciplines of science - Biology, Chemistry, Earth/Space, Environmental/Ecology and Physics. There are courses available in all of these fields. In addition, there are Advanced Placement courses offered which are college level and give the student the opportunity to earn college credit while still in High School. A student enrolling in these courses must be prepared to do college-level work.

Placement for students moving from grade 8 science to a 9<sup>th</sup> grade science course will be determined using a points-based system. Each course will have a different number of required points for placement and the criteria will have the following point values:

**3 Points** – Scoring a 949 or Higher on the Biology Strand of the Spring Science CDT

**2 Points** – Scoring a 949 or Higher Overall on the Spring Science CDT

**2 Points** – Scoring between a 908 and a 949 on the Biology Strand of the Spring Science CDT

**1 Point** – Scoring between a 908 and a 949 Overall on the Spring Science CDT

**1 Point** – Scoring a 1121 or Higher on the Spring Math CDT

**1 Point** – Scoring a 1134 or Higher on the Spring Algebra 1 CDT

**1 Point** – Scoring a 1011 or Higher on the Spring Reading CDT

**1 Point** – Teacher Recommendation

**0 Points** – Scoring between 849 and 908 on either the Biology Strand or Overall, on the Spring Science CDT

\* Students who score below an 849 on either the Biology Strand or Overall, on the Spring Science CDT will be placed in 9<sup>th</sup> Grade Integrated Science.

### Course Requirements:

9<sup>th</sup> Grade Honors Biology – 5 Points or Higher

9<sup>th</sup> Grade CP Biology – 4 Points

9<sup>th</sup> Grade CP Integrated Science – 3 Points or Lower

**Students must meet the following requirements to maintain an Honors designation for next year in science:**

- Complete their current science course with an 80% or better overall grade.
- Complete their current math class with an 80% or better overall grade.
- Students must maintain a 70% or above at the end of each quarter.
  - The first time a student scores 70% or below, it will result in a parent/guardian meeting,
  - The second time a student scores 70% or below, it will result in being moved to CP for the current year.



**To move from a CP course to an Honors course a student must meet the following requirements:**

- Complete the CP course with a 90% overall grade.
- Score 80% or better within the assessment category for the course.

Example 9th Grade Placement

Student A received a score of 1000 on the Biology Strand, earning 3 Points. Student A received a score of 1010 Overall on the Spring Science CDT, earning 2 Points. Student A received 5 points qualifying for 9th Grade Honors Biology.

Student B received a score of 920 Overall on the Spring Science CDT earning 1 point. Student B received a score of 899 on the Biology Strand of the Spring Science CDT earning 0 points.

Student B received a score of 1122 on the Spring Math CDT, earning 1 point. Student B received a score of 1020 on the Spring Reading CDT earning 1 point. Student B received a Teacher Recommendation for Biology earning 1 point. Student B earned a total of 4 points qualifying for 9th Grade CP Biology.

<b>Integrated Science</b> 1 credit	<b>9th Grade</b>
<b>College Prep</b> <b>5012</b>	

This integrated course is designed to incorporate environmental and biological topics. Focusing on characteristics of life, tree of life, concepts of ecology, interdependence, and relationships among living organisms. Students investigate basic concepts through lab activities and projects using the processes of inquiry. This class provides the foundation for student success in future science courses.



Biology 1 credit					
College Prep 5022	9th-10th Grade	Honors 5011	9th-10th Grade	AP 5051A/5051L	11th-12th Grade
<p>This course builds upon the topics covered in Integrated Science. It covers the topics of basic chemistry, cellular processes, genetics, biotechnology, and evolution in preparation of the Keystone Exam in May. Included in this course are laboratory investigations, inquiry activities, projects and quizzes/tests. Students will take the Keystone Examination in May.</p>		<p>This course is a survey of biological sciences for the college bound student. The focus is on inquiry learning and the following topics are covered: basic chemistry, cells, cellular growth and reproduction, bioenergetics, homeostasis, genetics, biotechnology, evolution, and ecological relationships.</p> <p>Included in this course are laboratory investigations, lab reports, projects, quizzes/tests, and inquiry activities.</p> <p>Students will take the Keystone Examination in May.</p>		<p>In this Advanced Placement Biology class, the student will explore theories, concepts and issues related to the field in a double class period every day. Students will master critical thinking skills and demonstrate an ability to write, speak, and interpret material on a college level. A large focus of the course involves laboratory work and designing inquiry-based labs. The College Board gives the AP Exam for college credit in the spring and the cost of the test will be the responsibility of the student. Students should discuss with their instructor their particular interest in taking the AP Exam based on their choice of university and/or intended major after graduation. <b>Students taking this course must also take 5051L AP Biology Lab.</b> While this lab course receives AP course weighting, it represents an elective credit, not a science credit, that fulfills the minimum number of science credits required for graduation.</p> <p><b>Prerequisite:</b> Biology and Chemistry, Teacher Recommendation</p>	

Chemistry

1 credit

College Prep 5032	10th-12th Grade	Honors 5021	10th-12th Grade	AP (Dual Enrollment) 5020A/5051L	11th-12th Grade
<p>This math-based course will cover the periodic table, forms of matter, nuclear chemistry, naming of compounds, geometry, equations, the mole concept, stoichiometry, gas laws, liquids and solutions, acids and bases, thermodynamics, and electrochemistry. Lab work will be inquiry based with emphasis on safety. Algebraic concepts are widely utilized to solve scientific concepts.</p> <p>Included are tests, daily homework, labs and lab write-ups. Math proficiency is expected.</p> <p><b>Prerequisites:</b> Biology and Algebra I</p>	<p>This math-based course will cover all the topics of CP with more of an emphasis on mathematical computations as well as additional topics. These include the periodic table, forms of matter, nuclear chemistry, naming of compounds, geometry, equations, the mole concept, stoichiometry, gas laws, liquids and solutions, strong acids and bases, weak acid buffers, thermodynamics, electrochemistry, predicting products, and an introduction to organic chemistry. Lab work will be inquiry based with emphasis on safety. Algebraic concepts are widely utilized to solve scientific concepts.</p> <p>Included are tests, daily homework, labs, and lab write-ups.</p> <p><b>Prerequisites:</b> Biology and Algebra I</p>	<p>The AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore content such as: Atomic Structure and Properties; Compound Structure and Properties; Properties of Substances and Mixtures; Chemical Reactions; Kinetics; Thermochemistry; Equilibrium; Acids and Bases; Thermodynamics and Electrochemistry.</p> <p><b>Students taking this course must also take 5020L Chemistry Lab.</b> While this lab course receives AP course weighting, it represents an elective credit, not a science credit. Students have the option to take this course for dual enrollment credit with Harrisburg University</p> <p><b>Prerequisites:</b> Chemistry and Teacher Recommendation</p>			

Physics  
1 credit

College Prep 5042	11th-12th Grade	Honors 5031	11th-12th Grade	AP (Dual Enrollment) 5041	12th Grade
<p>In Physics we take natural phenomenon and model it mathematically. In this way we can better understand the real world. Topics that will be introduced include motion, forces, energy, and gravitation. These topics are studied via laboratory investigations and post lab discussions, then applied through problem solving and application labs.</p> <p><b>Prerequisite:</b> Algebra 2</p>		<p>In Physics, we take natural phenomenon and model it mathematically. In this way we can better understand the real world. Topics that will be introduced include motion, forces, energy, and gravitation. This course will be taught as a “pre-AP Physics” course and is lab intensive. Students will complete formal problem sets that showcase their problem-solving ability.</p> <p><b>Prerequisite:</b> Algebra 2</p>		<p>This course stresses problem solving using advanced mathematical techniques and analytical thinking. Preparation for the Calculus based Advanced Placement Physics test in the area of Classical Mechanics will be the primary goal of this course. Students have the option to take this course for dual enrollment credit with Harrisburg University.</p> <p><b>Prerequisites:</b> Precalculus and Honors Physics, Teacher Recommendation</p>	

Allied Health 1 credit	11th-12th Grade	Allied Health II 1 credit	12th Grade
College Prep 5046		Honors 5056	
<p>This science is an introduction to healthcare and encompasses the essence of anatomy and the healthcare industry. The students prepare through training that should lead to employment as an EMT, Medical Assistant, Technologist, Nursing Assistant, Therapist, RNs, and Medical School. Students will explore medical terminology, age specific care, health care practices, anatomy, the chain of infection, vital signs, infection control, First Aid, and CPR. Students will be introduced to a variety of healthcare careers and hear from guest speakers. Students will research the disease or injury of their choice and explore age specific care.</p> <p><b>Prerequisite:</b> Biology</p> <p><b>Industry Recognized Credential:</b> OSHA-10 Workplace Safety</p>		<p>This advanced course is a continuation of Allied Health I and focuses on anatomy and medical terminology using various online platforms and a college level text. During the year students must complete at least 30 hours of field experience at local health care facilities or interview 3 different medical professions. The students will continue to work closely with both guidance and the instructor in completing their plans for further education and career choices.</p> <p><b>Prerequisites:</b> Allied Health I</p>	



<b>Physical Science</b> 1 credit	<b>10th-12th Grade</b>
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**College Prep  
5037**

This course is designed to allow students to explore the basic concepts of Chemistry and Physics without the emphasis on math that is found at the CP Chemistry and CP Physics level. Physical Science students will explore the basic concepts of Algebra, Chemistry, Organic Chemistry, and Physics to solve problems while building connections to personal and societal issues.

<b>Earth &amp; Space Science</b> 1 credit	<b>10th-12th Grade</b>
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**College Prep  
5038**

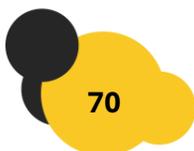
This course is designed to provide the college bound student a comprehensive background in the Earth/Space Sciences (Geology, Astronomy, and Meteorology will be covered). The night sky will be studied monthly using the Interboro planetarium. Topics will explain the dynamics of the physical earth and weather phenomena. The solar system and the universe will also be covered.

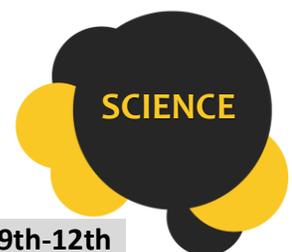
<b>AP Environmental Science</b> 1 credit	<b>10th-12th Grade</b>
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**AP  
5061**

AP Environmental Science will provide students with the scientific principles, concepts and methodologies required to understand the interrelationships of man and the natural world. Students will identify and analyze environmental problems both natural and manmade to evaluate the relative risks associated with these problems and to examine alternative solutions for resolving and preventing them. Investigation and critical thinking skills will be emphasized. The College Board gives the AP Exam for college credit in the spring and the cost of the test will be the responsibility of the student. Students should discuss with their instructor their particular interest in taking the AP Exam based on their choice of university and/or intended major after graduation.

**Prerequisites:** Biology and Algebra I, Teacher Recommendation





<b>Forensic Science</b> .5 credit	<b>9th-12th Grade</b>
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**College Prep  
5071**

Forensic Science is focused upon the application of scientific methods and techniques to solve problems based on real crime scenes and criminal law. This course is intended to introduce understanding the science behind crime detection. Scientific methods specifically relevant to crime detection and analysis will be presented with emphasis placed on the techniques used in evaluating physical evidence to solve problems. This course is “hands on” and involves labs and projects.

<b>Aquatic Biology</b> .5 credit	<b>9th-12th Grade</b>
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**College Prep  
5070**

Aquatic Biology is a half year course discussing both the marine (ocean) and freshwater ecosystems. The course will cover components of an aquatic ecosystem, relationships among aquatic habitats and ecosystems, roles of cycles within an aquatic environment, adaptations of organisms and how humans impact those aquatic environments. There will be a special emphasis on our local freshwater environment, John Heinz Refuge. This course will be “hands on” and develop the skills essential for studying science.

<b>Lab Technician</b> 1 credit	<b>11th-12th Grade</b>
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**College Prep  
5072**

This course prepares students with the foundational skills needed to work in real-world laboratory environments. Students learn proper lab techniques, equipment handling, solution preparation, and safety and hazardous-materials protocols. After developing core skills in Semester 1, students apply them in Semester 2 by supporting teachers with authentic lab operations, including setting up experiments, organizing materials, and maintaining equipment. The course emphasizes independence, accuracy, time management, and professional communication—key competencies for future work in scientific, healthcare, or technical labs.

**Prerequisites:** Biology and Chemistry



## Mathematics

The mathematics curriculum has been developed to accommodate the various levels of a student's mathematical abilities and skills. Our goal is to develop critical thinking skills through mathematical conceptual understanding that will better prepare students for a society in which the use of technology is not only emphasized but is now required. In order to best prepare students for the Algebra I Keystone Exam, the following course sequence is provided:

**9th Grade: Algebra I**

**10th Grade: Algebra II**

**11th Grade: Geometry**

Students will be rostered to take the Algebra I Keystone exam in January of the year they are enrolled in Algebra II.

All students moving from Grade 8 Math into Honors Algebra I must meet the following requirements:

- End grade 8 math with a 90% overall score.
- 95% of work is turned in on time and meets the standards set by the teacher at the beginning of the school year.
- Scale Score of 1200 or above on the Spring Classroom Diagnostic Assessment

Maintaining Honors enrollment in mathematics:

- Complete the course with an 80% overall score.
- Score 90% or better within the assignment category for the course.
- Student must maintain a 70% or above at the end of each quarter.
- Having anything below a 70% will result in a parent/guardian meeting,
- A second quarter below 70% will result in being moved to CP

To move from a CP course to an Honors course a student must meet the following requirements:

- Complete the CP course with a 90% overall score.
- Score 90% or better within the assignment category for the course

**Algebra I**

1 credit

9th  
Grade

**College Prep  
4012**

**Honors  
4010**

The goal of this course is to develop algebraic skills and problem-solving techniques, with a focus on developing students' ability to recognize and describe patterns using equations, tables, graphs. Students should expect to develop critical thinking skills, a strong mathematical vocabulary, and a deeper understanding of mathematics that will better prepare them for future mathematics courses in high school and beyond. Topics include linear equations and inequalities, linear functions, systems of equations and inequalities, polynomial expressions and equations, quadratic equations, and data analysis. Course 4011 is a double period of CP Algebra I designed to provide the necessary support in Algebra fundamentals for those students who require it. This two (2) credit course provides for one (1) credit of Mathematics and one (1) elective credit.

The goal of this course is to provide an in-depth study of algebraic skills and problem-solving techniques, with a focus on developing students' ability to recognize and describe patterns using equations, tables, graphs. Students should expect a challenging and rigorous curriculum designed to enhance critical thinking skills, mathematical vocabulary, and a deep understanding of mathematics that will better prepare them for upper-level mathematics in high school and college. Topics include linear equations and inequalities, linear functions, systems of equations and inequalities, polynomial expressions and equations, quadratic equations, and data analysis.

**Algebra II**  
1 credit

9th-10th  
Grade

**College Prep**  
**4032**

**Honors**  
**4031**

This course builds upon the concepts explored in Algebra I and Geometry. The course is based on the families of functions, including linear, quadratic, radical, and rational functions. Students will learn to represent functions as equations, tables, and graphs. They will also study coordinate geometry and model real world problems using functions. This course also features lessons that incorporate data analysis and geometry.

**Prerequisite:** Algebra I

This course builds upon the concepts explored in Algebra I and Geometry. The course is based on the families of functions, including linear, quadratic, radical, and rational functions. Students will learn to represent functions as equations, tables, and graphs. They will also study coordinate geometry and model real world problems using functions. In addition to the algebra content, this course features lessons that incorporate data analysis, geometry, and trigonometry.

**Prerequisite:** Algebra I

**Geometry**  
1 credit

10th-11th  
Grade

**College Prep**  
**4022**

**Honors**  
**4021**

In this full year course, students will explore geometric concepts, explorations and activities that build on their previous math courses, including Algebra I. Concepts such as distance, reasoning and proof, ratios, congruence and similarity, transformations, trigonometry, area, perimeter, surface area and volume will be explored. Students will make connections to algebra, and to the real world through applications. They will explore these concepts and topics in various ways, including the use of current technology.

**Prerequisite:** Algebra 1

In this full year course, students will develop reasoning and problem-solving skills as they study topics such as congruence and similarity of triangles, and apply properties of lines, triangles, quadrilaterals, and circles. They will also develop problem solving skills by using length, perimeter, area, circumference, surface area, and volume to solve real-world problems. This is an honors course; standardized testing skills and advanced explorations will also be presented.

**Prerequisite:** Algebra 1

**Precalculus**

**11th-12th Grade**

College Prep 1 credit <b>4043</b>	Honors 1 credit <b>4041</b>	AP 1 credit <b>4044</b>
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<p>This course is primarily for students desiring a full academic preparation of advanced algebra and trigonometry before taking calculus. It includes a thorough study of advanced algebra, trigonometry, and an introduction to basic calculus prerequisite concepts. This will give the student a background for continuing the study of mathematics in college and/or for meeting college entrance requirements.</p> <p><b>Prerequisite:</b> Algebra 2</p>	<p>This course is primarily for students desiring a full academic preparation of advanced algebra and trigonometry before taking calculus. It includes a thorough study of advanced algebra, trigonometry, and an introduction to basic calculus prerequisite concepts. This will give the student a background for continuing the study of mathematics in college and/or for meeting college entrance requirements.</p> <p><b>Prerequisite:</b> Algebra 2</p>	<p>AP Precalculus centers on functions modeling dynamic phenomena. This research-based exploration of functions is designed to better prepare students for college-level calculus and provide grounding for other mathematics and science courses. In this course, students study a broad spectrum of function types that are foundational for careers in mathematics, physics, biology, health science, business, social science, and data science. Furthermore, as AP Precalculus may or may not be the last mathematics course of a student's secondary education, the course is structured to provide a coherent capstone experience rather than exclusively focusing on preparation for future courses.</p> <p><b>Prerequisite:</b> Algebra 2</p>
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**Trigonometry**

.5 credit

**11th-12th Grade**

College Prep <b>4035</b>
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<p>This semester course will cover the properties and real-world applications of trigonometric functions using a traditional approach. The course will emphasize solving for missing sides or angles of triangles, the development of graphs using trigonometric functions, and commonly used trigonometric identities.</p> <p>Geometric and algebraic concepts will also be reviewed, such as area, volume, and solving equations to better prepare them for real-world mathematical applications.</p> <p><b>Prerequisite:</b> Geometry</p>
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Statistics

11th-12th  
Grade

<p><b>College Prep</b> .5 credit <b>4036</b></p>	<p><b>Honors</b> 1 credit <b>4050</b></p>	<p><b>AP</b> <i>(Dual Enrollment)</i> 1 credit <b>4061</b></p>
<p>This semester course is designed to provide opportunities for students to learn about statistics and elementary probability theory. Students will explore how to collect, organize, analyze, and interpret numerical data. Real world problems and applications will be presented to help students use statistics and probability in the decision-making process.</p> <p><b>Prerequisite:</b> Geometry</p>	<p>This course consists of a full academic year of work in statistics and related topics. The course is intended for students who have a thorough understanding of college preparatory mathematics: including Algebra, Geometry, and Algebra 2. Topics include summarizing and investigating data, descriptive statistics, and probability distributions, sampling methods and distributions, hypothesis testing, regression and correlation analysis. Critical thinking is emphasized in this course and is extremely important for student success.</p> <p><b>Prerequisite:</b> Algebra 2</p>	<p>An Advanced Placement (AP) course in mathematics that consists of a full academic year of work in statistics and related topics comparable to courses offered at colleges and universities. The course is intended for students who have a thorough understanding of college preparatory mathematics: including Algebra, Geometry, and Algebra 2. Topics include summarizing and investigating data, descriptive statistics, and probability distributions, sampling methods and distributions, hypothesis testing, regression and correlation analysis. Critical thinking is emphasized in this course and is extremely important for student success. Extensive summer preparation is required. Students have the option to take this course for dual enrollment credit with Harrisburg University.</p> <p><b>Prerequisite:</b> Algebra 2</p>

Calculus 1 credit	12th Grade	AP Calculus AB 1 credit	12th Grade
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**College Prep  
4052**

**AP  
4051**

This course will review advanced algebra and trigonometry topics. It will include the study of limits and continuity. Methods of differentiation and integration of polynomial, logarithmic and exponential functions, along with various applications of the derivative. An introduction to integration and basic applications of the integral will also be covered. This course prepares the student to experience success in a college calculus setting.

**Prerequisite:** Pre-Calculus

An advanced placement course in mathematics consists of a full academic year of work in calculus and related topics comparable to courses offered at the university level. The course is intended for students who have a thorough understanding of mathematics: including algebra, geometry and trigonometry. AP Calculus is a course in introductory calculus with functions. A list of topics includes properties of functions, limits, derivatives, anti-derivatives, and applications, techniques of integral calculus and applications of the definite integral.

**Prerequisite:** Pre-Calculus

**Consumer Math  
1 credit**

**12th  
Grade**

**College Prep  
4048**

This course teaches key math concepts essential for successful adult living. From buying groceries to budgeting for housing, education, and travel, to filling out job applications and interviewing for the job. Students gain practical math competence through real-world examples in the areas of money management, banking, credit-card math career choices, consumerism, jobs, coupons and everyday living. Basic skills lessons review and practical mathematical concepts essential to everyday life.

**May satisfy Personal Finance Requirement.**

**SAT Exam Prep  
0.5 credit**

**11th-12th  
Grade**

**College Prep  
7738**

This course is for all students planning to take and/or retake the SATs. Both the content of the exam and the strategies for success will be conveyed. Students will receive direct instruction, regular practice, and individualized help to learn skills such as problem-solving and reasoning that are needed to reach their maximum potential score on the SAT test.

**Prerequisite:** Algebra I

<p><b>Personal Finance</b> .5 credit</p>	<p><b>11th-12th Grade</b></p>	<p><b>AP Business &amp; Personal Finance</b> 1 credit</p>	<p><b>11th – 12th Grade</b></p>
<p><b>College Prep 7124</b></p>	<p><b>Honors 7223</b></p>	<p><b>AP 7323</b></p>	
<p>This semester-long course introduces students to the fundamentals of personal finance, equipping them with the tools they need to make smart and confident money decisions now and after graduation. Through hands-on learning, discussions, and real-life activities, students will cover:</p> <ul style="list-style-type: none"> <li>- Basics of banking: how to use checking and savings accounts, avoid fees, and save effectively.</li> <li>- Introduction to investing: what it means, how compounding works, and why it matters.</li> <li>- Understanding credit: different types of credit, how to use it, and the consequences of debt.</li> <li>- Strategies for managing debt and maintaining a healthy credit score.</li> <li>- Ways to pay for college: exploring scholarships, grants, loans, and repayment.</li> <li>- Insurance essentials: why insurance matters and how to choose the right coverage.</li> <li>- Key tax concepts and the basics of filing a return.</li> <li>- How to build and maintain a budget for daily expenses, savings, and future goals.</li> <li>- Consumer savvy: spotting scams, protecting your identity, and making smart purchase decisions.</li> </ul>	<p>This course offers a deep, analytical exploration of personal finance for college-bound and career-oriented students. Over the semester, students will grapple with real-world financial decisions using evidence-based frameworks drawn from behavioral economics, banking, and investing theory. Through interactive simulations, case studies, and project-based assessments, students will learn to:</p> <ul style="list-style-type: none"> <li>- Analyze investment strategies, balancing risk and return while considering long-term wealth generation.</li> <li>- Understand different forms of credit, interpret credit reports, and build credit responsibly.</li> <li>- Design a debt-management plan and assess its long-term impact on financial health.</li> <li>- Navigate the costs and tradeoffs of financing post-secondary education through college loans, scholarships, and grants.</li> <li>- Explore insurance options, assessing coverage needs, policy trade-offs, and risk mitigation strategies.</li> <li>- Prepare and file a simplified tax return, and consider how taxation interacts with earning and spending.</li> <li>- Create detailed, realistic budgets for different life stages, incorporating income, expenses, savings goals, and emergencies.</li> <li>- Evaluate consumer risks, learn to identify predatory practices, and develop strategies for protecting identity and financial well-being.</li> </ul>	<p>In this yearlong course, students will explore fundamental principles of business, including: how businesses create value and operate; how organizations compete in dynamic markets; and how leaders analyze situations and make decisions. The course also introduces students to the sound personal finance practices essential to making money and managing it, including:</p> <ul style="list-style-type: none"> <li>- Earning income</li> <li>- Spending and saving</li> <li>- Investing</li> <li>- Managing credit and risk</li> </ul> <p>Project-based learning – with instructional resources that are student-centered, hands-on, and career-connected. Real-world business and personal finance scenarios, case studies, and projects provide opportunities for career awareness and career exploration throughout the course.</p>	

## Physical Education & Health Education

The mission of the Health and Physical education department is to create a safe environment that fosters the preparation of the student for life-long cognitive and kinesthetic activity. The acquisition of techniques for self-discipline, consistency, and goal setting guides the development of intellectual, physical, and social capacities. The knowledge gained will provide the student with a richness of strength and character, preparing them to safely meet the physical and emotional demands of daily life.

<b>Health I</b> .25 credit	<b>9th</b> <b>Grade</b>	<b>Health II</b> .25 credit	<b>10th</b> <b>Grade</b>
<b>College Prep 8016</b>		<b>College Prep 8026</b>	
This course is a state required, conceptual course for freshman designed to assist students in developing the knowledge, attitudes, and skills necessary for productive, self-directed behavior. The lessons in the curriculum are keyed to reducing risk factors and steps of refusal skills, which will enable students to develop responsible behavior, positive self-esteem, and respect for others. The course also will explore the plight of mental illness and substance abuse among teens and identify prevention/intervention strategies to combat these issues as a teen.		This is a state required, conceptual course for sophomores. It is designed to give students exposure to topics concerning everyday life and touches upon the serious problems prevalent in modern society.  10th grade health is specifically designed for human sexuality and all the areas discussed which include Basic Human Sexuality, Anatomy of the female and male reproductive organs, responsible relationships, sexual abuse, pregnancy and development before birth, contraception, sexually transmitted infections, and HIV/AIDS.	

<b>Phys Ed I</b> .25 credit	<b>9th Grade</b>	<b>Phys Ed II</b> .25 credit	<b>10th Grade</b>
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<b>College Prep 8015</b>	<b>College Prep 8025</b>
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Physical Education is required of students in 9th and 10th grades every other day for one semester for .25 credits for each course (0.5 credits total). In 11th grade, physical education is required every day for one semester (0.5 credits). The Graduation Requirement for physical education is 1.00 credit. Each semester is divided into four (4) activity periods. The activities vary for each class and are coordinated based on the number of classes scheduled into the gymnasium each period. When students cannot participate in the prescribed activity, alternative or adaptive programs may be provided to the student. Such activities might include written assignments, out-patient prescribed physical therapy, school-based projects, walking, weight training, or aerobics.

Physical Education is required of students in 9th and 10th grades every other day for one semester for .25 credits for each course (0.5 credits total). In 11th grade, physical education is required every day for one semester (0.5 credits). The Graduation Requirement for physical education is 1.00 credit. Each semester is divided into four (4) activity periods. The activities vary for each class and are coordinated based on the number of classes scheduled into the gymnasium each period. When students cannot participate in the prescribed activity, alternative or adaptive programs may be provided to the student. Such activities might include written assignments, bulletin board construction, out-patient prescribed physical therapy, school-based projects, walking, weight training, or aerobics.

<b>Recreational Phys Ed</b> .5 credit	<b>11th-12th Grade</b>
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<b>College Prep 8029</b>
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This course is designed to give students the opportunity to achieve lifetime health and fitness through a combination of recreational activities, lifelong/lifetime sports, and fitness/wellness concepts. This course introduces students to those physical activities that can provide lifelong participation such as softball, golf/putt, recreational activities, volleyball, lawn games, power walking routines and more.

**Personal Fitness/Weight Room**

.5 credit

**11th-12th**

**Grade**

**College Prep**

**8030**

This course is designed to give students the opportunity to learn fitness concepts and conditioning techniques used for obtaining optimal physical fitness. Students will benefit from comprehensive weight training and cardiorespiratory endurance activities. Students will learn fundamentals of strength training, aerobic training, and overall fitness conditioning.

**Competitive Team Sports**

.5 credit

**11th-12th**

**Grade**

**College Prep**

**8031**

This course is designed to engage students in rigorous athletic team activities and competitions. Students must be familiar with rules and strategies of games and will grow and master skills and techniques needed for activities. Students will learn and compete daily. Activities will include but are not limited to basketball, eclipse ball, floor hockey, soccer, tchoukball and invasion sports.

**Physical Education Major**

.5 credit

**12th**

**Grade**

**College Prep**

**8046**

This program is designed for students who have an interest in education, physical education, athletic training, physical therapy, coaching, or any other leadership or kinesiology fields. The second part of the program will have the students designated to an assigned teacher and will act as an assistant in those classes. Gym majors will be required to assist teachers in administering physical fitness and skill tests to students in the regular classes. Logistical concepts will be presented including care of gymnasium facilities and equipment. Students will assist in developing hand-outs, tests, and other pertinent materials necessary for conducting an organized physical education program. Students will also apply and teach a designated activity to their assigned physical education class. The P.E. Major course will fulfill the regular P. E. requirements which must be satisfied by seniors. The methods, techniques, and emphasis of implementation of the criteria will be devised by the individual teacher. Junior students may apply to the Gym Major Program in the second semester. Students must meet the criteria established by the Physical Education department to be considered for the course.

**Contracted Physical Education**  
 .5 credit

**11th-12th  
Grade**

**College Prep  
8040**

This course provides an alternative option for those students whose schedule will not allow them to take physical education during the school day. The class will run after school from 3:00-4:00pm, two days per week, for one semester. The class will be led by a certified physical education teacher here in the district. Student admission into Contracted Physical Education will be based on the following criteria: schedule is filled junior year with content core classes; students cannot have failed physical education in 9th or 10th grade (those students must remediate by taking the course in summer school). Students will go through a 15-semester hour program designed by a physical education teacher, and they must be there for all 15 sessions to get full credit. Playing a sport/going to a fitness center DOES NOT meet the requirements for the class. This course only provides an alternative option for a student to receive physical education credit and is not designed to take the place of the physical education program here at the high school.

**Buc Buddies – Adaptive PE**  
 1 credit

**11th-12th  
Grade**

**College Prep  
8010**

This course combines students of all abilities to participate cooperatively in lifetime physical activities and fitness. Students will increase confidence, communication, and leadership skills while working with our life skills and autistic support students. Students interested in working in special education, childcare, and working with the special needs population should consider taking the course.

**Sports & Athletic Management**  
 .5 credit

**11th-12th  
Grade**

**College Prep  
8054**

This course is designed for students interested in pursuing a career in the sports management industry. The students will create their own “franchise” from the ground up. They will create a team with considerations of the operational setup of budgets, staffing, security, facilities management, and gameday operations and personnel. This course is for 11th and 12th graders only, and will count as their physical education credit.



# Art

The art curriculum at Interboro Senior High School is designed to engage/educate students in three key areas. First, the study of good design (aesthetics). Design is all around us and it is important for our students to be able to recognize the processes that affect their lives. Secondly, personal expression. At Interboro students can express themselves creatively in a safe supportive environment. Lastly, understanding the importance of art in a historical context. Art is not just about making something new. It can and should be used as a tool to understand past human events from primary sources. Delivering art instruction in these three areas helps our students gain a better understanding of themselves, their past and their world.

Art I .5 credit	9th-11th Grade	Art II .5 credit	10th-12th Grade	Art III 1 credit	11th-12th Grade	AP Studio Art 2 credits	12th Grade
College Prep 7315		College Prep 7325		College Prep 7335		AP 7346	
This course teaches basic drawing & design concepts with an emphasis placed on understanding the elements of art & principles of design. Students will be exposed to a variety of art media to expand their knowledge and appreciation for creating art.		This course is a continuation of the Art I program. Students will further develop their understanding of the elements of art & principles of design while completing more complex and more involved projects.  <b>Prerequisite:</b> Art I		This course studies advanced techniques in drawing, painting, design and sculpture. Students will be responsible for completing projects, participating in class critiques and maintaining a sketchbook. A prepared portfolio is expected at the end of this course.  <b>Prerequisite:</b> Art II or 2D Design or 3D Design		This intensive course offers advanced study in drawing, painting, design and sculpture. An area of concentration will be completed using a wide variety of materials and methods. Time will be used for portfolio preparation, art school and career exploration. AP students who choose to take the AP exam will pay an additional fee for the test  <b>Prerequisite:</b> Art III, a portfolio presentation, and a teacher recommendation	





**2D Design**

.5 credit

**9th-12th**

**Grade**

**College Prep**

**7326**

This course expands on the design aspect of Art I. Students will see how design influences every aspect of our everyday lives. Students will be exposed to a variety of media while they explore in depth concepts relating to the elements of art and principles of design.

**Prerequisite:** Art I

**Mixed Media Sculpture**

.5 credit

**9th-12th**

**Grade**

**College Prep**

**7329**

In mixed media sculpture, students will explore various building techniques using a variety of media. Students will be challenged to think in 3D while making projects and solving design problems. At the end of the class the students will have created a dynamic 3D portfolio with pieces that connect them and resonate with Art History. At the conclusion of the course the students entire portfolio will be assessed based on its solution to the design problems presented.

**Prerequisite:** Art I

**Survey of Art History**

.5 credit

**9th-12th**

**Grade**

**College Prep**

**7328**

This survey course examines the concepts of visual and design qualities of art and promotes an appreciation of multiple artforms. Students examine paintings, architecture, and sculptures from early history to the present. By the end of the course students will have a broader perspective on the significance of art in human history, a deeper understanding of various artistic movements, and an enhanced ability to analyze, interpret, and appreciate art.

**Prerequisite:** Art I

## Business

The Business and Technology Program of Studies is designed to develop problem-solving skills for everyday life to assist students in making informed career choices. Courses provide students the business and technology skills to prepare for transition not only into business and technology careers, but other educational and career paths. Additionally, students learn to manage personal business affairs accurately and efficiently, and students are prepared to make informed economic-based life decisions. These skills will benefit students regardless of their post-secondary pathway.

### Introduction to Business

.5 credit

9th-12th

Grade

### College Prep

7115

Students will have an opportunity to learn about the American enterprise system, how businesses are organized, and how businesses operate within our economic system. Students will be exposed to a variety of career choices in the business world. In addition to the textbook, students will explore real life scenarios, watch interesting and revealing videos showing how business affects our lives and society, while interacting with classmates and guest speakers.

### Marketing and Advertising

.5 credit

9th-12th

Grade

### College Prep

7116

This hands-on semester course will introduce students to the world of marketing and advertising. We will explore the process of bringing a product or service to market. Topics include product or service conception, pricing, promotion, and distribution. A marketing plan will be created for a product or service of your choice. We will explore ideas using a hands-on approach to project-based learning using real world case studies along with discussion with classmates and guest speakers. Learn how businesses can influence the decisions made by consumers.



**Entrepreneurship**  
*(Dual Enrollment)*  
 1 credit

**11th-12th**  
**Grade**

**College Prep**  
**7160**

This year long course is designed for the student interested in design-thinking, building from a broad conception of entrepreneurship as pursuing the creation, delivery, and capture of value from new ideas – from a business perspective and/or social advocacy point of view. This EntreX curriculum emphasizes learning by doing and aims to use students’ full creative potential, empowering them to make a world they design. Students have an opportunity to participate in a regional and global venture competition. This course provides a Dual Enrollment opportunity with the University of Delaware; students will earn three (3) college credits upon successful completion of the course. Dual Enrollment coursework can satisfy an option within one of the Act 158 Graduation Pathways.

**Accounting I**  
 1 credit

**10<sup>th</sup> – 12<sup>th</sup>**  
**Grade**

**College Prep**  
**7129**

Accounting I introduces students to the fundamental principles and practices of financial accounting. This course provides a solid foundation in understanding how businesses record, analyze, and report financial information. Students will develop practical skills in maintaining accounting records, preparing basic financial statements, and applying the accounting cycle for service and merchandising businesses. Emphasis is placed on accuracy, organization, critical thinking, and real-world applications of accounting in personal finance and business. Through hands-on activities, simulations, and the use of accounting software or spreadsheet tools, students will gain experience in journalizing transactions, posting to ledgers, reconciling accounts, and interpreting financial data. This course prepares students for advanced accounting study, careers in business, and informed financial decision-making in everyday life.

## Computers/Information Technology

**Computer Applications - will return 2027-2028**

**9th-12th**

.5 credit

**Grade**

**College Prep**

**7118**

Taking the course will enable you to become a proficient user of Microsoft Office Products. Having technical skills in Word, Excel, Publisher, and PowerPoint, as well as internet-based products such as Google Apps and other internet tools will ensure an opportunity for success in high school, college and future careers. Additional Topics include discussion on Digital Citizenship and safety tips concerning social networking sites and electronic footprints tracking your communication and technology activities.

**Computer Programming**

**9th-12th**

.5 credit

**Grade**

**College Prep**

**7131**

This course will introduce students to programming using the Python language. The students will learn how to create computer code using variables, functions, loops, and other programming techniques. Fundamental programming skills will include designing, coding, debugging, and testing of applications. Basic concepts of general programming are a foundation for technical skills leading to career opportunities.

**Web Page Design - will return 2027-2028**

**9th-12th**

.5 credit

**Grade**

**College Prep**

**7121**

Students will learn Hypertext Markup Language (HTML5), the “universal” programming language of the Internet. Students will be introduced to HTML5 creating basic web pages. Understanding HTML5 will also enable students to follow and understand how web pages are constructed for the purpose of navigating the internet.



**Advanced Web Page Design**

.5 credit

9th-12th

Grade

**College Prep**

**7123**

Continuing where Web Page Design left off, students will continue to grow their knowledge of HTML5 while also introducing other languages used in web design such as CSS and JavaScript.

**Prerequisite:** Web Page Design

**Video Game Programming I**

.5 credit

9th-12th

Grade

**College Prep**

**7134**

Learn to create a video game using functional programming techniques. Use your imagination to design a game by selecting a playing field and creating characters with rules. You will determine how characters interact. It is a great way to develop algebra skills while making a video game.

**Video Game Programming II**

.5 credit

9th-12th

Grade

**College Prep**

**7140**

Video Game Programming II goes deeper into programming, building events and data structures on top of the foundation laid by Video Game Programming I. Students learn how the world-based event loop that drives their Video Game Programming I game works and use it to create animations using simple data types for their world. The Pyret programming language has more capabilities to enhance your gaming features. The Pyret language is similar to python and is being used in college entry level programming courses.

**Prerequisite:** Video Game Programming I

**Mobile App Development**

.5 credit

9th-12th

Grade

**College Prep**

**7136**

Asks students to look outward and explore the impact of computer science on society. The design process will be explored and applied to creating and refining a mobile app that integrates everything they've learned throughout the course into one capstone project.





<b>AP Computer Science Principles - will return 2027-2028</b>	<b>9th-12th Grade</b>
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**AP  
7137**

The AP Computer Science Principles course is designed to be equivalent to an introductory college computing course. In this course, students develop computational thinking vital for success across all disciplines. The course is unique in its focus on fostering student creativity. Students are encouraged to apply creative processes when developing computational artifacts and to think creatively while using computer software and other technology. They will also develop effective communication and collaboration skills, working individually and collaboratively to solve problems, and discussing and writing about the importance of these problems and the impacts to their community and society.

**Prerequisite:** Algebra I

<b>Drone Pilot Certification (Dual Enrollment)</b>	<b>11th-12th Grade</b>
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1 credit

**College Prep  
7142**

This course is designed for those interested in the recently expanding drone related careers. From aerial photography and cinematography, mapping and modeling, thermal imaging, and agricultural applications, there are many career fields that could benefit from having a drone pilot certification. Students will learn about geospatial technology drone applications, hear about aspects for starting a drone business, and explore the pathways to careers in manned aircraft and airport/airfield operations.

**Industry Recognized Credential: FAA Part 107 Remote Pilot Certification**



**AP Cybersecurity**

1 credit

11<sup>th</sup> – 12<sup>th</sup>

Grade

**AP****7143**

AP Cybersecurity gives students a career that helps them stay ahead in tech, solve real-world problems, and make a meaningful impact protecting people, companies, and even nations from digital threats.

Students will learn: common threats and vulnerabilities in the digital world and how they combine to create risk; how individuals and organizations manage risk and how risk can be mitigated through a defense-in-depth strategy; specific vulnerabilities, attacks, mitigations, and detection measures across a variety of domains including physical spaces, computer networks, devices, and data and applications. Throughout the course, students consider the impact of cybersecurity on individuals, organizations, societies, and governments.

Students get real-world, everyday experiences with authentic cybersecurity scenarios. Each unit includes between one and five scenarios that highlight professional career situations and require students to practice the use of the skills and course content within that unit.

Work-based scenarios include:

- Conduct a physical vulnerability assessment of a new lab.
- Recommend and diagram a set of security features for three LANs on a naval submarine.
- Assess the risk from possible vulnerabilities of internet-connected farm equipment.
- Set access to proprietary research and development on an air-gapped computer.

## Family and Consumer Sciences

The Family and Consumer Sciences department provides opportunities for students to experience possible career choices within and without the school environment. Courses are tracked as General FCS, Food Service and Hospitality, Apparel and Interior Design, and Human Services including teaching (preschool, kindergarten, elementary, middle, and high school) and elder care. All FCS courses include practical applications of technology and are meshed with the study of family, community, and workplace.

### Culinary Arts I

.5 credit

9th-12th

Grade

### College Prep

7520

This course focuses on the basics of cooking principles and techniques. Students will review safety and sanitation procedures, learn intricate knife cuts, practice advanced food preparation techniques, and explore careers in the culinary industry. Labs are incorporated weekly allowing students to apply what they have learned. The students will learn about a variety of food groups including breads, dairy and cheese, fruits and vegetables, nutrition, eggs, and measurement skills. Please note: students are expected to try all of the food we make in class. This course is a prerequisite for the advanced food courses. Basic skills learned in this class will be built upon in Culinary 2-Global Foods.

*\*Please see your counselor if you have food allergies*

**Industry Recognized Credential: OSHA 10 Hour Workplace Safety**

### Culinary Arts II – Global Foods

.5 credit

10th-12th

Grade

### College Prep

7521

This class is for the student who enjoys cooking and wants to explore advanced culinary techniques. Students will do this by exploring different cuisines such as French, Italian, English, Greek, Chinese, and Latin American to name a few. We will learn to make French mother sauces, pasta and pizza from scratch. Students will also study the countries and how their history influences cuisine today. Students will practice these advanced and specialty techniques in many hands-on lab experiences. Course requirements include a folder, projects, and laboratory experience, participating in a student demonstration, and hands on, team effort final exam.

**Prerequisite:** Culinary Arts I. *\*Please see your counselor if you have food allergies*

**Fashion and Construction I**

.5 credit

**9th-12th**

**Grade**

**College Prep**

**7525**

This class is almost 100% hands-on learning, where students explore a variety of sewing techniques. The course begins with topics such as color schemes, the elements and principles of design, and fabric and fiber types. Students will apply these design basics into a variety of projects that include skills such as hand-stitching, machine stitching, and knitting. Students will have the opportunity to create clothing and other textile items, read and apply pattern directions to garment construction, and will become environmentally conscious in their textile choices. Students will also have the opportunity to construct a project of their choice at the end of the semester!

**Fashion and Construction II**

.5 credit

**10th-12th**

**Grade**

**College Prep**

**7538**

This hands-on sewing course is designed for students who want to enhance their knowledge of sewing, garment creation, and the fashion industry. Students will become more familiar with essential sewing tools, techniques, and materials, while learning how to confidently operate a sewing machine. Throughout the course, participants will develop the skills needed to create their own simple garments and accessories. Topics include understanding fabric types, basic stitching, reading patterns, and garment construction techniques such as hems, seams, and zippers. Students will also gain insight into fashion trend forecasting, color theory, fabric selection, understanding how trends emerge and how to analyze them. By the end of the course, students will have completed several practical projects and gained the foundational skills necessary to tackle more advanced sewing challenges.

**Prerequisite:** minimum grade of C in Fashion & Construction I



**Music**

The Interboro School District Music Department strives to nurture and develop intrinsic musical curiosity and creativity while fostering independent musicians and lifelong advocates of the arts within local and global communities.

<b>Modern Band</b> .5 credit	<b>9th-12th Grade</b>
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**College Prep  
7462**

Formerly Guitar and Piano, Modern Band uses contemporary popular music as its repertoire, such as pop, rock, hip-hop, R&B, electronic dance music, and other contemporary styles as they emerge. Instruments used in class include guitar, bass, drums, keyboard, and other technology. Students will learn basic Instrumental technique, the reading of various types of music notation, along with comping and improvisation. Students will as whole group as well as small group ensembles. Soundtrap, Synthesia, dotpiano.com will be utilized.

<b>Digital Audio</b> .5 credit	<b>9th-12th Grade</b>
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**College Prep  
7457**

This course is designed to familiarize students with basic elements of music theory and of music production. Students will learn the basics of major and minor tonalities and will compose and arrange pieces using notation software. Students will use a sequencing program to record, edit and mix audio and MIDI data. Students will create multimedia using Garageband, iPhoto, and iTunes. Students will learn editing and production techniques as well as how to publish their finished work.

<b>Combination Band &amp; Chorus/Select Choir</b> 1 credit	<b>9th-12th Grade</b>
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**College Prep  
7419**

These courses are for the student who wants to participate in both band and choir. Students will follow curriculum from the full credit band and full credit choir courses, during the same class period. Students will rotate on a day- by-day basis from band to choir and will be required to participate in both the winter concert, spring concert, and IHS graduation.





<b>Band</b> 1 credit	<b>9th-12th Grade</b>
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**College Prep  
7416**

Students will develop instrumental technique through performance. Students will improvise, compose, and read standard band music. Students are to supply their own instruments unless arrangements have been made with the instructor. All students will be expected to perform in the winter concert, spring concert, and IHS graduation.

<b>Choir</b> 1 credit	<b>9th-12th Grade</b>
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**College Prep  
7415**

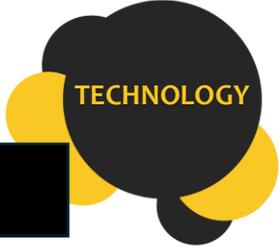
This course is offered to any student who is interested in singing. Students of all singing abilities are welcome to join this class. The goal of this course is to develop vocal technique and choral ensemble skills. Students are required to sing in two major concerts per year (Winter Concert, Spring Concert), attend a few after school rehearsals per semester, and perform in community performances. Course outcomes and expectations include applying vocal techniques and music theory to choral literature, singing in other languages, and developing leadership and teamwork skills in the choral ensemble. This course may be taken multiple times throughout high school.

<b>Rock &amp; Pop Music in Culture</b> .5 credit	<b>9th-12th Grade</b>
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**College Prep  
7463**

Rock and pop music have shaped generations, influenced social movements, and defined cultural identities across the globe. This course explores the evolution of rock and popular music from the 1950s to today, examining major artists, genres, technological innovations, and historical moments that transformed the musical landscape. Students will study how music reflects and drives cultural change, including topics such as youth culture, civil rights, political activism, fashion, and media. Through listening activities, video analysis, research projects, and discussion, students will learn to critically evaluate music and understand its cultural significance. Key topics include the birth of rock 'n' roll, the British Invasion, Motown and soul, punk and alternative movements, the rise of MTV, hip-hop's influence on pop, and current trends in digital music production and social-media-driven pop culture. By the end of the course, students will be able to identify major musical eras, analyze the social context behind popular songs, and articulate how music continues to shape identity and global culture.





# Technology

Students will recognize the relationships and the connections between technology and other fields of study while working to understand the attributes of design and apply the design process through a series of hands-on activities. Students develop skills in the areas of assessing the impacts of products and systems, researching, problem solving, develop safety awareness, while working collaboratively with others. Students will stress troubleshooting, research & development, invention and innovation, experimentation in problem solving while learning to use and maintain technological systems. Additional understanding of the nature of technology, technology and society, design, and the abilities needed to succeed in a technological world are addressed. Tech Ed. covers a diverse range of (STEAM) Science, Technology, Engineering, Art/Design and Mathematics curriculum.

<b>Introduction to S.T.E.A.M.</b>	<b>9th-12th Grade</b>
.5 credit	

**College Prep  
7215**

Introduction to the STEAM (Science, Technology, Engineering, Art/Design and Mathematics). Students will work in four areas including: biotechnology, graphics, 3D computer aided design (CAD), construction design. Students will explore these topics through hands on projects including maintaining tilapia fry (baby fish), designing t-shirts and notepads, CAD working drawings, truss type bridges and recycled hanging tomato gardens. Students will be utilizing the Design lab and Aquaponics lab.

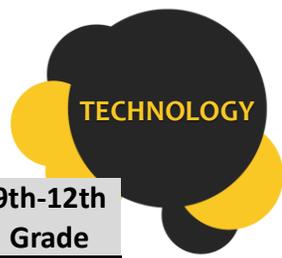
**Recommended for 9th; open to all grades**

<b>3D Computer Aided Design (CAD) – will return 2027-2028</b>	<b>9th-12th Grade</b>
.5 credit	

**College Prep  
7230**

This course will explore the introductory principles of engineering design and 3D modeling. Students will define the engineering design process (EDP) through product re-designs. Students will learn the guidelines needed for ergonomic and aesthetic design. Students will design (1) a presentation house model with an emphasis on interior layout; (2) a structural house model with an emphasis on building code using SketchUp computer aided design (CAD) program. **Fulfills technology elective requirement.**





<b>Graphic Design</b> .5 credit	<b>9th-12th Grade</b>
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**College Prep**  
**7227**

This class will explore digital photography in today’s professional world with an emphasis on graphic design. Students will learn techniques for professional retouching, repairing and manipulating digital photographs using Adobe Photoshop. Each student will use the network’s H: drive and develop a digital portfolio. **Fulfills technology elective requirement**

<b>Creative and Sustainable Design</b> <i>(Dual Enrollment)</i> .5 credit	<b>10th-12th Grade</b>
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**College Prep**  
**7231**

In this interdisciplinary course, students will embark on a journey to unleash their creativity, advance their problem-solving skills, and harness the power of design thinking to address pressing challenges through sustainable innovation. Building upon the foundational principles of creativity and design thinking, this DesignX curriculum offers a holistic approach to understanding and integrating sustainability into the design process. DesignX equips students with the knowledge, skills, and mindset necessary to drive sustainable innovation in today’s rapidly changing world. The course combines content from several University of Delaware undergraduate offerings into an integrated course opportunity for high school students, providing a comprehensive introduction to creativity and design thinking while helping students to develop a practical lens for devising sustainable solutions across organizational contexts. This course provides a Dual Enrollment opportunity with the University of Delaware; students will earn three (3) college credits upon successful completion of the course. Dual Enrollment coursework can satisfy an option within one of the Act 158 Graduation Pathways.





<b>Aquaponics</b> 1 credit	<b>10th-12th</b> <b>Grade</b>
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**College Prep**  
**7240**

This course will explore industrial level aquaponic farming systems. Students will work hands on maintaining various aqua culture (fish farming) and hydroponics (farming plants in only water) techniques. This course will give students experience in organic sustainable living. Students will monitor water chemistry, germinate and harvest plants/vegetables, breed and process tilapia. Students will be responsible for developing a lesson regarding aquaponics that will be presented to students from the Kindergarten Academy/Community schools. Student will have research labs in the fields of STEAM (Science, Technology, Engineering, Art/Design and Mathematics) and Biotechnology

**Prerequisite(s):** Intro to S.T.E.A.M. and one other of Wood Tech, 3D CAD, Graphic Design, or Construction Tech

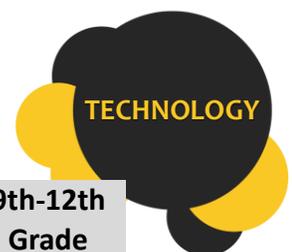
<b>Aquaponics Major</b> .5 credit	<b>11th-12th</b> <b>Grade</b>
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**College Prep**  
**7241**

Aquaponic majors will be required to assist instructors in maintaining aquaponic lab while assisting with regular Intro to STEAM and Aquaponic classes. Logistical concepts will be presented including care of aquaponic lavatory and equipment. Students will assist in developing hand-outs, tests, and other pertinent materials necessary for conducting an organized aquaponic lesson. The methods, techniques, and emphasis of implementation of the criteria will be devised by the individual teacher. Junior students may apply to the Aquaponics Major program in the second semester. Students must meet the criteria established by the Technology education department to be considered for the course.

**Prerequisite(s):** Students are required to have a teacher recommendation and have successfully completed Aquaponics.





<b>Wood Technology I</b> .5 credit	<b>9th-12th Grade</b>
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**College Prep**  
**7224**

This is an introductory course for students with little or no experience in woodworking. Wood I provides students with a variety of activities designed to give students knowledge about wood and wood manufacturing. Students will learn the care, names, proper use of hand power tools, machines, different types of wood, wood finishes, and occupations connected with wood manufacturing. In addition, students will learn to design and develop plans, make calculations, make critical thinking decisions, and work safely in an industrial environment.

<b>Wood Technology II</b> .5 credit	<b>10th-12th Grade</b>
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**College Prep**  
**7225**

This is a continuation of the concepts covered in Wood Technology I. Students will build on their knowledge of basic tool use and perform more advanced machine operations. Student projects will be on a larger, more complex scale, and a higher degree of accuracy required.

**Prerequisite:** Students are required to have a teacher recommendation to advance to Wood Technology II.

<b>Wood Technology III</b> .5 credit	<b>11th-12th Grade</b>
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**College Prep**  
**7228**

This course is for students with prior experience and superior skills in wood manufacturing. This class provides students with a chance to take their skills to a higher level of design and technique. Students learn to design projects, perform calculations, and make critical decisions at an advanced level.

**Prerequisite:** Students are required to have a teacher recommendation to advance to Wood Technology III.



## World Language

Any student contemplating the study of a world language should aim to attain proficiency in reading, writing, speaking and listening. The basic course requirements for all World Language courses include: studies in vocabulary and grammar, prepared and informal oral presentation, comprehension exercises, dictation, recitations, compositions, and reading. In language courses at all levels instruction also includes cultural exploration of the countries and the people connected with the language being studied.

Spanish I 1 credit	9th-12th Grade	Spanish II 1 credit	9th-12th Grade	Spanish III 1 credit	10th-12th Grade	Spanish IV 1 credit	11th-12th Grade
College Prep 7017		College Prep 7027		College Prep 7037		College Prep 7047	
<p>This course offers a basic introduction to the language. A foundation of vocabulary and grammar structures are presented through conversational exchanges, reading selections and written exercises. Students will begin to form an appreciation for the similarities and differences between the cultures being studied and their own.</p>		<p>This course is a review and continuation of Spanish I. Students will have the opportunity to strengthen their conversational skills and broaden their understanding of grammatical structures and cultural content. Writing skills will be further developed and continued study of vocabulary is emphasized. <b>Prerequisite:</b> Spanish I</p>		<p>This course focuses on further developing proficiency in reading, writing, speaking, and listening. Students will work with more complex grammatical structures and continue to acquire fluency with vocabulary. Exploration of fiction and non-fiction reading are included, as well as gaining a deeper understanding of cultural norms. <b>Prerequisite:</b> Spanish II</p>		<p>This course enables the student to apply and develop more fully the linguistic skills previously attained. Films and recordings provide a variety of speakers for oral comprehension. Literature selections are read and discussed in the content language. The study of history and literature is emphasized for cultural exploration and comparison. <b>Prerequisite:</b> Spanish III</p>	

<b>Advanced Spanish II</b> 1 credit	<b>9th-12th Grade</b>	<b>Advanced Spanish III</b> 1 credit	<b>10th-12th Grade</b>	<b>Advanced Spanish IV</b> 1 credit	<b>11th-12th Grade</b>
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<b>College Prep 7029</b>	<b>College Prep 7039</b>	<b>College Prep 7049</b>
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<p>This course provides an opportunity for students to expand content knowledge and enhance proficiency in all linguistic skill areas. Students will strengthen their conversational skills and broaden their understanding of grammatical structures and cultural content. Writing skills will be further developed and continued study of vocabulary is emphasized.</p> <p><b>Prerequisite:</b> Spanish I, Teacher Recommendation</p>	<p>This course focuses on further developing proficiency in reading, writing, speaking, and listening at a more advanced level. Students will work with more complex grammatical structures and continue to acquire fluency with vocabulary. A concentration on writing composition and exploration of literature are included, as well as gaining a deeper understanding of cultural norms.</p> <p><b>Prerequisite:</b> Adv Spanish II, Teacher Recommendation</p>	<p>This course gives students the opportunity to apply and develop the linguistic skills previously attained. Films and recordings provide a variety of speakers for oral comprehension. The study of history and literature is emphasized for cultural exploration and AP caliber assignments will be part of regular course work.</p> <p><b>Prerequisite:</b> Adv Spanish III, Teacher Recommendation</p>
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<b>Spanish for Native Speakers</b> 1 credit	<b>9th-12th Grade</b>
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**College Prep 7052**

Spanish for Native Speakers offers Spanish-speaking students the opportunity to study Spanish in an academic setting in the same way the native-English-speaking students study English language arts. These may include a desire to reactivate the Spanish they have learned in the past and develop it further, to learn more about their language and cultural heritage, to acquire literacy skills in Spanish, to develop or augment academic language skills in Spanish, to enhance career opportunities, or to fulfill a foreign language requirement.

**Prerequisite:** Students taking this course must have a background in speaking Spanish (through formal education in a Spanish-speaking country or through speaking Spanish at home as a first language) or must have completed the Advanced Spanish IV course.



## AP Spanish Language &amp; Culture

1 credit

12th  
GradeAP  
7051

The AP Spanish Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Spanish Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish. The AP Spanish Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions), practices (patterns of social interactions within a culture), and perspectives (values, attitudes, and assumptions).

**Prerequisite:** Spanish IV and teacher recommendation

French I 1 credit	9th-12th Grade	French II 1 credit	10th-12th Grade	French III 1 credit	11th-12th Grade	French IV 1 credit	12th Grade
College Prep 7016		College Prep 7026		College Prep 7036		College Prep 7046	
<p>This course offers a basic introduction to the language. A foundation of vocabulary and grammar structures are presented through conversational exchanges, reading selections and written exercises. Students will begin to form an appreciation for the similarities and differences between the cultures being studied and their own.</p>		<p>This course focuses on speaking and understanding the language. In this course the emphasis is placed on development of the student's vocabulary and reading skills, writing of controlled compositions, and extension of the student's control and understanding of grammar through more formal analysis of already familiar grammar patterns. Cultural awareness continues to be fostered throughout the course. <b>Prerequisite:</b> French I</p>		<p>This course focuses on further developing proficiency in reading, writing, speaking, and listening at a more advanced level. Students will work with more complex grammatical structures and continue to acquire fluency with vocabulary. A concentration on writing composition and exploration of literature are included, as well as gaining a deeper understanding of cultural norms. <b>Prerequisite:</b> French II</p>		<p>This course enables students to apply and develop the linguistic skills previously attained. Films and recordings provide a variety of speakers for oral comprehension. The study of history and literature is emphasized for cultural exploration and comparison. Vocabulary and grammatical study are advanced as students participate in performance-based assessments. <b>Prerequisite:</b> French III</p>	

## Special Education

The Interboro School District maintains a continuum of educational services for students who need additional supports to be successful in school. Interboro's administrative team and your child's case manager will assist you in understanding your child's needs and developing an appropriate educational plan to address your child's specific needs and to "walk you through" the process of obtaining appropriate services for your child. Courses below are designed to support our learners who need additional support in academic, emotional, and/or behavioral support.

Please note that a student's disability category or diagnosis does not dictate the type of classroom or instructional setting for the student. Services of any kind, regardless of the disability or how severe the disability, can be implemented in any setting or any classroom. In fact, we always attempt to educate all students in the Least Restrictive Environment (LRE), which is the regular education classroom with supports. Throughout all programs that we utilize in the special education classroom, we ensure they are research based and will address the various needs of our students. Academically we research and implement academic programs based on the following areas of ELA: Foundational Skills, Reading, Language and Writing. Specifically, we look for programs that address reading informational text, reading literature, vocabulary acquisition and use. Writing is an important component of the student's ELA programming. Programs that address for grammar and mechanics of writing are essential areas. Students have the ability to write and revise multiple pieces of writing. In the area of math, we focus on numbers and operations, algebraic concepts, geometry, measurement and data. The district utilizes Schoology as their virtual learning platform. All accommodations and modifications can be utilized through the platform.

<b>English 9 LS</b> 1 credit	<b>English 10 LS</b> 1 credit	<b>English 11 LS</b> 1 credit	<b>English 12 LS</b> 1 credit
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<b>6315</b>	<b>6316</b>	<b>6317</b>	<b>6318</b>
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<p>Curriculum in English 9 will mirror the curriculum offered in this English course while offering instruction and study at an appropriate pace. A major portion of instruction will be on vocabulary, literature, and writing. In the literature program, students will learn about and identify plot, theme, setting, conflict, character development, point of view and symbolism, and diction through several short stories, two novels and one play. Writing assignments will include: literary analysis, the five-paragraph composition and compare and contrast writing format. Through reading and writing assignments, students will practice the rules of grammar and correct usage of language. Students will increase their language knowledge through a vocabulary study program.</p>	<p>This course is a thematic survey of literature with an emphasis on writing. Along with preparation for the Keystone Examination, the literature program will continue to expose students to literary works from America and around the world. Students will analyze literary elements in a variety of novels, plays, poems and short stories. Writing assignments will include the informational and argumentative essay as well as a variety of creative writing responses. Through reading and writing assignments students will practice the rules of grammar and correct usage of language. Students will increase their language knowledge through a vocabulary study program. Students enrolled in English Lab 10 will take the Literature Keystone Examination in May.</p>	<p>This course is a survey course of American literature with an emphasis on writing and preparation for the Keystone Examination which will be re-attempted if student did not achieve proficiency on their initial attempt. The literature program will expose students to literary works from American writers and contemporary non-fiction articles. Students will analyze literary elements in a variety of novels, plays, poems and short stories. Writing assignments will include the informational and argumentative essay as well as a variety of creative writing responses. Through reading and writing assignments, students will practice the rules of grammar and correct usage of language. Students will increase their language knowledge through a vocabulary study program.</p>	<p>This is a survey course of British Literature. The literature program will expose students to literary works from American writers and contemporary non-fiction articles. Students will analyze literary elements in a variety of novels, plays, poems and short stories. Writing assignments will include the informational and argumentative essay as well as a variety of creative writing responses. Through reading and writing assignments, students will practice the rules of grammar and correct usage of language. Students will increase their language knowledge through a vocabulary study program.</p>
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**Algebra I LS**  
 1 credit

**6416**

The goal of this course is to develop algebraic skills and problem-solving techniques, with a focus on developing students' ability to recognize and describe patterns using equations, tables, graphs. Students should expect to develop critical thinking skills, a strong mathematical vocabulary, and a deeper understanding of mathematics that will better prepare them for future mathematics courses in high school and beyond. Topics include linear equations and inequalities, linear functions, systems of equations and inequalities, polynomial expressions and equations, quadratic equations, and data analysis. This class will follow the general education Algebra I curriculum but is for students who require a smaller learning environment in order to be successful.

**Principles of Algebra II**  
 1 credit

**6420**

This course builds upon the concepts explored in Algebra I and Geometry. The course is based on the families of functions, including linear, quadratic, radical, and rational functions. Students will learn to represent functions as equations, tables, and graphs. They will also study coordinate geometry and model real world problems using functions. This course also features lessons that incorporate data analysis and geometry. This is a course designed to survey the key topics of Algebra II; emphasis is placed on exploring the foundational principles of an Algebra II course. Students will take the Algebra I Keystone Exam in January.

**Prerequisite:** Algebra I

**Geometry LS**  
 1 credit

**6417**

Students will explore basic geometric concepts, explorations and activities that build on their previous math courses, including Algebra 1. Concepts such as distance, ratios, congruence and similarity, transformations, area, perimeter, surface area and volume will be explored. Students will make connections to algebra, and to the real world through applications. They will explore these concepts and topics in various ways, including the use of current technology.

**Prerequisite:** Algebra I



**Financial Literacy**

.5 credit

**6421**

Successfully growing up is a challenge when you do not understand finances. This class will help navigate the larger financial decisions that we have to make. This course will work on budgets, acquiring and using credit cards, how to buy a house, different types of insurance, taxes and more. This class will help students begin to think about their financial decisions and the consequences they hold for years to come. Students will have the opportunity to meet an insurance professional, realtor, and an accountant.

**May satisfy Personal Finance Requirement.**

**Skill Development for College and Career**

.5 credit

**6813**

Students will be exposed to resume writing, interview strategies, application management and other functional skills that will prepare them for real world experiences. In addition, throughout the course students will improve their executive functioning skills with organization, self- advocacy, and self-improvement. At the completion of the course, students will feel more confident applying and receiving a job.

**Employability Experience**

1 credit

**6002**

This semester-long class helps students build the skills they need to become more independent and ready for employment. Students volunteer at different community locations and practice real job tasks. We partner with several local businesses to give students hands-on experience with different kinds of work. Students are expected to work hard, communicate with others, and follow directions from supervisors.

In this class, students learn how to communicate effectively, manage emotions, work as part of a team, and build important job skills. They also create and improve their résumés using the volunteer experiences they complete. Additionally, students learn about food safety and prepare for the ServSafe Food Handler test. Students are encouraged to apply for jobs in the community, especially in the places where they volunteer.

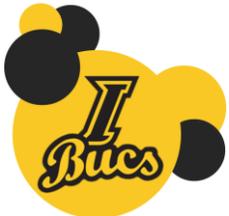


**Autistic Support**

<b>English</b> 1 credit <b>6100</b>	<b>Math</b> 1 credit <b>6101</b>	<b>Healthy Relationships</b> 1 credit <b>6104</b>
<p>This class will follow the regular education English curriculum while also providing students with a small group environment and additional supports that are differentiated to meet their needs.</p>	<p>This class will follow the regular education Math curriculum while also providing students with a small group environment and additional supports that are differentiated to meet their needs.</p>	<p>The purpose of this course is to teach students the communication and social skills to help them form and maintain meaningful relationships.</p>

**Emotional Support**

<b>English</b> 1 credit <b>6110</b>	<b>Math</b> 1 credit <b>6111</b>	<b>Social Studies</b> 1 credit <b>6113</b>	<b>Science</b> 1 credit <b>6112</b>
<p>This class will follow the regular education English curriculum while also providing students with a small group environment and additional supports that are differentiated to meet their needs.</p>	<p>This class will follow the regular education Math curriculum while also providing students with a small group environment and additional supports that are differentiated to meet their needs.</p>	<p>This class will follow the regular education Social Studies curriculum while also providing students with a small group environment and additional supports that are differentiated to meet their needs.</p>	<p>This class will follow the regular education Science curriculum while also providing students with a small group environment and additional supports that are differentiated to meet their needs.</p>



Life Skills

<p><b>English</b> 1 credit <b>6009</b></p>	<p><b>Math</b> 1 credit <b>6040</b></p>	<p><b>Social Studies</b> 1 credit <b>6210</b></p>	<p><b>Science</b> 1 credit <b>6501</b></p>
<p>The purpose of this course is to allow the student to continue strengthening and building English/Language Arts skills in a smaller classroom setting. Alignment to the regular education curriculum can be utilized when appropriate. Flexibility within this setting takes into account student skill levels. This class involves reading, writing and discussion. One novel is read each year, depending on student interest.</p>	<p>Students will participate in a multisensory approach to mathematics. Everyday math skills will be emphasized. Students work in small groups, phone in orders, complete order forms, make deliveries, collect and count money, record and calculate sales, write checks, make deposits, and complete a check register. Students will also compute problems involving fractions, decimals, percent, measurement and time. They will also have an opportunity to strengthen individual math skills.</p>	<p>This curriculum focuses on American History, map skills, government, technology, and the diversity of people who helped develop the United States. Students will discuss current events, develop an understanding of challenges, successes, geography and technology in the United States, use charts, tables, and map skills to enhance their understanding of historical events, and create timelines to explain historical events.</p>	<p>This class includes studying several units throughout the course of the year. A unit on oceanography involves learning about the different animals that inhabit the ocean. We learn about the different mammals and fish and all of the other elements of ocean life that create the ecosystem. This class also includes learning about weather, studying the different clouds and natural disasters. Another unit that this class studies is land animals. This unit touches upon the different habitats of each animal and their adaptations that enable them to survive in their environment.</p>



**Life Skills**

<b>Employment Skills</b> 1 credit <b>6219</b>	<b>Independent Living (Apt.)</b> 1 credit <b>6220</b>
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The purpose of this elective is to teach students the skills they will need to become more independent and employable. The students will have volunteer experiences with various jobs. Students must be willing to communicate and work with others. Throughout the year, classwork assignments relate to learning how to communicate effectively, express and deal with feelings, working with others and job skills.

The purpose of this elective is to teach students the skills they will need to become more independent in daily life. Students will learn how to safely and efficiently navigating daily independent-living tasks such as cooking, health & nutrition, money management, housing and home management.



# Workforce Development

The B.U.C.S. Workforce Development Program (Building Unique Career Skills) is dedicated to empowering Interboro students by bridging the gap between classroom learning and real-world experience. The program envisions a dynamic with businesses to cultivate a skilled, motivated, and career ready workforce while aligning with the evolving needs of the labor market and fostering meaningful community connections. Through strategic internships, externships, and hands-on learning opportunities, we connect students to diverse career pathways, equipping them with the skills, knowledge, and confidence needed to excel in college and/or the workforce.

The BUCS Work Program is dedicated to empowering Interboro students by bridging the gap between classroom learning and real-world experience. Our mission is to cultivate career-ready, college-prepared individuals who are inspired to pursue their unique passions and contribute meaningfully to their communities.



**Career Experience Definitions**  
**BUSINESS SITE: SHORT-TERM CAREER EXPERIENCES**



EXPERIENCE	DEFINITION	SPECIFICS
<b>Personalized Job Shadow</b>	Students work with company employees to visit the workplace, investigate a career field, and experience a typical day on the job.	<p><b>Number of Students:</b> 1 to 2 students</p> <p><b>Time:</b> Minimum three hours per experience; minimum of three separate experiences. (Same or different businesses)</p>
<b>Small Group Job Shadow</b>	A single visit where students work with businesses to visit the workplace, investigate a career field, and experience a typical day on the job.	<p><b>Number of Students:</b> 3 to 10 students</p> <p><b>Time:</b> Minimum three hours per experience; minimum of three separate experiences. (Same or different businesses)</p>
<b>Large Group Job Shadow</b>	A business representative(s) gives students a tour of the facility to share information and highlight a variety of jobs. <b>Recommended:</b> Short introduction meeting and a follow-up Q&A session at the end.	<p><b>Number of Students:</b> 1 to 3 students</p> <p><b>Time:</b> Minimum three hours per experience; minimum of three separate experiences. (Same or different businesses)</p>
<b>Mentorship</b>	A one-on-one experience between a business representative and a student, sharing insights and providing encouragement and guidance about the workplace, work ethics, careers, and educational requirements.	<p><b>Number of Students:</b> Varies depending on availability</p> <p><b>Time:</b> Minimum of 6 total hours. Recommended to meet multiple times throughout the course of a school year.</p>
<b>Service Learning</b>	Meaningful unpaid community service with instruction and reflection teaching civic responsibility and community involvement.	<p><b>Number of Students:</b> Varies depending on availability</p> <p><b>Time:</b> 10 hours or more combined with a reflection project or portfolio, approval from BUCS Work Coordinators</p>



**BUSINESS SITE: LONG-TERM CAREER EXPERIENCES**

EXPERIENCE	DEFINITION	SPECIFICS
<p><b>Internship</b></p> <ul style="list-style-type: none"> <li> Clearances Required</li> <li> Optional Paid Experience</li> </ul>	<p>An internship is an introduction to a career for one or two semesters. A structured work-experience program where the student experiences a career of interest. The internship plan is outlined in a training agreement with learning objectives and student evaluation requirements. An internship can be a paid or unpaid short-term work-experience for career exploration.</p> 	<p>Generally, you can expect that the internship will last one semester for at least 80 hours</p> <p>Fall and Spring internships based on availability</p> <p>1 credit per internship</p>
<p><b>Co-Op</b></p> <ul style="list-style-type: none"> <li> Clearances Required</li> <li> Paid Experience</li> </ul>	<p>A co-op is a job. The employment may continue after graduation. A hands-on work-experience connected to the student's career goal and a program of study. Co-Op includes a signed training agreement and plan, a co-op class with regular instruction, worksite visits, and quarterly supervisor evaluations, and is supervised by a BUCS Work Coordinator. A co-op is a job with an employer and employee relationship, including all applicable state and federal guidelines.</p> 	<p>Generally, you can expect that the co-op will last for one or two semesters during the 12th grade year. The students are expected to work for a minimum of 15 hours per week while being enrolled in the Employability Skills Course.</p> <p>*3 credits for the Full Year</p>
<p><b>Pre-Apprenticeship</b></p> <ul style="list-style-type: none"> <li> Clearances Required</li> </ul>	<p>The United States Department of Labor (USDOL) and the Pennsylvania Department of Labor &amp; Industry (L&amp;I) define pre-apprenticeship programs as having a documented partnership with at least one registered apprenticeship program and preparing individuals to enter and succeed in apprenticeship. Pre-apprenticeships can also help students decide on an occupational track, develop their foundational skills, and improve productivity once individuals gain employment.</p> 	<p><b>Time:</b> As defined by 3rd party providers such as Carpenters' Training Center and ABCEPA P.O.W.E.R. INITIATIVE</p>
<p><b>Apprenticeship</b></p> <ul style="list-style-type: none"> <li> Clearances Required</li> <li> Paid Experience</li> </ul>	<p>A career preparation activity designed to prepare an individual for careers in skilled crafts and trades. There are some apprenticeship programs that accept high school students between the ages of 16 and 18 to begin their apprenticeships. Apprenticeship training usually requires one to five years to complete, depending on which occupation is chosen.</p> <p>State and federal registered apprenticeship programs are work-based education partnerships between industry, labor, education, and government. Apprenticeship is industry-driven and provides an effective balance between paid on-the-job training and required classroom and laboratory instruction. There is a broad span of occupations from low tech to high tech in fields including medical, trades, crafts, and technology.</p> 	<p><b>Time:</b> As defined by 3rd party providers such as Carpenters' Training Center and ABCEPA P.O.W.E.R. INITIATIVE</p>

[www.interborosd.org](http://www.interborosd.org)





<b>BUCS Senior Internship Experience</b>	1-2 credits	<b>12th Grade</b>
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**College Prep  
7149**

The **Senior Internship Experience** is designed for college-bound seniors who want to explore their chosen career paths through hands-on, field-based learning. This program provides students with a unique opportunity to gain valuable workplace experience, develop professional skills, and enhance their college applications by engaging in real-world career exploration. Internships may be paid or unpaid and are tailored to align with students' academic and career interests.

**Program Requirements:**

- Intern a minimum of 6 hours per week and/or complete 80 hours per semester.
- Placements may occur in the morning (AM) or afternoon (PM), depending on availability.
- Log hours and document experiences based on a personalized learning plan.
- Maintain good academic standing, excellent attendance, and a clean disciplinary record.
- Complete an application process, including interviews and submission of required paperwork.

The Workforce Coordinators will provide students with a curated menu of internship opportunities, guiding them through the process of selecting a placement that best suits their interests and goals.

**Benefits of Internships:**

- Explore and confirm career interests before committing to a college major.
- Gain valuable field experience in a professional environment.
- Develop critical skills such as problem-solving, communication, and adaptability.
- Build a professional network of mentors and potential references.
- Enhance college applications and resumes with documented, real-world experience.

Students will reflect on their internships through journals, projects, or presentations, linking their experiences to personal and professional growth. By participating in this program, students will be better prepared for both college and future career opportunities, gaining a competitive edge in their educational and professional journeys.

Students participating in BUCS Senior Internship Experience will also participate in **LeadX**. This 1-credit dual enrollment course, in partnership with the University of Delaware, focuses on leadership as well as the early-stage development of the mindset, habits, character, ethic, and capabilities needed to continuously improve. Emphasis includes great questioning, thought, and reflection.





<b>Pre-Apprenticeship Program</b> 2 credits	<b>12th Grade</b>
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**College Prep  
7148**

The Pre-Apprenticeship Program is a senior-year, dual-enrollment, college-aligned career training opportunity offered in partnership with Delaware County Community College (DCCC). This program provides students with foundational skills in high-demand trades while earning industry-recognized credentials and preparing for direct entry into apprenticeship pathways after graduation.

Students enrolled in this program will complete three DCCC-aligned introductory courses: Carpentry Foundations, Electrical Foundations, and Blueprint Reading, along with the required OSHA-10 Safety Certification. Coursework is delivered through a combination of classroom instruction, hands-on learning, and applied technical training.

This pre-apprenticeship also supports students interested in continuing into regional apprenticeship programs, including opportunities connected to the Hanwha Philly Shipyard. Successful completion strengthens a student’s readiness for postsecondary training, skilled trade employment, and advanced technical study.

This program is designed for motivated seniors seeking a structured, career-focused experience that opens the door to high-skill, high-wage technical careers immediately after high school.

**Prerequisite:** Application and approval through the Workforce Coordinator; successful completion of the DCCC Accuplacer placement test



**BUCS Work Study Experience**

.5-2 credits

**12th  
Grade****College Prep  
7151**

The **Cooperative Education Work Study Experience** is designed for seniors planning to enter the workforce directly after high school. This hands-on program provides students with valuable real-world experience by combining part-time employment with structured, school-supervised learning. Paired with the **Cooperative Education Theory** course, this program ensures students develop the skills, work habits, and professionalism necessary for career success.

To participate, students must meet the following requirements:

- Secure employment by August 14<sup>th</sup>, 2026.
- Work a minimum of 15 hours per week and complete a total of 125 hours/marking period.
- Be on track to graduate with all required credits.

**Benefits of Co-op:**

- Gain practical experience in a workplace aligned with career interests.
- Develop essential workplace skills such as communication, time management, and problem-solving.
- Build a professional network of mentors and references.
- Transition seamlessly from school to full-time employment.
- Earn industry-recognized credentials and certifications where applicable.

Throughout the program, students will be monitored by the Co-op Coordinator to ensure a meaningful and productive experience. Evaluations from employers, the completion of required hours, and participation in the BUCS Work Theory course are mandatory for successful completion.

This dual-credit opportunity allows students to earn up to 2.0 credits while preparing for immediate entry into the workforce, equipping them with the skills and confidence to succeed in their chosen careers.

**BUCS Work Theory**

1 credit

12th  
Grade**College Prep****7150**

The **BUCS Work Theory** course is a required component for seniors participating in the BUCS Work Study program. This yearlong, 1-credit course is designed to bridge classroom learning with real-world work experiences, directly supporting students' success in the workplace. Students will also complete required clerical tasks such as hour logs, paycheck submissions, and program documentation during class time.

Key areas of focus include:

- **Soft Skills Development:** Enhancing communication, teamwork, and adaptability.
- **Workplace Ethics and Culture:** Exploring professional behavior, diversity, and inclusion.
- **Customer Service Skills:** Strengthening client interaction and problem-solving abilities.
- **Problem Solving and Decision Making:** Applying strategies to address real-world challenges.
- **Workplace Safety and Compliance:** Understanding safety practices and legal requirements.
- **Compensation and Benefits:** Learning about pay structures, deductions, and benefits.

Students will also have opportunities to earn micro-credentials and industry-recognized certifications, giving them a competitive edge as they prepare for post-graduation careers. This course is designed to align academic learning with workplace application, ensuring students are prepared to navigate workplace challenges, meet employer expectations, and excel in their career pathways.

**Educators Rising I (1 credit)  
& Educators Rising II (2 credits)**

**11th-12th  
Grade**

**College Prep  
7147 / 7148**

The **Educators Rising I** course is designed for high school juniors and seniors interested in pursuing a career in education. This comprehensive yearlong course provides foundational knowledge, practical experiences, and professional development opportunities to prepare students for post-secondary education and careers in teaching. Students who successfully complete this course as juniors may enroll in the **Educators Rising II** course in their senior year to further their learning and skill development.

**Program Highlights:**

- **Dual Enrollment Opportunities:** Earn up to 9 college credits through PennWest University or 6 credits through West Chester University by completing both Educators Rising I and II courses.
- **Credentialing:** Industry-recognized credentials are embedded into the coursework to enhance students' resumes and college applications.
- **Travel and Competitions:** Participate in state and national Educators Rising conferences, gaining exposure to the broader education community.
- **Comprehensive Curriculum:** The course follows the **Educators Rising Curriculum**, which focuses on seven key themes:
  - Understanding the profession
  - Developing a teaching identity
  - Applying education theory
  - Cultural competence and diversity
  - Professional ethics
  - Creating and managing safe learning environments
  - Instructional strategies

**Student Experience:**

Students will explore educational theory and practice through engaging lessons, hands-on activities, and fieldwork. Opportunities to develop leadership skills, reflect on teaching practices, and create a personal learning portfolio are integrated into the course. Additionally, guest speakers and mentors will guide students as they prepare for careers in the classroom.

**Benefits of the Program:**

- Lay the groundwork for a successful career in education.
- Gain college credits and credentials, reducing future tuition costs.
- Build a network of peers, mentors, and professionals in education.
- Explore career paths within the teaching profession and beyond.

This course is ideal for students passionate about making a difference in the lives of others through teaching. By combining theoretical knowledge with practical experience, participants will be well-prepared for the next step in their educational journey.

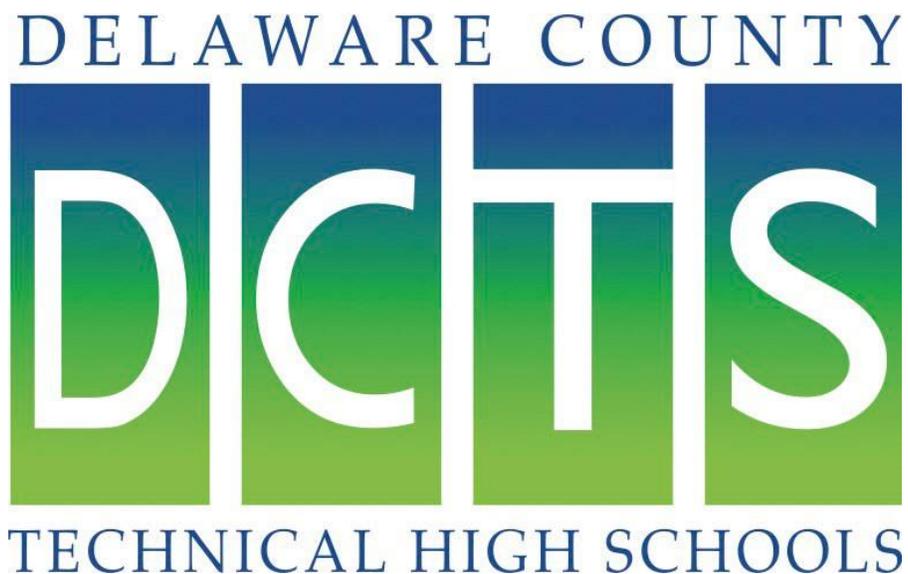
## Delaware County Technical School

Interboro School District has a partnership with the Delaware County Technical School (DCTS) in which students in **grades 10, 11, and 12** have the opportunity to complete a vocational program. These students attend their core classes (Math, Science, English, and Social Studies) at the high school for half of the day and attend the vocational program for the other half.

Each technical course is an extension of the high school program and students earn 3 CP credits for each year they attend the program in addition to the credits for the classes being taken at Interboro High School. The exception to this is the Medical Careers, Biomedical Technologies and Laboratory Sciences, and Exercise Therapy and Sports Science which earns 3 Honors credits.

Interboro School District would like to inform you that applications for the Delaware County Technical School for the 2026-2027 school year will not be processed for students who have been absent for 10 or more school days during the current academic year, unless there is a documented medical reason for the absences. Additionally, applications will not be processed if a student has received a Tier 3 or Tier 4 behavioral referral (as outlined in the student handbook) for the current school year. We appreciate your understanding and cooperation in helping ensure that all students meet the attendance and behavioral expectations required for participation in Delaware County Technical School programs.

Students must enroll in the Technical School program within the first two weeks of the school year. Any students interested in attending beyond the initial enrollment period will be on a case-by-case basis and require administrative approval.



## Construction Technology

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### **BUILDING TRADES**

This program teaches general construction skills and knowledge necessary to build a house. Practical experience and classroom training prepares students enrolled in the Building Trades program for employment in general construction or property maintenance. Students are taught carpentry, masonry, plumbing, roofing, drywall application, painting, and framing/finishing. Students learn basic safety, the use of hand tools and power tools, and construction technology. Students explore floor systems, wall systems, ceiling joists, and roof joists. They also learn plumbing with copper tubing and fittings. Students learn about exterior finishes, basic stair layout, electrical safety, residential electrical work, and PVC plumbing for drains, waste, and vents. Also, the opportunity is provided to students for creating a National Occupational Competency Testing Institute (NOCTI) box for their exam.

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### **CARPENTRY**

This program provides students the opportunity to learn building layout, framing, roofing, window and door installation, and finish trim work. On-site projects include the use of hand and power tools to do building layout, flooring, framing and wall construction, roofing, and the application of exterior and interior finishes. Upon graduation, students can continue their education through local union apprenticeships, a variety of partnering college programs, or the Association of Builders and Contractors. Through this project-based program, students learn about hand and power tool safety, measuring, layout, basic blueprint reading, basic wood joints, and material sizing. Additionally, they learn basic trim methods, advanced framing methods, interior trim package installation, exterior, roofing, window and door installation, blueprint reading, and estimation. Advancement in the program means students will be eligible to increase their knowledge on roof framing, building layout, advanced exterior finishes, advanced interior finishes, blueprint reading, deck construction, and advanced estimation.

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### **ELECTRICAL CONSTRUCTION TECHNOLOGY**

This program provides students with an introduction to the basic concepts of residential and commercial wiring. With an emphasis on safety, students install circuits, switches, conductors, circuit breakers, and other electrical devices. Topics covered include selecting and ordering materials, key supplies and tools, codes, blueprint reading, and low voltage wiring. Students are taught in compliance with the National Electrical Code (NEC) and the Residential Construction Academy (RCA) industry standards. Students begin working toward their RCA and OSHA 10 certifications immediately. When students first explore this program, they learn safety, tools, residential wiring, blueprints, circuitry, devices, raceways, bending, OHM's Law, and work to complete OSHA 10. As students continue in the program, they attain employability skills. Students gain more in-depth knowledge with respect to safety & tools, commercial wiring, review of blueprints, devices, raceways, bending, panels, disconnects, and circuitry.

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**HEATING, VENTILATION & AIR CONDITIONING (HVAC) AND PLUMBING**

HVAC and plumbing professionals are instrumental in ensuring that homes and buildings function properly on a daily basis. The HVAC and Plumbing Technology program introduces students to the basic concepts of residential and commercial work. With an emphasis on safety, students work with copper, black pipe, electric, and full HVAC systems. Topics covered include selecting and ordering materials, supplies, tools, codes, blueprint reading, and low voltage wiring. Students learn about safety, tools, residential work, blueprints, basic HVAC systems, and basic plumbing skills. Students are taught in compliance with the International Code Council (ICC) Plumbing, Mechanical, Fuel Gas Code and the Residential Construction Academy (RCA) industry standards.

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**WELDING**

The welding industry can be extremely rewarding due to the fact that employers have a constant need for skilled welders. Welding is used in manufacturing, construction and many other industries. In the Welding Technology program, students are taught oxy-fuel gas cutting principles and practices, arc cutting principles and practices, and welding inspection and testing principles. Welding Technology students research careers in the welding field and learn how to weld in all positions. Further, they learn how to interpret blueprints and layout projects from cutting to tacking to full completion of projects. Students learn about precision cuts in steel plates using superheated gases and learn how steel is formed from a liquid to solid. Students also gain hands-on training in a variety of welding procedures including shielded metal arc welding (STICK), gas metal arc welding (MIG), flux cored arc welding (FCAW) and gas tungsten arc welding (TIG). In this program, students learn how to use the proper equipment for testing welds, destruction, and hardness testing. They gain experience in reading and understanding manuals and specification charts for the welding process. The students learn how to use grinders and chemical baths for surface cleaning, proper clamping techniques, and welding standards established by the American Welding Society.

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## Hospitality, Tourism & Human Services

### EARLY CHILDHOOD EDUCATION

The Early Childhood Education (ECE) program prepares students to work with young children in a variety of settings. This requires an understanding of how children grow, learn, and develop. The curriculum is aligned with the National Child Care Association's core of 15 "Professional Abilities." Field experiences and practicums provide opportunities to become involved in actual work with children. The program also prepares students to be a Child Development Associate (CDA). The Early Childhood program prepares students for college and pathways in Early Childhood. Students learn about children through observation, study family characteristics, parenting and caregiver skills, prenatal development, children with special needs, and recognizing child abuse and neglect. Techniques are taught for guiding children and creating a safe, healthy learning environment. Also included in the program are brain development theories, observation and assessment, promoting children's safety, planning nutritious meals and snacks, guiding children's health, and developing guidance skills. Students develop and prepare classroom lesson plans and learning experiences while working with the preschool children enrolled within DCIU Head Start and Early Intervention programs. Experiences are provided for children in guiding art, block building, sensory experiences, storytelling, play and puppetry, manuscript writing, math and science, social studies, food and nutrition, music, and field trips.

### CULINARY ARTS & HOSPITALITY

The Culinary Arts program prepares students for success in the food service and hospitality industry. Students are taught food preparation, dining service, inventory control, safety, and sanitation. Students also learn nutrition, healthy cooking, equipment identification, use of hand tools, and culinary vocabulary. Students prepare soups and sauces, breakfast entrées, sandwich production, pies, cakes, yeast-raised products, entrée preparation, international dishes, vegetable preparation, garnishing, salads, and dressings. Students may seek immediate employment, enter an apprentice program or continue culinary or management studies at the postsecondary level. Culinary Arts is a creative program for students to learn teamwork, different techniques, and preparation skills. Students learn safety and sanitation efficiency as well as hospitality services.

### COSMETOLOGY

The Cosmetology program focuses on the fundamentals of the profession. This enables students to confidently begin working with hair, skin and nails early in their training. Technical skill development blends with applied sciences to guide them toward a successful career as a salon professional. During this three-year, 1250-hour training program, students learn hair sculpture, color application, chemical texture, and skin and nail procedures. Students study a wide variety of scientific applications, such as the chemistry of cosmetics, biology, human anatomy, and physiology. Upon completion, graduates are fully prepared to take the Pennsylvania State Board of Cosmetology examination. Students learn the history and career opportunities of Cosmetology. Topics of study include Life Skills, Professional Image, Communicating for Success, Infection Control: Principles and Practices, Basics of Electricity, Properties of the Hair and Scalp, Principles of Hair Design, Scalp Care, Shampooing & Conditioning, Hairstyling, Braiding and Extensions, Hair Cutting, Hair Removal, Facials, Make-up, Manicuring, and Pedicuring. Students must successfully complete the 1,250 hour training program to qualify for the Pennsylvania State Board of Cosmetology Examination.

*\*Students must enroll in this program beginning in their sophomore year*



**Logistics, Distribution & Transportation**

**AUTOMOTIVE TECHNOLOGY**

Automotive Technology is a recognized NATEF/ASE accredited instructional program that emphasizes skills to diagnose, service and maintain all types of automobiles. Upon graduation and following one year of employment in the field, students are eligible to take the automotive NATEF/ASE exam. Successful graduates of this program are qualified to enter the automotive field as entry-level service technicians in new car dealerships or related automotive businesses. When students start in the program, they are introduced to topics such as brakes, steering and suspension, electrical, and engine performance. If students believe a smooth-running engine is a beautiful sound, and want to keep cars running that way while using the most up-to-date tools and equipment, that student is in the right place! To be successful, students should be ready to work with constantly changing technology. They have the opportunity to put that knowledge to use with their hands in a timely manner to repair vehicles.

**COLLISION REPAIR TECHNOLOGY**

The Collision Repair Technology course is based on an occupational analysis of the auto body field and reflects the entry-level job requirements of Inter-Industry Conference on Auto Collision Repair (I-CAR) and the Automotive Collision Technology standards. The Collision Repair Technology program is designed to give each student the knowledge, understanding and training needed to secure a position in the collision repair field and/or enter a post-secondary institution. Using state-of-the-art equipment, students are taught metal arc welding/cutting, metal repair, corrosion protection, masking, refinishing, undercoating, unibody inspection, and detailing. They are also taught safety compliance, proper use of tools, and equipment identification. Additionally, students learn details of electrical systems and suspensions, and continuously review safety resources, refinishing, and basic welding.

**LOGISTICS & INVENTORY MANAGEMENT**

The Logistics & Inventory Management program introduces students to the distribution service industry. The course curriculum prepares students to work in distribution centers, warehouses, and supply rooms. Students learn safety standard compliance, tool and equipment identification, operation of industrial lift and transport equipment, data entry, and communication skills. People with careers in Logistics and Inventory Management work with an inventory of raw materials and finished parts. They move raw materials to the production line, unload trucks with raw materials, wrap pallets of finished products for shipment, and communicate with traffic managers. Students develop these skills while managing and operating the DCIU Distribution Center, the Science Material Center for Delaware County.



## Engineering & Computer Science

### **ADVERTISING, DESIGN & COMMERCIAL ART**

This program introduces students to visual design, graphic design, and the interaction design industry. In a world where commercial art has never been more relevant, DCTS Advertising Design and Commercial Art offers students a community in which to develop the conceptual foundation and skills needed for admission to a post-secondary institution to refine their skills. Students learn the fundamentals to finish each project at an entry level. They are introduced to the Adobe Creative Cloud and explore media messages in print, electronic, and film. Students learn the fundamentals to finish each project at a beginner level. They explore graphic design, advertising, print design, illustration, interior design, digital photography, and game art & design. Students gain an exceptional amount of knowledge and understanding of creative software such as Photoshop and Illustrator.

### **COMPUTER IT PROGRAMMING AND SOFTWARE DEVELOPMENT**

Managing Information Systems is a series of methods of collecting, compiling, and analyzing large quantities of data to satisfy our society's ever-increasing need for information. With increasing frequency it is apparent that an understanding of technology is a necessary part of general education for students who live and work in our technological society. Students acquire the skills to analyze, design, implement, test, and document an application solution. The students utilize a state-of-the-art network computer system and its associated peripheral equipment to work on live problems, utilizing business software and object-oriented integrated development environments. Concepts delivered provide the basis of understanding in the area of computer programming and are applicable to business applications, mobile applications, and video gaming. Students will create a relational database, receive instruction in a variety of computer programming languages including writing, testing, and debugging code; writing related system user documentation; demonstrating an understanding of core computer concepts to include the internet and the basic functions of business desktop applications; and analyzing common hardware, software, and network processes. Students will receive instruction in business, ethics and law, economics, office procedures and communications. Students will learn the office safety, computer fundamentals, database administration and computer maintenance/troubleshooting.

### **COMPUTER NETWORKING AND DIGITAL FORENSICS**

The Computer Networking & Digital Forensics curriculum centers on networks and the computer devices that comprise a typical network, including building, maintaining, and supporting computer network systems forming the foundation for beginning a career in Information Technology. With a solid understanding of network fundamentals, a variety of careers related to information technology are possible. The industry career focus in the program is on desktop support, network engineering, digital forensics, and IT security. Industry certifications align with CompTIA including IT Fundamentals, A+, Network+ and Security+. Additionally, there is a copper-based certification. Computer based training certifications also include routing and switching. Upon achieving the skills and certifications offered in the program, students are competitive for entry level employment in Information Technology as well as many post-secondary colleges or universities.

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**ENGINEERING AND ROBOTICS**

This program prepares students for high-demand, life sustaining, STEM careers in the engineering and advanced manufacturing fields. Students have the opportunity to take an invention from concept to design to production by utilizing hi-tech equipment such as 3-D printers and a Computer Numerical Control (CNC) machine. This comprehensive curriculum covers topics such as engineering philosophy, principles, ethics, safety and quality control. Students learn a variety of topics, including computer-aided design, electronics, hydraulics, mechanical drawing, robotics, and precision measurement. Students in the Engineering Technologies program have the opportunity to complete STEM-enhanced curriculum through five Project Lead The Way (PLTW) modules. Students have the opportunity to choose from Introduction to Engineering, Principles of Engineering, Computer Integrated Manufacturing, Digital Electronics, Civil Engineering & Architecture. Students are introduced to problem solving, learning about engineering principles, teamwork, and Computer-Aided Design (CAD).

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## Health & Bioscience

### DENTAL OCCUPATIONS

Students who enroll in the Dental Occupations Program learn a variety of skills that will enable them to become a dental assistant, dental laboratory technician, and/or pursue a career as an Expanded Function Dental Assistant (EFDA), or dentist. There is a focus on patient centered care in support of improving oral health as a key to personal health and well-being. The major areas of study in this program include: dental radiology, oral pathology, chair-side dental assisting, anatomy and physiology, dental materials, sterilization, and dental office business procedures. Students will be introduced to Dental Anatomy, Dental Charting Systems, Infection Control Procedures, Dental Instruments and Procedures for General Dentistry, Chairside Assisting Techniques, and Radiology Basics. As students continue this program, they receive more lectures on advanced dental anatomy, dental software programs, dental specialties, prep for certified dental assisting and radiology Board Exams.

### EMERGENCY AND PROTECTIVE SERVICES

The Emergency and Protective Services program offers a comprehensive public safety education to students interested in pursuing a career or volunteering in the emergency medical, law enforcement, fire, security, industrial safety or emergency management services. Students work with protective service professionals to gain first-hand experience in all areas of these exciting professions. Units of study include cadet firefighting, law enforcement, emergency medical services, communications and report writing, public speaking and physical training.

### MEDICAL CAREERS

This is a highly selective, honors-level program for seniors only. This program provides students with the opportunity to participate in clinical rotations at their assigned hospitals. They will be working and observing alongside doctors and nurses while visiting patient rooms. Students will observe various aspects of their assigned hospitals including Emergency Room, Operating Room, Pediatrics, Hospital Pharmacy, and more. This year-long program is offered at seven different area hospitals. Students benefit from career-based presentations from an array of healthcare professionals including nurses, physicians, physician assistants, physical therapists, medical technologists and pharmacists. The curriculum includes anatomy, physiology, pathophysiology, medical terminology, safety, infection control and medical law and ethics. Students graduate from the program with a solid understanding of the integral relations of the hospital team and a vision of their potential role in the healthcare industry. *Students will receive 3 credits of Honors level weighting.*

### HEALTH SCIENCES

This is a healthcare career exploration program culminating with the opportunity to choose a Medical Assistant or Patient Care Technician pathway. The Health Sciences curriculum is a foundation for all health career pathways in which students may choose to train for a Medical Assistant certification or Patient Care Technician certification. Medical Assistants work in the offices of physicians, podiatrists, chiropractors, and other health practitioners. They assist physicians and nurses, communicate with patients, take patient history, manage online medical records, measure vital signs, give injections, schedule appointments and administer blood tests. Patient Care Technicians work primarily in a hospital setting. They assist nurses and other team members in providing care to the acute patient. They assist patients with activities of daily living, taking vital signs, and administering blood tests.

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**BIOMEDICAL TECHNOLOGY & LABORATORY SCIENCES**

This program provides students with the opportunity to use state-of-the-art equipment to learn the principles of scientific investigation and how they apply to environmental health, forensics, genetic engineering, and medicine. An emphasis is placed on DNA fingerprinting, polymerase chain reaction, microbiology, and immunology. Students leaving this program have the strong foundation necessary to pursue postsecondary and career opportunities in pathology, biomedical engineering, genetics, medical technology, and molecular and cellular biology. Students explore the principles of biomedical science. By engaging in activities such as dissecting a sheep heart, students learn concepts of biology and medicine to determine the factors that led to the death of a fictional person. Students learn about human body systems through projects such as determining the identity of a skeleton using both forensic anthropology and DNA analysis. Students examine the interactions of human body systems and apply what they know to solve real world medical cases. Students delve into activities such as designing a prosthetic arm and investigate how to prevent, diagnose, and treat disease.

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**EXERCISE THERAPY & SPORTS SCIENCES**

This program provides both a theoretical and lab component and is designed for those students whose career objective includes college and a career within the Sports Medicine, Athletic Training, Physical Therapy, Occupational Therapy, Exercise Physiology, Fitness Training, and/ or Nutrition fields. Program graduates are prepared to pursue postsecondary education, while developing a foundation of technical knowledge.

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**Education**

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**TEACHER PREPARATION ACADEMY**

The Teacher Preparation Academy prepares students for careers in teaching. Students learn the physical, intellectual, social, and emotional characteristics of children and teenagers, including knowledge and skills to guide learning and create a safe, healthy learning environment. The program prepares individuals to successfully enter a teacher preparation program at a college or university. It includes instruction in child/adolescent growth and development, activity/lesson planning, and opportunities for observation/field experience in a school setting. Students enrolled in this course will be taught how to prepare for a career in teaching and for advancement to high education. Students develop and prepare classroom lesson plans and learning experiences while working in elementary, middle, and high school settings in Delaware County. Students participate in job shadowing at area schools and seniors may be eligible for paid work experience through the Cooperative Education program. The program is aligned with a number of college programs through articulation agreements and dual enrollment agreements.

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## Dual Enrollment Through Delaware County Community College

Interboro School District's partnership with the Delaware County Community College to provide Dual Enrollment offers eligible junior and senior students the opportunity to earn both high school and college credits while they are still in high school. Students pay just a fraction of the standard tuition rates.

### Student Requirements:

- Juniors – To participate in a dual enrollment course, 11th grade students must have a minimum of 13 credits at the start of their junior year and carry a minimum of 6 credits in their high school schedule.
- Seniors – To participate in a dual enrollment course, 12th grade students must have a minimum of 19 credits at the start of their senior year and carry a minimum of 4 credits in their High School schedule.

**\*\* Student attendance will be considered by Counselor & Administrator** and can be cause for denial per Counselor & Administrator discretion. A student who has frequent absence/lateness (whether excused or unexcused) will not be permitted to participate in the Dual Enrollment program. Current and previous semesters' attendance will be considered in allowing students to enroll under IHS contract and/or qualify for reimbursement.

**Open Dual Enrollment vs. Structured Pathway Programs:** A variety of Dual Enrollment courses are offered at DCCC during the school day, outside of traditional school hours and asynchronously/synchronously, allowing students to participate in coursework both at Interboro High School and DCCC.

- **Open Dual Enrollment**
  - Courses take place outside of traditional school hours.
  - Students will save significantly on tuition costs, paying approximately \$70 per credit.
    - Upon acceptance into the Dual Enrollment program and course registration, students will be required to pay Delaware County Community College via DCCC's delaGATE system.
  - Students are responsible for additional course costs (i.e. registration costs, asynchronous course fee, materials/textbooks required for course, etc.)
  - Students who receive a final grade of "C" or better in their Dual Enrollment coursework can be reimbursed by the Interboro School District. Process for reimbursement will be reviewed each academic year by the Dual Enrollment Counselor.

- Students are responsible for transportation for all in-person course meetings.
- Student must submit contract and tuition pre-approval paperwork by the established deadline each semester.
- Juniors are permitted to take one course in the fall semester and one course in the spring semester while seniors are permitted to take two courses in the fall semester and two courses in the spring semester.
- **Structured Pathway Programs**
  - Courses take place during the student school day.
  - There is no cost incurred for participation in the Structured Pathway program for the student or their family. All tuition fees and materials required for the Structured Pathway program are funded by the Interboro School District.
  - Transportation will be provided by the Interboro School District.
  - Student must submit contract by the established deadline.
  - Structured Pathway Programs for the 2026-2027 school year include:
    - 2-year programs, beginning fall of junior year:
      - Automotive (24 DCCC credits earned, 8 Interboro HS credits)
      - Pre-Nursing (23 DCCC credits earned, 7.66 Interboro HS credits)
      - Teacher Education Program (38 DCCC credits earned, 12.66 Interboro HS credits)
      - Business Academy (24 DCCC credits earned, 8 Interboro HS credits)
      - Manufacturing CNC (34 DCCC credits earned, 11.33 Interboro HS credits)
    - 1-year program, beginning fall of senior year:
      - Social & Human Services Assistant (18 DCCC credits earned, 6 Interboro HS credits)

**Dual Enrollment Courses and the Interboro High School Transcript:** The course(s) in which the student is enrolled at DCCC and their final grade(s) earned through Dual Enrollment coursework will appear on the official Interboro High School transcript as part of the student's Academic History. For students enrolled in open dual enrollment courses, only one course each fall and spring semester(s) for juniors and a maximum of two courses each fall and spring semester(s) for seniors will be applied to the Interboro High School transcript. These courses must be specified on the pre-approval for reimbursement form prior to course start date.

**Dual Enrollment Courses and Interboro High School Credits/GPA:** The student's final grade in a Dual Enrollment course will count toward the fulfillment of Interboro's graduation requirements. The student will still be required to achieve a minimum of 23 credits in specified



core content and elective classes. Moreover, grades achieved through Dual Enrollment coursework will not count toward the student's class rank or grade point average (weighted/unweighted) at Interboro High School. Students will earn the equivalent of .33 high school credit per 1 DCCC credit.

**Dual Enrollment during Summer/Winter Session:** Interboro School District will not provide reimbursement for courses that are taken during any winter session or summer session. In addition, courses taken outside of the fall/spring semester(s) will not be reported on the student's Interboro High School transcript and will not count toward their Interboro High School graduation requirements.



## Dual Enrollment Through Harrisburg University

Interboro School District's partnership with the Harrisburg University (HU) to provide College in the High School (CiHS) Dual Enrollment offers eligible junior and senior students the opportunity to earn college credits while they are still in high school and understand realistic expectations regarding college-level work by enrolling in courses offered by HU at a fraction of the standard tuition rates.

During the 2026 – 2027 school year, students who are enrolled in Advanced Placement Physics C, Drone Pilot Certification, or Advanced Placement Statistics at the Interboro High School may choose to dual enroll with HU to potentially receive dual enrollment credit. Students who are dually enrolled in an HU course will work with their high school teacher to submit certain graded assignments to HU as proof of course completion.

Students who are enrolled in Advanced Placement Physics C and/or Advanced Placement Statistics and participating in the dual enrollment/college in the High School program through HU will decide separately if they will also take the Advanced Placement examination from the College Board. HU does not require students to take the Advanced Placement examination to receive dual enrollment credits; however, throughout the course, students will be preparing to take the culminating College Board examination.

### Student Eligibility for Dual Enrollment/College in the High School with HU

1. *Student Eligibility for Dual Enrollment/College in the High School (CiHS)* Students will be accepted into the CiHS as defined by ISD and HU. The following shall act as guidelines for this process:

- a. *The student is a high school junior or senior;*
- b. *The student maintains an overall minimum grade point average of 2.70 or higher; and*
- c. *ISD approves the student's participation in the program after evaluating his/her readiness for college-level course work and after student has met any prerequisites determined by HU.*

2. *Application into CiHS Program.* HU will supply ISD with the necessary information to have students register online in the fall. HIS will coordinate with the HU Director of Secondary School Services. HU will determine the student's final approval of enrollment in the selected course(s).

- AP Physics students will register for PHYS 121 Lecture course (3-credits) and the PHYS 122 Lab course (1-credit).
- AP Chemistry student will register for CHEM 151 Lecture Course (3-credits) and the CHEM 152 Lab Course (1-credit)
- Drone Pilot Certification students will register for GSTC 107 – Remote Pilot Certification and Applications (3-credits).

- AP Statistics students will register for MATH 280 — Introductory Statistics (3-credits).

3. *HU Credit.* HU will award university credit to ISD students upon successful completion of HU courses. What constitutes “successful completion” is within the sole discretion of HU for purposes of awarding credits. Coordination with ISD will determine the final customization of the program.

**Interboro High School Student Requirements for Dual Enrollment/College in the High School with HU:**

- Seniors – To participate in a dual enrollment course, 12<sup>th</sup> grade students must have a minimum of 19 credits at the start of their senior year and carry a minimum of 4 credits in their High School schedule (inclusive of AP Physics and/or Drone Pilot Certification). Seniors eligible to be reimbursed by Interboro SD for no more than four dual enrollment courses during senior year.
- Juniors– To participate in a dual enrollment course, 11<sup>th</sup> grade students must have a minimum of 13 credits at the start of their senior year and carry a minimum of 6 credits in their High School schedule (inclusive of AP Physics and/or Drone Pilot Certification). Juniors are eligible to be reimbursed by Interboro SD for no more than two dual enrollment courses during junior year.

**Cost:** As part of Interboro’s partnership with Harrisburg University, students will save significantly on tuition costs. HU dual enrollment courses cost \$100 per college credit. This is almost a 70 percent discount on the College’s standard tuition rate.

- Upon acceptance into the Dual Enrollment program and course registration, students will be required to pay Harrisburg University for the full cost. If the family is unable to pay the cost for the coursework up front, the parent/guardian can reach out to the Associate Director of CiHS Development to determine potential alternative arrangements.
- **Students who receive a final grade of C or better in their approved Dual Enrollment coursework will be reimbursed by the Interboro School District \$68 per HU credit (this is the cost per credit that the District reimburses at the DCCC open dual enrollment rate). For example, if the course costs \$400, the family would be reimbursed a total of \$272 for the HU dual enrollment coursework. To obtain reimbursement, students will need to submit a completed Interboro School District Dual Enrollment Reimbursement Form.**
- **If the student receives a grade of C or higher in the HU Dual Enrollment/College in the High School Course, after Interboro School District reimbursement, the family will have paid just \$32 per HU credit (total \$128 for 4 credits) after reimbursement.**



**Course fees:** The cost of \$100 per credit does not include any course fees. The Interboro School District will not reimburse students for the cost of any required or optional materials/course fees required for Dual Enrollment coursework.

