



Dr. Elizabeth Lolli Superintendent

# Program of Studies

Dayton Public Schools 2022-2023 School Year Dr. Elizabeth Lolli, Superintendent

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## **Graduation Requirements**

Dayton Public Schools' graduation requirements meet the standards set by the Ohio Department of Education. The following minimum state and local credits must be met to graduate from Dayton Public Schools.

ELA	English Language Arts	4 units
Social Studies	World History American History Government/Economics	1 unit 1 unit 1 unit Total = 3 units
Science, with inquiry-based lab experience	Physical Science Biology Chemistry, Physics, or other physical science, Advanced Biology or other life science, Astronomy, Physical Geology or other earth or space science.	1 unit 1 unit 1 unit Total = 3 units
Math	Math, including one unit of Algebra II or its equivalent	4 units
Physical Education	2 semesters	½ unit
Health		½ unit
Electives	**Financial Literacy (required for graduation for students entering 9th grade on or after July 1, 2022)  Foreign language, business, careertech, family and consumer science, technology, JROTC, or additional ELA, math, science, or social studies not otherwise required under the statutory graduation requirements.	1 unit ½ unit 4 units Total = 5 units
Career Education Choice		½ unit
		20.5 units Total

#### FINANCIAL LITERACY REQUIREMENT

Students who enter ninth grade on or after July 1, 2022, (Class of 2026) are required to complete one-half unit of instruction in financial literacy as part of the required high school curriculum. The course may be counted as a social studies elective or towards the four required math credits needed for graduation; however, the course cannot substitute for Algebra II or its equivalent, or a course for which the State Board requires an end-of-course examination (Algebra I).

### **Graduation requirements**

#### **DID YOU KNOW?:**

- ...that a 684 is the required score on the Algebra and ELA II tests?
- ...that a scale score of 684 is in the '2' range on the OST? A 3 is considered passing.
- ...that if you earn a 684 minimum on algebra & ELA II and you pass the biology, American History, and American Government end of course exams, and you earn 20.5 credits, you have everything you need to graduate? Here's how:

Cover the Basics	Show Competency	Show Readiness
20.5 credits	Algebra (684, '2' range) ELA II (684, '2' range)	Biology (score a 3) = Science Seal  American History (score a 3) +  American Govt (score a 3) =  Citizenship Seal

...that if you earn a final grade of a B in BOTH American History and American Government that you can earn the Citizenship seal?

...that if you earn a final grade of B in an advanced science class that you can earn the Science Seal?

## Graduation requirements for 2023 and beyond

#### **PERMANENT GRADUATION REQUIREMENTS:**

State law created new, permanent requirements. Students in the classes of 2022 who have met or are on track to meet one of the original three pathways may continue to use those pathways to satisfy graduation requirements. Students in the class of 2023 and beyond will be required to meet the permanent requirements in order to graduate. The permanent requirements are listed below:

- 1. **Demonstrate competency:** Students must demonstrate competency in math and English by passing the state's Algebra I and English II tests. Students who have taken required tests more than once without passing and have received remedial support are able to show competency through one of the options below:
  - Earn credit for one math and/or one English course through College Credit Plus
  - Demonstrate career readiness and technical skill through foundational and supporting options;
  - Enter into a contract to enlist in the military upon graduation.
- 2. **Preparation for College or Careers:** Students must earn two diploma seals, one of which must be state defined, to demonstrate academic, technical and professional readiness for careers, college, the military or self-sustaining professions.

## **Graduation Pathways**

				raduation	- GGHV	ray				
	Cover th	e Basics	+	Show Com	petency		+	Sho	w Readine	ess
	Option #1	20.5 credits	+	684 scale score on Algebra and ELA	II OST		+	2 Graduation Seals	raduation Seals (1 Ohio)	
	Option #2	20.5 credits	+	684 scale score on Algebra and Remonstration SAT in English (see remediation-free		on ACT or	+	2 Graduation Seals	s (1 Ohio)	
	Option #3	20.5 credits	+	684 scale score on ELA II and Remedin Math (see remediation-free scores		ACT or SAT	+	2 Graduation Seals	s (1 Ohio)	
Class of 2023 and After	Option #4	20.5 credits	+	Do two: (one must be foundational) Foundational: Proficient scores on 3 or more WebXams A 12-point industry credential A pre-apprenticeship or approved apprent Apprenticeship Council) Obtaining a state-issued license in a voca Supporting Work-based learning (250 hours) Earn 14 on WorkKeys (Applied Math, Gra Earn OhioMeansJobs Readiness Seal	ation that requires an e	xamination	+	2 Graduation Seals	s (1 Ohio)	
outy 1, 2010	Option #5	20.5 credits	+	Enlist in the Military			+	2 Graduation Seals	s (1 Ohio)	
	Option #6	20.5 credits	+	Earn credit in CCP Math and CCP En	glish		+	2 Graduation Seals	s (1 Ohio)	
	Option #7	20.5 credits	+	684 scale score on Algebra OST and	credit in English CC	P Class	+	2 Graduation Seals	s (1 Ohio)	
	Option #8	20.5 credits	+	684 scale score on ELA II OST and co	redit in Math CCP C	lass	+	2 Graduation Seals	s (1 Ohio)	
				OST Require	ed Tests					
Class of 2023 and After	Entered grade 9	after July 1, 2019		ELA I No	ELA II Yes	<b>Biology</b> Yes	Amer History Yes	Amer Govt Yes	Algebra Yes	<b>Geometry</b> Yes
Science Seal	"2" or higher on I "B" or higher in o	ology EOC Exam or higher AP or IB sco qualifying CCP cour	re or se or							
				my, Chemistry, Physics, AP) Physical s	cience, biology, geol	logy, and envir	onmental science	are not considered	advanced scie	nces.
Citizenship Seal	Proficient on Am "2" or Higher AP "B" or higher in o	advanced science content of the Hist and Gov EC or IB Scores (both) qualifying CCP coure.  American History and science of the Hi	OC Exams or ) or rses (both) or		cience, biology, geol	logy, and envir	onmental science	e are not considered	advanced scie	nces.
Citizenship Seal  Military Enlistment Seal	Proficient on Am "2" or Higher AP "B" or higher in a "B" or higher in A Provide evidence or	er Hist and Gov EC or IB Scores (both) qualifying CCP cour	OC Exams or ) or rees (both) or nd Governmen the military		cience, biology, geoi	logy, and envir	onmental science	e are not considered	advanced scie.	nces.
Military Enlistment Seal	Proficient on Am "2" or Higher AP "B" or higher in a "B" or higher in A Provide evidence or Participate for 2 Earn 12 points o	er Hist and Gov EC or IB Scores (both) qualifying CCP cour American History an e of enlistment into years in a JROTC I if industry-recognize	OC Exams or ) or reses (both) or nd Governmen the military  Program ed credentials	it from a single career field or	cience, biology, geoi	logy, and envir	onmental science	are not considered	advanced scie	nces.
Military Enlistment Seal  Industry-Recognized Credential Seal  DhioMeansJobs	Proficient on Am "2" or Higher AP "B" or higher in a "B" or higher in A Provide evidence or Participate for 2 Earn 12 points o Earn a state-issu	er Hist and Gov EC or IB Scores (both) qualifying CCP cour American History an e of enlistment into years in a JROTC F if industry-recognize and license for a pra	OC Exams or ) or rses (both) or id Governmen the military  Program ed credentials actice in a voc	st	cience, biology, geoi	logy, and envir	onmental science	are not considered	advanced scie.	nces.
Military Enlistment Seal  Industry-Recognized Credential Seal  OhioMeansJobs	Proficient on Am "2" or Higher AP "B" or higher in a "B" or higher in A Provide evidence or Participate for 2 Earn 12 points o Earn a state-issu Show aptitude in	er Hist and Gov EC or IB Scores (both) qualifying CCP cour American History an e of enlistment into years in a JROTC F if industry-recognize and license for a pra	OC Exams or ) or rses (both) or id Governmen the military  Program ed credentials actice in a voc	from a single career field or ation that requires an examination	cience, biology, geoi	logy, and envir	onmental science	e are not considered	advanced scie	nces.
Military Enlistment Seal Industry-Recognized Credential Seal DhioMeans Jobs Readiness Seal	Proficient on Am "2" or Higher AP "B" or higher in a "Provide evidence or Participate for 2 Earn 12 points Earn a state-issu Show aptitude in "2" or Higher on "B" or higher in a	er Hist and Gov EC or IB Scores (both) qualifying CCP cour American History an e of enlistment into years in a JROTC I if industry-recognize ued license for a pra 115 professional sk AP or IB Score or qualifying CCP Cou	OC Exams or ) or reses (both) or id Governmen the military  Program ad credentials actice in a voc ills, as endors	from a single career field or ation that requires an examination	cience, biology, geoi	logy, and envir	onmental science	are not considered	advanced scie.	nces.
Military Enlistment Seal Industry-Recognized Credential Seal DhioMeans Jobs Readiness Seal	Proficient on Am "2" or Higher AP "B" or higher in a "B" or higher in a Provide evidence or Participate for 2 Earn 12 points o Earn a state-issu Show aptitude in "2" or Higher on "B" or higher in a Completing local Students must sl Proficiency in Er Proficiency in W	er Hist and Gov EC or IB Scores (both) qualifying CCP cour American History an e of enlistment into years in a JROTC f of industry-recognize ued license for a pra 115 professional sk AP or IB Score or qualifying CCP Cou II course how proficiency in E nglish = 684 ELA II ( orld Language = 4	OC Exams or ) or ses (both) or id Governmen the military  Program ed credentials actice in a voc iills, as endors  rse or  English and hig  OST or Remed or higher on Al	from a single career field or ation that requires an examination ed by three mentors.  gh levels of proficiency in at least one oth diation-free ACT/SAT score, Proficient OF Plang exam or Int High or higher on com	ner world language ELPA score pprehension, speakir	ng, reading and				
Military Enlistment Seal  Industry-Recognized Credential Seal DhioMeans Jobs Readiness Seal  Fechnology Seal  State Seal of Biliteracy	Proficient on Am "2" or Higher AP "B" or higher in a "B" or higher in a Provide evidence or Participate for 2 Earn 12 points o Earn a state-issu Show aptitude in "2" or Higher on "B" or higher in a Completing local Students must si Proficiency in En Proficiency in We higher (ACTFL) in	er Hist and Gov EC or IB Scores (both) qualifying CCP cour American History an e of enlistment into years in a JROTC f of industry-recognize ued license for a pra 115 professional sk AP or IB Score or qualifying CCP Cou II course how proficiency in E nglish = 684 ELA II ( orld Language = 4	oc Exams or ) or ses (both) or id Governmen the military  Program ed credentials actice in a voc cills, as endors  rse or  English and hig OST or Remetor higher on Al ng and preser	from a single career field or ation that requires an examination ed by three mentors.  gh levels of proficiency in at least one oth diation-free ACT/SAT score, Proficient OE	ner world language ELPA score pprehension, speakir	ng, reading and				
Military Enlistment Seal  Industry-Recognized Credential Seal DhioMeans Jobs Readiness Seal  Fechnology Seal  State Seal of	Proficient on Am "2" or Higher AP "B" or higher in a "B" or higher in a Provide evidence or Participate for 2 Earn 12 points o Earn a state-issu Show aptitude in "2" or Higher on "B" or higher in a Completing local Students must sl Proficiency in En Proficiency in En Proficiency in Whigher (ACTFL) is Earn any of Ohic Earn a remediati (ACT: Eng = 18 a	er Hist and Gov EC or IB Scores (both) qualifying CCP cour American History an e of enlistment into years in a JROTC f if industry-recognize ued license for a pra 115 professional sk AP or IB Score or qualifying CCP Cou I course how proficiency in E nglish = 684 ELA II of orld Language = 4 of in interpretive readi o's Honors Diploma: ion-free score on th and Rdg = 22 and M	OC Exams or ) or reses (both) or id Governmen the military  Program ed credentials actice in a voca iills, as endors  rese or  English and hig OST or Remed or higher on Al ng and preser s (6 possible) the ACT or SAT dath = 22 ) (Sa	from a single career field or ation that requires an examination ed by three mentors.  gh levels of proficiency in at least one oth diation-free ACT/SAT score, Proficient OE P lang exam or Int High or higher on comtational writing of a classical language a	ner world language ELPA score pprehension, speakir	ng, reading and				
Military Enlistment Seal  Industry-Recognized Credential Seal DhioMeans Jobs Readiness Seal  Fechnology Seal  State Seal of Billiteracy  Honors Diploma Seal  College-Ready	Proficient on Am "2" or Higher AP "B" or higher in a "B" or higher in a Provide evidence or Participate for 2 Earn 12 points o Earn a state-issu Show aptitude in "2" or Higher on "B" or higher in a Completing local Students must si Proficiency in En Proficiency in Whigher (ACTFL) it Earn any of Ohic Earn a remediati (ACT: Eng = 18 a Locally Defined: 40 hours of com	er Hist and Gov EC or IB Scores (both) qualifying CCP cour American History an e of enlistment into years in a JROTC f if industry-recognize ued license for a pra 115 professional sk AP or IB Score or qualifying CCP Cou I course how proficiency in E nglish = 684 ELA II of orld Language = 4 of in interpretive readi o's Honors Diploma: ion-free score on th and Rdg = 22 and M See counselor for	OC Exams or ) or ses (both) or d Governmen the military  Program ed credentials actice in a voc. iills, as endors  rse or  English and hig OST or Reme or higher on Al ng and preser s (6 possible) the ACT or SAT lath = 22) (S. tracking and a	from a single career field or ation that requires an examination ed by three mentors.  gh levels of proficiency in at least one other diation-free ACT/SAT score, Proficient OE P lang exam or Int High or higher on compatitional writing of a classical language at a classical language at the company of the c	ner world language ELPA score pprehension, speakir	ng, reading and				
Military Enlistment Seal  dustry-Recognized Credential Seal DhioMeans Jobs Readiness Seal  Fechnology Seal  State Seal of Biliteracy  Honors Diploma Seal  College-Ready Seal  Community Service Seal	Proficient on Am "2" or Higher AP "8" or higher in of "8" or higher in of "8" or higher in A Provide evidence or Participate for 2 Earn 12 points of Earn a state-issu Show aptitude in "2" or Higher on "8" or Higher on "8" or Higher in of Completing local Students must sl Proficiency in En Proficiency in En Proficiency in En Proficiency in En Locally Defined: 40 hours of com Locally Defined: 3 credits in arts of	er Hist and Gov EC or IB Scores (both) qualifying CCP cour American History an e of enlistment into years in a JROTC f if industry-recognize ued license for a pre 15 professional sk AP or IB Score or qualifying CCP Cour I course how proficiency in E nglish = 684 ELA II of orld Language = 4 of in interpretive readi o's Honors Diploma: ion-free score on th and Rdg = 22 and M See counselor for munity service over See counselor for courses with a 'C' oc	oc Exams or ) or ses (both) or d Governmen the military  Program ed credentials actice in a voc. iills, as endors  rese or  English and hig OST or Remed or higher on Al ng and preser s (6 possible) the ACT or SAT latth = 22) (S. tracking and a 14 years or co tracking and a 15 retter, plus 3	from a single career field or ation that requires an examination ed by three mentors.  gh levels of proficiency in at least one of diation-free ACT/SAT score, Proficient OE P lang exam or Int High or higher on contational writing of a classical language at a care with the story of the story	ner world language ELPA score pprehension, speakir	ng, reading and				
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Revised November 2021

## **Summary of Graduation Seals**

	State Defined Seals (one of two seals must be a state seal)
	Proficient on Biology EOC Exam or
	"2" or higher on higher AP or IB score or
Science Seal	"B" or higher in qualifying CCP course or
	"B" or higher in advanced science course (Anatomy, Chemistry, Physics, AP) Physical science, biology, geology, and environmental science are not considered advanced sciences.
	Proficient on Amer Hist and Gov EOC Exams or
	"2" or Higher AP or IB Scores (both) or
Citizenship Seal	"B" or higher in qualifying CCP courses (both) or
	"B" or higher in American History and Government
	Provide evidence of enlistment into the military
Military Enlistment Seal	or
Seal	Participate for 2 years in a JROTC Program
Industry-Recognized	Earn 12 points of industry-recognized credentials from a single career field or
Credential Seal	Earn a state-issued license for a practice in a vocation that requires an examination
OhioMeansJobs Readiness Seal	Show aptitude in 15 professional skills, as endorsed by three mentors.
	"2" or Higher on AP or IB Score or
Technology Seal	"B" or higher in qualifying CCP Course or
	Completing local course
	Students must show proficiency in English and high levels of proficiency in a second language
State Seal of	Proficiency in English = 684 ELA II OST or Remediation-free ACT/SAT score, Proficient OELPA score
Biliteracy	Proficiency in World Language = 4 or higher on AP lang exam <i>or</i> Int High or higher on comprehension, speaking, reading and writing using ODE assessments or ASL proficiency or Int high or higher (ACTFL) in interpretive reading and presentational writing of a classical language assessment approved by ODE
Honors Diploma Seal	Earn any of Ohio's Honors Diplomas (6 possible)
	Earn a remediation-free score on the ACT or SAT
College-Ready Seal	(ACT: Eng = 18 and Rdg = 22 and Math = 22) (SAT: Math = 530 and Eng = 480)
	Locally Defined Seals
Community Service	Locally Defined: See counselor for tracking and approval forms
Seal	40 hours of community service over 4 years or community service project
Fine and Performing	Locally Defined: See counselor for tracking and approval forms
Arts Seal	3 credits in arts courses with a 'C' or better, plus 3 art extension activities
Student Engagement	Locally Defined: See counselor for tracking and approval forms
Seal	6 school engagement activities over four years



Revised November 2021

#### STATE SYSTEM OF DIPLOMA SEALS

OhioMeansJobs Readiness Seal	Honors Diploma Seal
State Seal of Biliteracy	Technology Seal
Industry-Recognized Credential Seal	Citizenship Seal
College-Ready Seal	Fine and Performing Arts Seal (locally defined)
Military Enlistment Seal	Student Engagement Seal (locally defined)
Science Seal	Community Service Seal (locally defined)

#### **HONORS DIPLOMAS**

For the Academic and Career Tech Honors Diplomas, students who entered the ninth grade between July 1, 2013 and June 30, 2017 may choose to pursue the diploma by meeting the requirements of these criteria of the previous criteria. Students entering the ninth grade on or after July 1, 2017 must meet these criteria.

Completion of any advanced standing program, which includes AP, CCP, and credit flexibility can be counted toward the unit requirements of an Honors Diploma.

Students must meet all but one of the criteria to qualify for an Honors Diploma, and any one of the criteria may be the one that is not met.

Criterion	Academic Honors Diploma	Career Tech Honors Diploma
Math	4 units, Algebra, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content
Science	4 units, including two units of advanced science	4 units, including two units of advanced science
Social Studies	4 units	4 units
World Languages	3 units of one world language, or no less than 2 units of each of two world languages studied	2 units of one world language studied
Fine Arts	1 unit	Not counted toward requirements
Electives	N/A	4 units of Career-Technical minimum
GPA	3.5 on a 4.0 scale	3.5 on a 4.0 scale
ACT/SAT WorkKeys	27 ACT/1280 SAT	27 ACT/1280 SAT
		WorkKeys (6 Reading for Information & 6 Applied Mathematics)
Field Experience	N/A	Complete a field experience and document the experience in a portfolio specific to the student's area of focus
Portfolio	N/A	Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts
Additional Assessments	N/A	Earn an industry-recognized credential or achieve proficiency benchmark for appropriate Ohio Career-Technical Competency Assessment or equivalent

Criterion	STEM Honors Diploma	Arts Honors Diploma (dance, drama/theatre, music, and visual art)	Social Science & Civic Engagement Diploma
Math	5 units, Algebra, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content
Science	5 units, including two units of advanced science	3 units, including one unit of advanced science	3 units, including one unit of advanced science
Social Studies	3 units	3 units	5 units
World Languages	3 units of one world language, or no less than 2 units of each of two world languages studied	3 units of one world language, or no less than 2 units of each of two world languages studied	3 units of one world language, or no less than 2 units of each of two world languages studied
Fine Arts	1 unit	4 units	1 unit
Electives	2 units with a focus in STEM courses	2 units with a focus in fine arts courses	3 units with a focus in social sciences and/or civics
GPA	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale
ACT/SAT WorkKeys	27 ACT/1280 SAT	27 ACT/1280 SAT	27 ACT/1280 SAT
Field Experience	Complete a field experience and document the experience in a portfolio specific to the student's area of focus	Complete a field experience and document the experience in a portfolio specific to the student's area of focus	Complete a field experience and document the experience in a portfolio specific to the student's area of focus
Portfolio	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts
Additional Assessments	N/A	N/A	N/A

#### **TESTING REQUIREMENTS FOR OUT OF STATE STUDENTS**

Students who transfer into a district from out-of-state and students previously home-schooled with no previous test scores will have their minimum graduation point requirement prorated. The table below shows how the points change based on the number of tests remaining.

Graduation Point Requirement for Transfer Students				
Tests Remaining	Points Required	Tests Remaining	Points Required	
7	18	4	10	
6	15	3	8	
5	13	2	5	

Regardless of the tests remaining, at minimum, out-of-state and home-school transfer students must take the English II and either the integrated math II or geometry end-of-course tests and earn a minimum of five points across tests in order to graduate.

Students must also test in any course that they have not yet completed if the course has a corresponding end-of-course test. Therefore, if a student transfers in with only biology and American government left to take, the student would be required to take biology, American government, English II and Geometry (or Integrated Math II) tests, and earn a total of 10 points, five of which must come from the English and mathematics tests.

If a student transfers in with only one test or no tests remaining, the student may take the college and career readiness tests. If the student meets the remediation-free scores on the ACT or SAT, they will have satisfied the assessment component of the graduation requirements. If the student does not earn a remediation-free score, then the student must take the English II and either the geometry or integrated math II end-of-course tests plus any tests associated with courses that they have not yet taken and earn the required prorated points to satisfy the graduation requirements.

This prorated graduation point option takes effect with the class of 2018. These are students who entered the ninth grade for the first time in the 2014-2015 school year. Students who started high school before July 1, 2014 must pass the five Ohio Graduation Tests (OGT) or satisfy the new assessment options for OGT students provided on the Ohio Department of Education (ODE) website.

You may find it beneficial to refer to the outline below, visit the district website (www.dps.k12.oh.us) and click on Graduation Requirements to follow the links, or visit the ODE website: www.education.ohio.gov and click on Topics and then Graduation Requirements.



## **Post-Secondary Planning**

Dayton Public Schools counselors have organized the following timetable to help you navigate the various tasks identified in each grade level.

## **Grade 9 Checklist**

Your official high school record begins this year. Your grades will be recorded on your cumulative transcript. This has an ef-
ect on what colleges you will be able to attend and what future employers will look at. Credits earned at the Middle School
will already be included in HS record.

ill already be included in HS record.
☐ Get to know your counselor and let him/her get to know you. Communicate with your teachers and your counselor frequently so that your adjustment to high school will be as smooth as possible. Take advantage of all the services offered through the school's counseling program.
☐ Colleges are interested in your progress starting in grade 9.
Do as well as you can academically, seek assistance when needed, utilize HAC for academics and announcements.
☐ Participate in career exploration programs whenever possible, such as job shadowing, career assessments, etc.
☐ Participate in extracurricular activities and clubs.
☐ Pursue community service.
☐ Take advantage of the Career Exploration class in exploring areas of interest to you.
☐ Start exploring colleges and career opportunities.
☐ Attend the College Credit Plus informational meeting to determine if this is something to pursue.
☐ Start working on graduation seals.
☐ Attend CCP meetings.
☐ Create graduation plan with counselor.
☐ Explore career tech pathways.
Grade 10 Checklist
ontinue working with your counselor concerning your academic progress.
□ Schedule courses that will challenge you.
☐ Work hard at your academics and continue your involvement in extracurricular activities.
Utilize HAC for academics and announcements.
Research career areas related to your interests; suggested websites include:
www.ohiomeansjobs.org; http://www.bls.gov/ooh/
☐ Pursue community volunteer services.
☐ Continue exploring colleges.
☐ Attend local and regional college fairs.
☐ Attend college funding seminar with your parents.
Read a variety of things to expand your knowledge and enhance your reading skills.
☐ Attend the College Credit Plus informational meeting to determine if this is something to pursue.
☐ Continue working on graduation seals.
☐ Take the PSAT.
☐ Attend CCP meetings.
☐ Explore career tech pathways and options.
Grade 11 Checklist
ommunication with your counselor becomes more important in the second half of your high school experience.
☐ Schedule courses that will challenge you.
☐ Continue your involvement in extracurricular activities.
☐ Work hard at giving a solid academic performance.
Utilize HAC for academics and announcements.

<ul> <li>Continue your career research and begin matching your interests to career possibilities using the following we www.ohiomeansjobs.org; http://www.bls.gov/ooh/</li> <li>Select the Career Technical pathway that interests you.</li> </ul>	:DSITES,
☐ Research colleges and develop a list of 10-12 colleges that interest you.	
<ul> <li>Register to take the PSAT in October if you want a chance to qualify for the National Merit Scholarship compet</li> <li>Register online to take the ACT and SAT. (www.actstudent.org or www.collegeboard.com). You are allowed 2 waivers, 2 SAT waivers, and 2 SAT subject area test waivers while in high school if you financially qualify. DPS remends that you test twice during your junior year.</li> </ul>	free ACT
<ul> <li>Take part in all special programs developed throughout the school such as college representative visits, colleg ing seminars, etc.</li> <li>Continue to pursue community service.</li> </ul>	e fund-
<ul> <li>Continue to read a variety of things to expand your knowledge and enhance your reading skills.</li> <li>Attend college representative visits at Dayton Public Schools in the fall.</li> </ul>	
<ul> <li>Attend the College Credit Plus informational meeting to determine if this is something to pursue.</li> <li>Visit and tour colleges.</li> </ul>	
☐ Identify teachers to provide letters of recommendations.	
☐ Begin writing prompts for Common Applications.	
Summer between Grade 11 and Grade 12 Checklist	
☐ Plan your summer.	
Explore an employment opportunity as a possible career pathway.	
Visit colleges on your list that you are interested in.	
Schedule an interview with an admissions representative.	
☐ Register for the Common Application; Coalition for Access, Affordability, and Success; and/or the Black Common	on
Application.	
· · · · · · · · · · · · · · · · · · ·	
☐ Consider summer employment in career areas of interest.	
☐ Consider summer employment in career areas of interest.	
<ul> <li>□ Consider summer employment in career areas of interest.</li> <li>□ Pursue community service.</li> </ul>	
□ Consider summer employment in career areas of interest. □ Pursue community service.  Grade 12 Checklist	
<ul> <li>Consider summer employment in career areas of interest.</li> <li>Pursue community service.</li> <li>Grade 12 Checklist</li> <li>Continue communication with your counselor.</li> <li>Maintain a solid, quality academic program.</li> <li>Take the ACT and /or SAT one more time if you want to try to improve your score. You are allowed 2 free ACT of 2 SAT waivers, and 2 SAT subject area test waivers while in high school if you financially qualify.</li> </ul>	vaivers,
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## **College Admissions Requirements**



## **The Ohio State University Requirements for Admission**

#### Minimum college prep requirements

	Minimum Required	Recommended	Additional Consideration
English	4 units		
Math	3 units	4 units	X
Natural Science (with significant lab experience)	3 units		Х
Social Science	2 units	3 units	
Foreign Language	2 units of the same language	3 units	X
Visual or Performing Arts	1 unit		
Plus 1 unit in any of the above subjects			

#### A snapshot of a recent OSU Freshman Class

Most exceeded minimum college prep requirements 86% exceeded foreign language requirements 99% exceeded math requirements 88% exceeded natural science requirements

#### Most ranked in the top of their high school classes

89% ranked in the top quarter 53% ranked in the top 10%

#### **ACT Composite**

50% scored between a 17-32 25% scored below 27



# North Carolina Agricultural and Technical State University Requirements for Admission

Minimum college prep requirements

	Minimum Required	Recommended
English	4 units	
Math	4 units	Algebra, Geometry, Algebra II, and Advanced Math
Natural Science (with significant lab experience)	3 units	Biological science, physical science, and science with lab
Social Science	2 units	American History
Foreign Language	2 units of the same language	

#### North Carolina A&T's Average Admitted Freshman Profile (2020)

- Average GPA: 3.62 (weighted)
- School of Nursing Applicants: ACT Composite of 30 or higher (composite)
- · School of Engineering Applicants: ACT Composite of 21 or higher (math), completion of Pre-Calculus

## **Scheduling Information**

#### **SCHEDULING**

The school's master schedule is built from the requests generated by students. This determines the number and types of teachers needed in the school. Students must select classes carefully and thoughtfully. Requests for schedule changes at the start of the school year may not be honored, so consider your selections carefully.

- The high school will schedule courses for a 7 period day next year.
- · Consider teacher recommendations.
- Changes in student schedules prior to the start of the next school year will be made only for course failures, scheduling conflicts, and outside educational course adjustments
- Schedule change requests at the start of the academic year will be considered during the first two weeks of school and one week at the start of the second semester, provided seats are available.
- DPS is unable to honor requests to have a particular teacher.

Students will register for classes to fill the school day. Students should select courses that are challenging and align with their interests and future goals. Students will complete a course selection worksheet that reflects requests and classes needed for graduation. Students should take time to review the course descriptions within the Program of Studies.

Students who do not turn in a course selection worksheet will be scheduled by the school counselor. A sample student schedule is shown below. Variations will occur based on the high school, involvement in special programs (career tech, arts, early college, STEM).

#### **SAMPLE SCHEDULES - 2022-23 SCHOOL YEAR:**

	Grade 9	Grade 10
Period 1	Integrated Language Arts I	Integrated Language Arts II
Period 2	Reading Lab I	Reading Lab II
Period 3	Physical Science	Biology
Period 4	World History	American History II
Period 5	Algebra	Geometry
Period 6	Spanish I	Career Exploration (semester) Elective(s) Band, world language, choir, art, health, physical education
Period 7	Elective(s) Band, world language, choir, art, health, physical education, JROTC	Elective(s) Band, world language, choir, art, health, physical education, JROTC

#### **SCHEDULE CHANGES**

Planning a schedule is a difficult task and situations may occur that require a change in the schedule. Changes have a serious effect on class size, teacher assignments, and the overall master schedule.

Reasons for schedule changes include:

- 1. Replacement of a course that was passed in summer school
- 2. Need to retake course that was failed
- 3. Prerequisite course was failed
- 4. A course was requested on the scheduling worksheet but was not on the final schedule
- 5. An error was made by school personnel
- 6. Schedule change requests from students who did not complete a course selection worksheet may not be considered.
- 7. Requests for specific teachers will not be honored.
- 8. Counselors and/or administrators may override student requests to add courses needed for graduation.

#### **OBTAINING SCHEDULES:**

Students will be given a draft copy of course schedule before leaving for the summer.

#### **ADDING A COURSE:**

Students may request to add a course during the first ten (10) days of the first semester and five (5) days at the beginning of second semester in order to be eligible to receive credit.

#### **DROPPING A COURSE:**

Students may not drop courses from their schedule that would result in less than seven (7) graded periods. All exceptions must be approved by an administrator. Once a semester has been completed, grades shall be recorded on the permanent record to indicate whether credit has been earned. A course that is dropped within the schedule change window (1st 10 days for semester 1, 1st 5 days of semester 2), the grade will not appear on the transcript. Grades for classes that are dropped after that window, with administrator approval, may remain on the transcript.

#### STUDENT ATHLETES/ATHLETIC ELIGIBILITY:

Student athletes must be enrolled in five, one-credit courses and carry the minimum GPA established by the district to be eligible to play sports. Student schedules must reflect all courses, including CCP courses taken off campus. Physical education (¼ credit) does not count as one of the five courses. Seasonal eligibility is determined by the courses and grades in the quarter preceding and/or during the season.

#### **REPEATING A COURSE:**

Courses may be repeated once to meet graduation requirements and must be approved by an administrator. Students will repeat OST tested courses in the classroom when possible rather than in credit recovery. The grade earned will replace the failing grade; however, the course and the original grade will remain on the transcript. Students may not earn more credit than was scheduled for the original class.

#### **UNIT RECOVERY:**

During a traditional course, teachers have the option to assign students tutorials through APEX to recover previously failed assignments.

#### **CREDIT RECOVERY:**

Courses that are failed may be made up in credit recovery. Counselors may assign students to credit recovery to make up one or more semesters of courses needed for graduation.

#### **SUMMER SCHOOL:**

In order to enroll in a summer school course, students will be given an application which must be submitted to the summer school office with prior approval from the school counselor. Counselors will attempt to notify each student of second semester course failures and provide paperwork for summer school registration. Ultimately, however, it is the student's responsibility to check their grades and apply for summer school as soon as possible.

## **Grading, GPA, & Honor Roll Information**

#### **GRADE POINT AVERAGE:**

The student's cumulative GPA is computed at the end of each semester. The cumulative grade point average results in class rank. Grade point averages can be calculated by hand and students are encouraged to monitor their GPA at the end of each semester.

#### **GRADING SYSTEM:**

Credit is granted at the completion of each semester. The cumulative grade point average (GPA) is computed at the end of each semester using only the semester grade. The semester grade includes two quarters (40% each) and one exam grade (20%). This grade average determines whether credit is earned. Grade % is rounded up to the next whole number with .50. For example, an 89.50% becomes 90% when rounded up.

A: 90 - 100

B: 80 - 89.49

C: 70 - 79.49

D: 60 - 69.49

F: 0 - 59.49

#### **WEIGHTING OF GRADES:**

AP courses, honors courses and some College Credit Plus (CCP) courses shall be weighted. In computing the GPA the following scale is used.

	A	В	С	D	F
Unweighted	4 points	3 points	2 points	1 point	0 points
Weighted	5 points	4 points	3 points	2 points	0 points

#### **CLASS RANK:**

Students will be ranked after the first semester of their freshman year. A class rank number is assigned to every student after the second semester and the class rank is noted on the end of year report card. Seniors ranked in the top 10% of their class will be recognized with an honor cord to wear during the commencement ceremony.

#### **HONOR ROLL:**

Honor rolls are established quarterly based on quarter averages. The quarterly honor roll is separate from the class rank, which is calculated based on semester averages.

F	lonor Roll	High Honor Roll	Principal's List	Superintendent's List
	3.0-3.49	3.50-3.99	4.0 or higher	Straight A's

#### **VALEDICTORIAN & SALUTATORIAN:**

Students must be enrolled in Dayton Public Schools no later than the beginning of their junior year to be considered for valedictorian or salutatorian. The calculation for valedictorian and salutatorian will take place at the end of the first semester of the senior year based on the weighted cumulative GPA.

#### TRANSCRIPTS:

Students may ask the school counselor to print a copy of the transcript. There is no charge while enrolled in Dayton Public Schools. After graduation, transcripts can be obtained online via the district's website. The cost is \$5.00. Transcripts that are issued directly to students are unofficial. Official transcripts are those that are shared from institution to institution and must be mailed or sent electronically from the school.

#### **TRANSFER RECORDS:**

Students transferring into Dayton Public Schools must have an official transcript sent from the previous school. The previous high school must be accredited. Courses, grades, and credits will be loaded on to the DPS transcript. Weighted courses from other schools will be converted to the DPS weighting system only if DPS has a similar weighted course. Courses taken prior to entering the 9th grade from other schools must be noted and verified as high school level courses before high school credit is granted.

#### **PEWAIVER:**

Exemption from the requirement of physical education credit is based upon Section 3313.603 of the Ohio Revised Code. Students who successfully complete two full seasons of the same sport, marching band, or cheerleading or two full years of JROTC may be excused from the high school physical education requirement. The PE Waiver form should be secured from the school counselor by the student and submitted to the counselor upon completion of each season. The athletic director will certify completion of the season and forward the form to the school counseling office. The credit will be recorded on the student transcript as "PE Waiver."

#### **REPORT CARDS:**

Report cards are mailed home to parents approximately one week after the end of each quarter. Parents and students should check to see if all report card information is correct. If any information is not correct, the student should see his/her counselor immediately.

#### **INTERIM REPORTS:**

Twice each semester, interim reports will be mailed home. An approximate grade will be given for each subject. Parents are encouraged to ask their children for these as indicated on the school calendar and attend parent teacher conferences.



## **College Prep Opportunities**

AP gives students the chance to tackle college-level work while still in high school. The presence of Advanced Placement courses on a student's transcript indicates that the student has selected rigorous college-level courses. Research demonstrates that AP exam scores are valid predictors of college success. Students may be granted credit and become exempt from college-level requirements based on their AP exam scores. Honors courses become a natural prerequisite to the AP courses. These courses are recommended for students seeking selective college admission, honors programs, and to qualify for merit based scholarships.



Exams in AP classes are given each spring. Students enrolled in AP courses are required to take the AP exam(s). The College Board charges a fee for each AP Exam taken. A decision is made annually to determine the amount of the test exam, if any. Students have the option of completing the Free and Reduced Lunch form to determine their eligibility for a waiver. Summer work is a likely requirement for AP courses and failure to complete the summer work may result in removal from the course before the start of the school year.

#### AP Course offerings vary in each high school but may include:

AP Psychology AP Literature & Composition AP Language & Composition

AP US Govt & Politics AP Biology AP Environmental Science

AP Calculus AB AP World History AP European History

AP US History AP Physics AP Human Geography

AP Chemistry AP Art History AP Statistics

AP Music Theory AP Art and Design

Students in grades 7-12 may enroll full or part time in nonsectarian and non-remedial college courses for high school and college credit that apply toward a college degree or professional certificate. The Dayton Public Schools will notify all students and parents/guardians of the College Credit



Plus program by March 1 of each school year. Students participating in the College Credit Plus program are limited to a maximum of six consecutive academic years beginning with their 7th grade year.

Students must submit the CCP Intent to Participate form prior to April 1 of the year they are wanting to enroll in this program, attend a student/parent meeting with their counselor by the designated April date, and submit any additional paperwork through the college institution for acceptance. A letter of intent form must be submitted for each year of participation.

Eligibility to Participate	<ol> <li>Student must meet an "Assessment Threshold Score" in at least one subtest of Accuplacer or other approved exams.</li> <li>Student must be in "Score Range to be Considered" AND have a 3.00 cumulative GPA or teacher recommendation.</li> <li>Students who do not meet #1 or #2 are not eligible to participate.</li> </ol>
College Admission	Student must apply to a college.     If student is not accepted, student can apply to another college or wait for next year.
Course Registration	Student must meet with a school counselor and college advisor to determine course choices which will depend on assessment scores and other prerequisites.

## **Steps to Apply for CCP Classes at Sinclair:**

**Step A:** Attend a CCP Meeting with your parent at your school.

You will receive your Intent to Participate Form at the meeting.

**Step B:** Complete the Sinclair Online Application

Go to apply.sinclair.edu and click College Credit Plus (CCP)

Create an account, log in, input all the needed information and submit the application.

#### **Step C:** Sinclair reaches out to the high school for approval

Sinclair sends your application information to your attending school for approval

\*\*If you attend certain schools, you may have to complete an authorization form to obtain your school's approval. This form will be emailed to you when you submit the Online Application.

#### Step D: Student receives application processed email and mail letter

Once Sinclair receives approval from the high school (or the fully signed Authorization form), the application is sent to be processed.

Students will receive an email once the ID number and Sinclair usernames has been generated and a letter is mailed shortly after with the student's next steps.

If testing is needed students will receive information on testing with the mailed letter.

#### **Final Step:**

The final step for students after qualifying for CCP will be to complete the the Sinclair CCP New Student Orientation. This will give you all the information you need to know about CCP at Sinclair, how to register for courses, how to see an Academic Advisor at Sinclair and so much more.

Have more questions? Contact your guidance counselor who will give you the names of a College Credit plus Coordinator who works directly with your school district.

#### **Eligibility Criteria (after Spring Term 2022)**

Students must prove that they are college ready before they are able to participate in College Credit Plus. Test scores are used to determine a student's college readiness. The chart below outlines the scores required to be eligible for CCP.

College Ready score on the ACT or SAT	ACT: English = 18 Math = 22 SAT: Reading & Writing = 480 Math = 530
College Ready score on college placement test	At Sinclair: Writeplacer = 5 ALEKS = 46
Score within the Standard Error of Measure AND GPA 3.0 or higher	Refer to the chart of score ranges for each placement or standardized test

#### **COLLEGE CREDIT PLUS COURSE OFFERINGS IN DPS**

Course Title		Length	College Hours Earned	HS Credit Earned	Equivalent
SCC 1101	First Year Experience	Semester	1	.33	
ENG 1101	English Composition I	Semester	3	1	Int LA IIIH
ENG 1201	English Composition II	Semester	3	1	Int LA IVH
PLS 1120	American Federal Government	Semester	3	1	Amer Gov H
HIS 1101	United States History I	Semester	3	1	Amer Hist II
HIS 1102	United States History II	Semester	3	1	
HIS 1105	African American History	Semester	3	1	
HIS 2215	Survey of African History	Semester	3	1	
PSY 1160	African American Psychology	Semester	3	1	
PSY 1100	General Psychology	Semester	3	1	
BIO 1121	Human Anatomy and Physiology I	Semester	3	1	
BIO 1222	Human Anatomy and Physiology II	Semester	3	1	

All four-year colleges and universities in the United States accept both the ACT and SAT tests. Students are encouraged to take the ACT at least twice during their junior year (late winter and spring) and then again in the fall of the senior year. Students receive two fee waivers for the ACT and SAT during their junior or senior year if they financially qualify.

#### **ACT test dates:**

Registration deadlines and test dates will be posted on the school website under school counseling or go to **www.actstudent.org**.

#### **SAT test dates:**

Registration deadlines and test dates will be posted on the school website under school **www.sat.collegeboard.org**.

**PSAT is a practice SAT** test and is required to qualify for the National Merit Scholarship. The PSAT test is administered in a student's junior year during the month of October. Academically motivated students are encouraged to take the PSAT before their junior year. The specific date will be announced at the beginning of the school year. Registration information will be given to juniors in the fall. The College Board charges a testing fee for this test. Waivers are available to eligible juniors.



#### **HOME ACCESS CENTER (HAC)**

This online system allows school staff, parents and students the opportunity to view grades and classroom work through the school's website. The Home Access Center can be accessed through the Dayton Public Schools home page. Parents and students are issued separate passwords to view student specific classes and grades.

### Introducing: ACT Section Retesting, ACT Superscoring, and Faster Results with ACT Online Testing on National Test Dates

Beginning with the September 2020 ACT test, these new options offer students more choices, a better experience, and greater confidence that their ACT test scores best reflect their hard work, overall academic achievement, and potential for success throughout their lives.







#### SECTION RETESTING

Students will be able to focus their efforts on a specific test subject.

Section retesting gives students the opportunity to showcase their skills and accomplishments gained over a lifetime and not only their test-taking abilities on one particular day.

#### SUPERSCORING

Students can strengthen their ACT score by improving individual section scores.

To support the growing trend of students taking the ACT test multiple times, score report options will now provide the option for students to send their best ACT test results to colleges and include a calculated ACT Superscore. Superscoring allows students to submit their highest scores for college admission and scholarship purposes. The Superscore is a recalculation which shows the highest possible composite score across multiple ACT tests and ACT Section Retests. It reflects the average of the four best subject scores from each of the student's ACT test attempts.

## **Visit ACT.org for more information**

## **College and Career Ready**

Many colleges demand completion of specific courses of study as a requirement for entrance. Grade-point average, ACT or SAT scores, and rigorous curriculum are all factors in the college admission decision. After gaining admission to the college of your choice, it is important to remain in good standing and become a successful graduate. The Board of Regents and the State of Ohio have established a core curriculum for students planning to attend college. These courses are minimum recommendations. A student is encouraged to take additional courses as their schedule allows. It is advised that the student complete the following courses beyond the minimum graduation requirements including 2-3 years of the same foreign language and an additional science and math.

It is advisable to make inquiries at the school or training institution of your choice to address any specific requirements they may have.

#### **COLLEGE VISITATION DAYS**

Seniors and Juniors may be excused from school as a "non-absence" to visit a college campus. The maximum number of approved visitation days shall not exceed three (3) full school days per year during the junior/senior years with permission from an administrator. Documentation/proof of visit should be returned to the attendance office the next school day in order for the absence to be coded "college visit".

#### **JOB SHADOWING DAYS**

Students wishing to participate in a meaningful career job shadowing experience may elect to do so a maximum of 3 days per year as a "non-absence" from school. Students must provide proof of visitation and return the form to the attendance office the day after the experience. Students must make their own arrangements with the business and provide their own transportation. Students are encouraged to write a thank you note and send to the business within a week of the experience.

#### **STUDY ABROAD PROGRAM**

Students interested in participating in any foreign exchange program should contact their counselor for information. Students interested in studying abroad must ensure that arrangements are made in advance to ensure that all requirements for graduation are met. Agencies that sponsor study abroad include AFS, PAX, and many others.

#### **EARLY GRADUATION**

The Board of Education believes that it is in the best interest of students to complete a full, four-year high school program of studies and extra-curricular activities. The Board recognizes that there may be individual cases in which the interests of students would be served best through an early graduation plan. Accordingly, the early graduation plan for Dayton Public Schools shall be based on the following consideration and procedures:

A student may complete requirements for graduation within three years and participate in commencement ceremonies if the following criteria are met:

- 1. The student shall have fulfilled all course requirements as established by the Dayton Public Schools Board of Education, earn a minimum of twenty (20.5) credits, and meet requirements established by ODE for the year the student would have graduated if not doing so early.
- 2. All credits shall have been granted through an accredited high school.
- 3. The student and parent/guardian shall confer with the counselor prior to the beginning of the junior year.
- 4. Participation in all school activities will cease upon presentation of diploma.

#### **December completion**

A student may complete requirements for graduation in December of their senior year and participate in commencement ceremonies in May/June if the following criteria are met:

- 1. The student must be in compliance with criteria #1 and #2 from the 3-year graduate.
- 2. The student and parent/guardian shall confer with the counselor prior to the beginning of the senior year.
- 3. Participation in school activities will cease upon completion of graduation requirements, except for commencement. However, the student may attend school sponsored functions with administrative approval.

#### **NATIONAL HONOR SOCIETY:**

The Dayton Public Schools Chapter of the National Honor Society requires students to meet the standards set by this organization established in 1921: Scholarship, Leadership, Service and Character. To be eligible a student must have:

- · completed the sophomore year
- attended Dayton Public Schools for one year (a requirement of the national organization)
- earned a weighted cumulative grade point average of 3.0 or higher based on school requirements

A student can transfer his/her membership from the previous school if active and in good standing. The student must come with a letter from the previous organization. If a student meets the basic requirements during the first semester he or she will be eligible to be considered by the NHS Faculty Committee. The number of students inducted varies from year to year as there is no specific number set by the committee. Following the induction ceremony, all students who have not been selected will be contacted to discuss the process and to answer any questions. The following criteria are used by the committee in their evaluation:

- · Attendance: excellent attendance is recommended
- · Scholarship: must meet minimum GPA requirements
- Service: community service is required
- · Character (no documented incident of illegal/immoral conduct, suspension may result in ineligibility)



## **Extracurricular Sports Eligibility**

The Board recognizes the value of interscholastic extracurricular activities for students in grades 7-12 as an integral part of the total school experience. Since participation in interscholastic extracurricular activities is a privilege and not a right, students are expected to demonstrate competence in the classroom as a condition of participation.

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Students must have a minimum grade-point average of 2.0 on a 4.0 grading scale in the quarter preceding the season. It is the goal of Dayton Public Schools to have all student-athletes achieve at least a 2.0 grade-point average. Student-athletes with a grade-point average of a 1.5 through a 1.99

that desire to participate in athletics must be enrolled in their school's Athletic Academic Intervention Program (AAIP). Students in the AAIP must remain enrolled for at least one calendar year, and must attend 85% of all study tables sessions. Students must meet the established goal of a 2.0 GPA each quarter and pass five (1) credit classes for high school and four credits total for middle school to be restored athletically. Failure to make academic progress in a quarter will result in the student athlete being removed and declared ineligible immediately. The Athletic Department has instituted **Progress Monitoring** as an added support for the athlete's academic progress. Progress Monitoring allows Athletic Administration to get a "snapshot" of each student athlete's academic progress on a bi-weekly basis. Students are required to meet the GPA and attendance standards stated in the aforementioned text. OHSAA eligibility will be based on each 9 week grading period (OHSAA Bylaw 4-4-1). Eligibility for fall sports will be determined based on grades received during fourth grading period the previous SY and also the first nine weeks. Winter eligibility will be based on the first and second nine week grading periods. The eligibility for spring sports will be determined based on grades during the third and fourth grading periods. Students must be passing five one-credit classes. **Physical education is not a one-credit class (is not counted towards eligibility).**\*\*Please refer to the DPS Athletic Handbook and Board Policy for further information and regulations.

#### **NCAA - DIVISION I ACADEMIC REQUIREMENTS**

College-bound student-athletes will need to meet the following academic requirements to practice, receive athletic scholarships, and/or compete during their first year. Criteria for a full qualifier:



- Complete 16 core courses as required in the various core content areas
- 10 of the 16 core courses must be completed before the seventh semester (senior year) of high school
- 7 of the 10 core courses must be in English, math or science
- Earn a core-course GPA of at least 2.30
- Earn the ACT/SAT score matching your core-course GPA on the Division sliding scale.
- Graduate High School

#### **NCAA - DIVISION II ACADEMIC REQUIREMENTS**

College-bound student-athletes first enrolling at an NCAA Division II school on or after August 1, 2018, need to meet new academic rules to practice, compete and receive athletics scholarships during their first year. Students who plan to play sports at a Division I or II school should register with NCAA Eligibility Center www.eligibiltycenter.org prior to their senior year of high school. Criteria for a full qualifier:

- Complete 16 core courses as required in the various core content areas
- Earn a core-course GPA of at least 2.200
- Earn the ACT/SAT score matching your core-course GPA on the Division II full qualifier sliding scale
- · Graduate high school

#### **NAIA ELIGIBILITY REQUIREMENTS**

Students need to register with the NAIA Eligibility Center at www.PlayNAIA.org prior to their senior year in high school if interested in playing sports at an NAIA college. High school graduation, plus two out of three requirements must be achieved:

- · A minimum of 18 on the ACT or 860 on the SAT
- · A minimum overall GPA of 2.00 on a 4.00 scale
- Graduate in the top half of the graduating class

## **Course Offerings**

**COURSE FEES:** The Dayton Public Schools Board of Education has waived academic course fees for the 2022-23 school year. However, students will be required to pay for lost or damaged school property and costs associated with athletics, extra-curricular activities, college entrance testing and class dues. There may be fees for required materials in AP courses. CTE classes may have fees associated with a particular career pathway course. \*\*There may be courses unique to a specific program or pathway that may not be included.

#### Art

Students must earn one (1) full credit of Fine Arts as part of their high school graduation requirement.

Course Title	Grade Level	Length	Credit	Prerequisite
Art I	9-12	Year	1	
Art II	10-12	Year	1	Art I
Art III	11-12	Year	1	Art II
Art IV	11-12	Year	1	Art III
		<b>Art Elective Courses</b>		
Art Survey	9-12	Semester	.5	
Fibers and Textiles	10-12	Semester	.5	Art I or concurrent with elective
Ceramics I	9-12	Semester	.5	Art I
Ceramics II	10-12	Semester	.5	Ceramics I
Ceramics III	10-12	Semester	.5	Ceramics II
Ceramics IV	10-12	Semester	.5	Ceramics III
Drawing and Painting I	10-12	Semester	.5	Art I, II
Drawing and Painting II	10-12	Semester	.5	Drawing and Painting I
Adv Drawing & Painting	10-12	Year	1	Drawing and Painting II
Sculpture I	9-12	Semester	.5	
Sculpture II	10-12	Semester	.5	Sculpture I
Sculpture III	11-12	Semester	.5	Sculpture II
Sculpture IV	11-12	Semester	.5	Sculpture III
Computer Graphics I	10-12	Semester	.5	
Computer Graphics II	11-12	Semester	.5	Computer Graphics I
Computer Graphics III	11-12	Semester	.5	Computer Graphics II
Computer Graphics IV	11-12	Semester	.5	Computer Graphics III
Printmaking I	9-12	Semester	.5	Art I
Printmaking II	9-12	Semester	.5	Printmaking I
Printmaking III	9-12	Semester	.5	Printmaking II
Printmaking IV	9-12	Semester	.5	Printmaking III
Photography I	9-12	Semester	.5	Art I
Photography II	10-12	Semester	.5	Photography I
Adv Photography	11-12	Year	1	Photography II
Film and Video I	9-12	Semester	.5	
Film and Video II	9-12	Semester	.5	Film and Video I
Art History I	9-12	Semester	.5	
Art History II	9-12	Semester .5		Art History I
AP Art and Design	9-12	Year	1	
AP Art History	9-12	Year	1	

#### Art I, II, III, VI (Year) 1 Credit

Art I-IV are designed to provide a foundation for advanced arts courses. Emphasis is placed on understanding the elements of art and principles of design as a basis for composition. Students will explore a variety of artists, art processes and materials such as drawing, painting, printmaking, two & three-dimensional design, and digital art. Student artwork will reflect aesthetics & cultural and historical contexts.

#### Art Survey (Semester) .5 Credit

This course will include class discussions, investigation of artworks, art criticism, and art production. Students will explore the world of visual art, make connections to other disciplines and current events, and gain an understanding of the artists' ideas and intentions. This course is open to all students, no prerequisite required.

## Drawing and Painting I, II (Semester) .5 Credit Advanced Drawing & Painting (Year) 1 Credit

Drawing and painting provides an opportunity for students to expand on drawing and painting concepts. Emphasis is placed on design principles, drawing techniques and painting skills leading to the development of abilities that are necessary for advanced art courses. Students are given more in depth problems to solve creatively while becoming more adept through a broad exposure to various media.

#### Fibers and Textiles (Semester) .5 Credit

Using fiber and textile media and techniques, students will create works that focus on the transition between two and three-dimensional artworks. Fiber and textile processes may include: weaving, fabric printing, papermaking, basketry, batik, and mixed media. Cultural, historic, and aesthetic aspects of these processes will be incorporated, as well as experiences in art criticism.

#### Ceramics I, II, III, IV (Semester) .5 Credit

Students will learn the methods of working with clay such as coiling, slab building, and throwing on the wheel. Students are encouraged to explore individual styles while producing a diverse body of three-dimensional work. Students will build on the foundation skills of ceramics through advanced hand building, glazing, and firing techniques. Students will focus on portfolio development and are encouraged to enter regional and state competitions.

#### Sculpture I, II, III, IV (Semester) .5 Credit

Students will explore the element of form using a variety of materials such as clay, plaster, wood, and metals. Students are encouraged to explore individual styles while producing a diverse body of three-dimensional work.

#### Computer Graphics I, II, III, IV (Semester) .5 Credit

Students will be introduced to the principles of graphic design and visual communication. A range of design techniques will be explored using Adobe Photoshop and Illustrator. Students will analyze, critique artworks and learn about the origins of graphic design. Students will be exposed to a variety of disciplines within the graphic design field such as logo design, poster design, typography, packaging design, and illustration. Students will build upon the foundations of computer graphics, will explore design techniques and become more proficient in the use of the Adobe suite.

#### Printmaking I, II, III, IV (Semester) .5 Credit

This course introduces students to the production of multiple images from a single design. Emphasis is on design and creative use of the materials and techniques of the relief, monoprint, and silkscreen printing processes.

#### Photography I, II (Semester) .5 Credit

In Photography I and II, students will learn how to use a 35mm film camera, digital camera, as well as the basics of Adobe Photoshop. Students have the opportunity to develop their own black and white film, and enlarge their own photographs. Topics include: basic and experimental darkroom techniques, digital manipulation and how to incorporate traditional art media. Students will also study significant photographers in history. All of the camera techniques learned in this course can be applied to the most advanced digital cameras.

#### Advanced Photography (Year) 1 Credit

Students will build upon skills learned in the introductory photography courses. Topics may include: documentary photography (photojournalism), studio photography (portrait lighting techniques), how to build strong compositions, operation of a DSLR (digital single lens reflex) camera, and advanced Photoshop techniques. Students are encouraged to develop their own personal vision and style. Students have the opportunity to submit work to competitions.

#### Film and Video I, II (Semester) .5 Credit

These courses will teach students the basics of photography, camera function, video editing, media analysis, and filmmaking. Students will work individually and in groups to write, shoot, and edit their own projects. Students will create PSA's, commercials, short films, music videos and news stories. Selected videos are screened during class throughout the semester to enhance the critique process.

#### **Business**

Course Title	Grade Level	Length	Credit	Prerequisite
Accounting I	10-12	Semester	.5	
Business Economics	10-12	Semester	.5	
Business/Personal Law	10-12	Semester	.5	
Computer Applications	10-12	Semester	.5	
Entrepreneurship	10-12	Semester	.5	
Intro to Business	10-12	Semester	.5	
Intro to Marketing	10-12	Semester	.5	
Management Principles / Project Management	10-12	Semester	.5	

#### Accounting I (Semester) .5 Credit

Students will be introduced to the financial world with a basic understanding of fiscal accounting procedures including the analysis of business transactions, posting, adjusting and closing entries, and financial statement preparation.

#### **Business Economics (Semester) .5 Credit**

This class focuses on economics, entrepreneurship, operations, and economic decision-making in the business world. Topics include supply and demand, productivity, standard of living, labor and business, taxes, inflation, interest, and unemployment and business processes.

#### **Business/Personal Law (Semester) .5 Credit**

This course gives students a basic understanding of the law in today's society. Students will study: today's legal system, personal property law, contracts, case law, and consumer protections and rights.

#### **Computer Applications (Semester) .5 Credit**

Students will learn how to use keyboard, Microsoft Word, PowerPoint and Excel document software.

#### **Entrepreneurship (Semester) .5 Credit**

Entrepreneurship students will plan and explore the startup of an entrepreneurial business venture. Students will improve their understanding of marketing, finance, and other core business areas.

#### Introduction to Business (Semester) .5 Credit

Students will learn the broad base of skills in the business field such as office administration, financial services, and business management.

#### Introduction to Marketing (Semester) .5 Credit

Students will learn the skills required for a career in the business and marketing field. Students will learn how companies gain and maintain competitive advantages in a global environment.

## Management Principles/Project Management (Semester) .5 Credit

Principles of management focuses on the roles and responsibilities of managers as well as the opportunities and challenges of leading ethically in a free enterprise system. This class covers management concepts based on management theory and practical tools that manages commonly use to meet organizational challenges and objectives such as team building, leadership, problems solving, roles, and planning.

### **Career Exploration**

Course Title	Grade Level	Length	Credit	Prerequisite
Career Connections	8	Semester	No credit	
Career Exploration	10/11	Semester	.5	
Career Connections (Ponitz Only)	9	Semester	.5	
Study Skills (Dunbar Only)	9	Semester	.5	
College/Career Readiness	11/12	Semester	.5	
Foundations of Leadership	9-12	Semester	.5	

#### Career Exploration (Semester) .5 Credit

Career exploration is a **required class for graduation**. Students will work towards the completion of the Ohio Means Jobs Readiness Seal, one of two seals required for graduation for the Classes of 2021 and beyond.

#### College and Career Readiness (Semester) .5 credit

This class addresses career development and postsecondary preparation. Students will engage in goal setting activities, will research careers and future workforce demands, will practice interview skills, and will work on updating a resume and applying for jobs. Students will explore the college application process, financial aid options, and required testing programs for admission (ACT, SAT, ASVAB).

#### Foundations of Leadership (Semester) .5 Credit

This class addresses the variety of ways of exercising leadership, exploration of students' strengths and weaknesses, and how they can best work with others in a leadership context. Students will have access to the Leadership Excellence Credential (3 pts) and the Lean Six Sigma Yellow Belt (3 pts) and Green Belt (6 pts).

### **Computer Science**

Course Title	Grade Level	Length	Credit	Prerequisite
Computer Gaming	9-12	Semester	.5	
Computer Science I	9-10	Year	1	
Computer Science II Honors	10-12	Year	1	Computer Science I
Website Development	11-12	Year	1	

#### Computer Gaming (Semester) .5 Credit

Students will learn the basics of coding, animation, collision detection and game physics to create playable games.

#### Computer Science I (Year) 1 Credit

Students will learn the fundamentals of computer science and design thinking and study the impact of computing innovations. Students will be introduced to object oriented programming and basics of programming languages.

#### **Computer Science II Honors (Year) 1 Credit**

Students will study object oriented programming and basics of programming languages including Java.

#### **Website Development (Year) 1 Credit**

Students will learn the dynamics of the web environment. Students will explore visual applications including photo editing, animation, and creating drag and drop applications for computer mobile devices.

#### **Dance**

Students must earn one (1) full credit of Fine Arts as part of their high school graduation requirement.

Course Title	Grade Level	Length	Credit	Prerequisite
Dance I	9-12	Year	1	
Dance II	10-12	Year	1	Dance I
Dance III	11-12	Year	1	Dance II
Dance IV	11-12	Year	1	Dance III
Choreography Honors	11-12	Year	1	

### **English Learners**

Course Title	Grade Level	Length	Credit	Prerequisite
TESOL I, II, III	9-12	Year	1	•
ESL Int LA I	9	Year	1	
ESL Int LA II	10	Year	1	ESL Int LA I
ESL Int LA III	11	Year	1	ESL Int LA II
ESL Int LA IV	12	Year	1	ESL Int LA III
ESL Tutor	9-12	Year	1	
ESL Biology	10	Year	1	
ESL Amer Govt	11-12	Year	1	
ESL Algebra	9-10	Year	1	
ESL Geometry	10-12	Year	1	
ESL Amer History	10-12	Year	1	

#### TESOL I, II, III (Year) 1 Credit in Foreign Language

This course is designed for students whose primary language is not English. This course will study the language and culture of the English speaking world that leads to an ability to function in academic and everyday situations.

## ESL Int LA I, II, III, and IV (Year) 1 Credit in English Language Arts

These courses are designed for students whose primary language is not English. These courses are defined by state standards. The instructional emphasis focuses on analysis, critical thinking, oral and written communication, and vocabulary. Students will analyze a variety of works in fiction, non-fiction, poetry and drama.

#### ESL Tutor (Year) 1 Credit

This course is designed for students whose primary language is not English. This class allows for support in English communication skills or support in English for academic purposes. This class may serve students who no longer need TESOL, but who will benefit from additional supports in additional content areas.

## ESL Biology, ESL American Government, ESL Algebra, ESL Geometry, ESL American History (Year) 1 Credit

These sheltered courses are designed for students whose primary language is not English. These courses will count towards earned credit in each content area and will follow Ohio's Academic Content Standards outlined for each discipline. Students will receive the support needed for success in each of the identified content areas.

## **Integrated Language Arts**

Integrated Language Arts is a continuation of the study of Reading, Writing, Speaking, and Listening. Students will study a variety of types of literature, write in a variety of styles and fine tune speaking and listening skills. Students will take a core ELA course each year for four years. Each core course = 1 credit. The AP and CCP cores may also be taken as electives.

	CORE COURSES					
Course Title	Grade Level	Length	Credit	Prerequisite		
Integrated Language Arts I <i>OR</i>	9	Year	1			
Integrated Language Arts I Honors	9	Year	1			
Integrated Language Arts II <i>OR</i>	10	Year	1			
Integrated Language Arts II Honors	10	Year	1			
Integrated Language Arts III <i>OR</i>	11	Year	1			
Integrated Language Arts III Honors <i>OR</i>	11	Year	1			
AP Language & Composition Honors OR	11	Year	1 (Honors)			
CCP ENG 1101 (H)	11	1 Sinclair Term	1 (Honors) 3 CCP Hours	Meet CCP requirements		
Integrated Language Arts IV <i>OR</i>	12	Year	1			
Integrated Language Arts IV Honors	12	Year	1			
AP Language & Composition Honors OR	12	Year	1 (Honors)			
CCP ENG 1201 (H)	12	1 Sinclair Term	1 (Honors) 3 CCP Hours	Meet CCP requirements		

LANGUAGE ARTS ELECTIVES					
Course Title	Grade Level	Length	Credit	Prerequisite	
Reading Lab I	9	Year	1		
Reading Lab II	10	Year	1		
Creative Writing I	9-12	Year	1		
Creative Writing II	10-12	Year	1	Creative Writing I	
Creative Writing III	11-12	Year	1	Creative Writing II	
Creative Writing IV	12	Year	1	Creative Writing III	
<b>Creative Writing IV (H)</b>	12	Year	1	Creative Writing III	
Journalism	11-12	Year or Semester	1 or .5		
Film Appreciation	9-12	Semester	.5		
Speech	9-12	Semester	.5		
Multicultural Literature	9-12	Semester	.5		
Contemporary Young Adult Literature	9-12	Semester	.5		
ELA Applications (OST lab)	11-12	Semester	.5	Required intervention before retaking the OST ELA II	

#### Integrated Language Arts I (Year) 1 Credit

This Literature-based course concentrates on all the critical language skills: reading, writing, speaking, listening and viewing as defined through state and national standards. The instructional emphasis focuses on analysis, critical thinking, oral and written communication, and vocabulary. Students will analyze a variety of works in fiction, non-fiction, poetry and drama. The course includes a research project.

#### Integrated Language Arts I Honors (Year) 1 Credit

This course provides accelerated learners with an opportunity to refine their critical language skills. Students will analyze, synthesize and evaluate works from a variety of genres; demonstrate their ability to produce complex, analytical and persuasive writings of consistently high quality and sophistication: and actively participate in opportunities for speaking, listening and viewing. Students selecting this course are expected to have control of grammar, mechanics and usage. This course also contains a research component.

#### Integrated Language Arts II (Year) 1 Credit

This course is designed to help students perform at the level of state and national standards in critical language skills: reading, writing, speaking and listening. This literature-based course continues to focus on the critical language skills with an instructional emphasis on analysis and persuasion. Students will continue their study of a variety of genres; practice higher-level critical thinking, and produce descriptive, analytical, and persuasive writings as well as informal responses. This course includes a paper/project incorporating research.

#### Integrated Language Arts II Honors (Year) 1 Credit

This weighted course provides learners with an opportunity to further refine their critical language skills, continuing their study of a variety of genres. The emphasis in critical thinking will focus on analysis, synthesis and evaluation, which students will demonstrate in complex descriptive, analytical and persuasive writings of consistently high quality and sophistication. These higher level-thinking skills also must be evident through active participation in class discussion and formal speaking opportunities. In order to focus on organization and content, students should enter this course with sound control of grammar, mechanics and usage. This course includes a research project.

#### Integrated Language Arts III (Year) 1 Credit

A strong emphasis is placed on reading comprehension strategies, reading applications for both literary and informational texts, and research procedures. The student will be required to demonstrate an ability to write a variety of compositions using the writing process. These may include, but not limited to, a response to literature and /or a reflective, analytical, or interpretive essay based on personal experience, informational or literary texts. All compositions will employ accepted writing conventions. There may also be an oral and/or visual component applied within this course.

#### Integrated Language Arts III Honors (Year) 1 Credit

This weighted course utilizes the same standards and requirements as English III with increased rigor in curriculum and assessments. A summer reading program is required in which a student is to read and write responses for a selected novel.

#### Integrated Language Arts IV (Year) 1 Credit

A strong emphasis is placed on reading comprehension

strategies, reading applications for both literary and informational texts, and research procedures. The student will be required to demonstrate an ability to write a variety of compositions using the writing process. These may include but not limited to a response to literature and/or a reflective, analytical, or interpretive essay based on personal experience, informational or literary texts. In addition functional documents such as a resume, career narrative, and college application essays will be included. \*\*A capstone research assignment is a requirement for all DPS students.

#### Integrated Language Arts IV Honors (Year) 1 Credit

This weighted course utilizes the same standards and requirements as English IV with increased rigor in curriculum and assessments. A summer reading program is required in which a student is to read and write responses for a selected novel. Students are not required to take the AP English Exam and thus cannot earn college credit. This course may also be a good choice for those students who have completed their college English requirement through CCP, but yet want or need to take another Integrated Language Arts class at the high school.

#### AP Language and Composition (Year) 1 Credit

This weighted course utilizes the same standards and requirements as the standardized national AP Curriculum. The curriculum has increased rigor and a more challenging text. A summer reading program is required in which a student is to read and write responses for a selected novel. Students are required to take the AP English Exam.

#### AP Literature and Composition (Year) 1 Credit

This weighted course utilizes the same standards and requirements as the standardized national AP Curriculum. The curriculum has increased rigor and a more challenging text. A summer reading program is required in which a student is to read and write responses for a selected novel. Students are required to take the AP English Exam.

#### Journalism (Semester) .5 Credit

Students in journalism will learn the fundamentals of conducting interviews, transcribing notes, editing stories and rewriting final stories for publications.

#### Multicultural Literature (Semester) .5 Credit

In this year-long course students will learn the appreciation of culture, cultural values, and perspectives (our own and those of others) by reading, discussing and writing.

#### Creative Writing (Semester/Year) .5 Credit

Students learn how to use written language to express and develop creative thought through stories, plays, essays, and poetry. The option for a full year credit in Creative Writing exists at Stivers only.

#### **Contemporary Young Adult Literature (Semester).5 Credit**

Students will read and discuss young adult literature from a variety of genres. Students will read works by diverse authors outside the traditional English classroom repertoire which will include a variety of high interest subjects such as relationships, poverty, social justice, and mental health.

#### **ELA Applications (Semester) .5 Credit**

This course is designed to support the student who still needs to pass the End of Course exam in ELA I or ELA II. This class can be taken in conjunction with a repeated English class.



### **Health And Physical Education**

A physically literate individual has learned the skills necessary to participate in a variety of physical activities, knows the implications and the benefits of involvement in various types of physical activities, participates regularly in physical activity, is physically fit, and values physical activity and its contributions to a healthful lifestyle.

#### **PE Waiver**

A student may choose to substitute interscholastic athletics, marching band, ROTC, and/or cheerleading for their physical education credit. Students will have to complete two (2) seasons of these substitutions in order to receive a waiver for the course and may not substitute any less than that. No credit is earned through the substitution of a PE waiver.

Course Title	Grade Level	Length	Credit	Prerequisite
Health	9 -12	Semester	.5	
Physical Education I, II	9-12	Semester	.25	2 semesters required for graduation
Safety/CPR	9-12	Semester	.5	
Lifetime Sports	10-12	Semester	.25	

#### Physical Education I, II (Semester) .25 Credit

Students will learn the importance of being physically fit and to improve their overall fitness by participating in physical education. There will be a variety of individual, team and lifetime sports offered to students. Appropriate dress is required.

#### Health Education (Semester) .5 Credit

This course explores body structures and functions, safety and first aid, community and environmental health, healthy practices and wellness, health careers and related occupations, diseases, human sexuality, and substance use and abuse. This course follows state guidelines and uses the National Health Curriculum.

#### Lifetime Sports (Semester) .25 Credit

Students will learn the game rules, scoring techniques, and strategies for sports that include tennis, golf, volleyball, soccer, table tennis, badminton, and bowling.

#### Safety/CPR (Semester) .5 Credit

This course is for students interested in sports medicine, health careers, and first aid. Students will learn prevention, evaluation, and assessment of safety. Students will receive CPR training and Red Cross certification.

## **Mathematics**

Students must earn four (4) full credits of Math, to include Algebra II, as part of their high school graduation requirement. Calculators are used in all math courses.

### Sample math class sequences:

Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
Pre-Algebra 8	Algebra I	Geometry or Geometry Honors	Algebra II or Algebra II Honors	Prob & Stats or Consumer Math or Pre-Calculus Honors

Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
Algebra I Honors	Geometry or Geometry Honors	Algebra II or Algebra II Honors	Pre-Calculus Honors or Prob & Stats	AP Calculus Honors or Pre-Calculus Honors or Prob & Stats or Consumer Math

Course Title	Grade Level	Length	Credit	Prerequisite
Algebra I	9	Year	1	8th Grade Pre-Algebra
Algebra Applications (OST Lab)	10-12	Semester	.5	Required intervention before retaking Algebra OST
Algebra I Honors	8-9	Year	1	
Geometry	10	Year	1	Algebra I
Geometry Honors	9-10	Year	1	Honors Algebra I
Algebra II	10-12	Year	1	Algebra I
Algebra II Honors	10-11	Year	1	Honors Geometry
Probability & Statistics	12	Year	1	Algebra I, Geometry, & Alg. II
Consumer Math	12	Year	1	3 credits of math
Pre-Calculus Honors	11-12	Year	1	Honors Algebra II
AP Calculus AB Honors	12	Year	1	Pre-Calculus

#### **Calculator Requirement**

Basic calculators are provided in the classroom but it is recommended that all students purchase their own TI-84 or better graphing calculator. Not all computer apps can do everything that a graphing calculator can, and the apps cannot be used during any standardized test (ACT, PSAT, SAT, etc). Most colleges expect that students have experience with graphing calculators. The TI-84 graphing calculator comes in several different editions (PLUS, Silver, Inspire), but only a standard edition is necessary.

#### Algebra I (Year) 1 Credit

The course is fully aligned to the topics and rigor of the Ohio Academic Content Standards for Mathematics and satisfies one full credit towards the mathematics graduation requirement. These topics include 21st century skills and problem solving that develop a deep understanding of algebraic properties, concepts and operations.

#### Algebra Applications (Semester) .5 credit

Students who do not pass the Algebra end of course exam must enroll in Algebra Applications prior to retaking the state test. The course is a semester in length and will reinforce algebraic concepts, test taking skills, calculator use, and may utilize the intervention tool, ALEKS.

#### Geometry (Year) 1 Credit

This year-long course is for students who have successfully completed Algebra I. The topics include 21st century skills and problem solving that makes use of geometric relationships and formal mathematical reasoning. In this course students will explore properties of 2-D and 3-D geometric figures, inductive and deductive reasoning, constructions, transformations, trigonometric ratios, functions and probability.

#### Algebra II (Year) 1 Credit

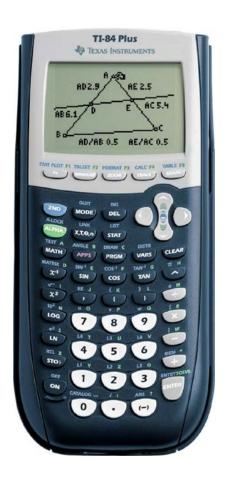
This year-long course is intended for junior and senior students who have successfully completed Algebra I and Geometry. The topics include 21st century skills and problem solving that makes use of a deepening understanding of algebraic properties, concepts and operations. Students will explore families of functions, use different number systems, and use algebra to model and solve problem situations.

#### **Probability & Statistics (Year) 1 Credit**

This year long course is offered for those students interested in continuing their mathematics education, but who are not interested in the traditional next step of Pre-Calculus or Calculus. Statistics emphasizes various ways to collect, display and analyze data. Measures of center, spread and position are considered. The fundamentals of probability, distributions, sampling, population estimates, and hypothesis testing are explored. This course stresses conceptual understanding and utilizes statistical data drawn from a wide variety of disciplines. (Prerequisite Algebra II)

#### Consumer Math (Year) 1 Credit SENIORS ONLY

Students will learn mathematics in the context of business and personal finance that includes budgeting and money management, banking and credit, saving and investing. This course provides valuable information on how to use math in everyday business and personal finance situations to fully understand how to manage one's financial resources effectively for lifetime financial security.



### **Military science**

Army Junior Reserve Officers' Training Corps (AJROTC) is the largest youth program, with an accredited curriculum, in high school. It serves as a character and leadership development program for our nation's high school students. High school students enrolled in JROTC are "Cadets." There are approximately 314,000 Cadets enrolled in JROTC in 1,731 high schools, led by 4,000 retired Army Instructors.

Course Title	Grade Level	Length	Credit	Prerequisite
JROTC I	9-12	Year	1	
JROTC II	9-12	Year	1	JROTC I
JROTC III	9-12	Year	1	JROTC II
JROTC IV	9-12	Year	1	JROTC III
Intro to Cultural/ Global Awareness	9-12	Year	1	

**Army JROTC** – Meadowdale **Navy JROTC** – Belmont

#### AJROTC I (Year) 1 credit

This is the first of four core courses in the Army Junior Reserve Officers' Training Corps (JROTC) high school program. This course supports 22 lessons designed for first-year Cadets. Because the central focus of the JROTC program is to help develop strong leaders and model citizens. First year Cadets are introduced to content that will help the inner leader begin to emerge.

#### AJROTC 11 (Year) 1 credit

The second course focuses on developing the leader. Cadets study elements of leadership, personal growth and behaviors, effective communication, team building, first aid and response to emergencies, decision making, health and fitness, and service learning.

#### AJROTC III (Year) 1 credit

The third course provides more challenging opportunities as a leader by overseeing planning, project implementation, and team personnel. Cadets at this level can acquire battalion staff positions and responsibilities and help integrate improvements in the local JROTC program and community.

#### AJROTC IV (Year) 1 credit

The fourth course provides Cadets multiple opportunities to manage and lead in the battalion, in the school, and their respective communities. Cadets will look closely at the leadership role in continuous improvement, manage service learning projects, and provide drill leadership opportunities to execute company and battalion drills.

#### Intro to Cultural/Global Awareness (Year) 1credit

This course introduces students to the world's cultures through the study of world affairs, regional studies, and cultural awareness. The course delves into history, geography, religions, languages, culture, political systems, economics, social issues, environmental concerns, and human rights. It examines major events and significant figures that have shaped each region.

#### NJROTC I (Year) 1 credit

Students will be introduced to the meaning of citizenship, the elements of leadership, and the value of scholarship in attaining life goals. Students will learn about the Navy's mission and organization, maritime geography, seapower and challenge, introduction to navigator and time, basic seamanship, oceanography, health education and first aid.

#### NJROTC II (Year) 1 credit

Students will continue ongoing learning in leadership theory, Naval orientation and career planning, naval history, naval weapons and gunnery, navigation fundamentals, meteorology and weather, and survival training and orienteering.

#### NJROTC III (Year) 1 credit

Students will broaden their understanding of the operative principles of military leadership, teamwork, the value of order and discipline in the accomplishment of objectives, the fundamentals of American democracy, and to expand their knowledge of naval academic subjects.

#### NJROTC IV (Year) 1 credit

This course focuses on practical leadership. Seniors are put in positions of leadership and will motivate others, develop goals and activities for a work group, and lead younger cadets in the areas of military drill and inspections and school events.

## Music

#### **Instrumental Music**

Students must earn one (1) full credit of Fine Arts as part of their high school graduation requirement unless enrolled in a career tech program.

Course Title	Grade Level	Length	Credit	Prerequisite
Concert Band	9 -12	Year	1	
Band I	9-10	Year	1	
Band II	10-12	Year	1	Band I
Band III	10-12	Year	1	Band II
Band IV	10-12	Year	1	Band III
Symphonic Band	9-12	Year	1	Placement by instructor
Wind Ensemble	9-12	Year	1	
Orchestra I	9-12	Year	1	
Orchestra II	9-12	Year	1	Orchestra I
Orchestra III	9-12	Year	1	Orchestra II
Orchestra IV	9-12	Year	1	Orchestra III
Jazz Band	9-12	Year	1	
<b>Percussion Ensemble</b>	9-12	Year	1	
Piano I (Stivers Only)	9-12	Year	1	
Piano II (Stivers Only)	9-12	Year	1	Piano I
Piano III (Stivers only)	9-12	Year	1	Piano II
Piano IV (Stivers only)	9-12	Year	1	Piano III
Drumline I	9-12	Year	1	
Drumline II	10-12	Year	1	Drumline I
Drumline III	11-12	Year	1	Drumline II
Drumline IV	12	Year	1	Drumline III



## **Vocal/General Music**

Students must earn one (1) full credit of Fine Arts as part of their high school graduation requirement unless enrolled in a career tech program.

Course Title	Grade Level	Length	Credit	Prerequisite
Choir I	9-12	Year	1	
Choir II	9-12	Year	1	Choir I
Choir III	9-12	Year	1	Choir II
Choir IV	9-12	Year	1	Choir III
Chamber Choir	10-12	Year	1	Placement by Instructor
Symphonic Choir	9-12	Year	1	Placement by Instructor
Chorale	10-12	Year	1	Placement by Instructor
<b>Music Appreciation</b>	9-12	Semester	.5	
Music Theory	9-12	Semester	.5	
AP Music Theory Honors	11-12	Year	1	Instructor Permission
Introduction to Opera	9-12	Semester	.5	
Musical Theater	9-12	Semester	.5	
Music Theory I	9-12	Year	1	
Music Theory II	10-12	Year	1	Music Theory I
Show Choir	9-12	Year	1	



## Science

Students are required to complete three years of Science coursework for graduation requirements which must include a Physical Science, Biology, and a third science.

## **Science sequence of courses:**

Grade 9	Grade 10	Grade 11 - 12
Physical Science	Biology or Biology Honors	Chemistry Chemistry Honors Environmental Science Anatomy & Physiology Physics Geology AP Chemistry Honors AP Biology Honors AP Physics Honors

Course Title	Grade Level	Length	Credit	Prerequisite
Physical Science	9	Year	1	
Biology	10	Year	1	
Advanced Biology Honors	10	Year	1	Biology
Chemistry	11-12	Year	1	Algebra (C or better) recommended
Honors Chemistry	11-12	Year	1	Algebra (C or better) recommended
Physics	12	Year	1	Algebra II recommended
Lab Investigations	11-12	Semester	.5	
Geology	11-12	Year	1	
Environmental Science	11-12	Year	1	Phys. Sci. and Biology
Anatomy & Physiology	11-12	Year	1	Biology and Chemistry recommended
STEM Foundations I	Thurgood only	Semester	.5	
STEM Foundations II	Thurgood only	Semester	.5	
AP Biology Honors	11-12	Year	1	Biology and Chemistry preferred
AP Chemistry Honors	11-12	Year	1	Chemistry
AP Environmental Science Honors	11-12	Year	1	Biology
AP Physics Honors	11-12	Year	1	Algebra II preferred
CCP Bio 1121 CCP Bio 1222	11-12	2 Sinclair Terms (Year)	(2) 6 CCP Hours	Meet CCP Requirements

### Physical Science (Year) 1 Credit

This course is the foundation of ALL subsequent science classes. This course comprises the systematic study of the physical world as it relates to fundamental concepts of matter, energy and motion. This class is required for all 9th grade students.

### **Biology (Year) 1 Credit**

This course emphasizes the concepts, principles and theories that enable people to understand living organisms. Students study life science concepts such as cells and their structure and function, the genetic and molecular bases of inheritance, biological evolution, and the diversity of life including the kingdoms of living organisms. Embedded throughout the course are the basic science processes of inquiry, modeling investigations and the nature of science.

### Honors Biology (Year) 1 Credit

In addition to the objectives of the biology course, honors students will also be expected to:

- Complete reading assignments outside of class including scientific research articles
- 2. Complete research projects outside of class
- 3. Employ rigorous mathematical analyses of experimental data

### **Chemistry (Year) 1 Credit**

Chemistry is a college preparatory course designed as a survey of atomic and molecular structure, chemical and physical properties of matter, reactions, physical and organic chemistry. Emphasis is placed on chemical theory and its applications in the physical world. The mathematics of chemistry demands a good working knowledge of arithmetic and algebra, especially in using percentage, ratio, and proportion.

### Honors Chemistry (Year) 1 Credit

This weighted course is for the advanced science student. This course is designed to offer a rigorous and challenging course that covers the chemistry and chemical principles typical of college and university general chemistry courses. Special emphasis is placed on experimentation and problem solving. Students should have completed the first semester of Algebra II with at least a "B" or Honors Geometry with at least a "C".

### Physics (Year) 1 Credit

Physics is the study of energy and motion. This course is of great value to those students who expect to enter college or pursue a career that requires knowledge of science and mathematics. It incorporates the study of mechanics, force and motion, work and power, machines, sound, light, and electricity. Students should have earned at least a "C" in Chemistry.

### Geology (Year) 1 Credit

Geology studies the history, structures, and processes of solid Earth. Physical Geology incorporates chemistry, physics and environmental science and introduces students to the history of earth, structures and processes including minerals, rocks, plate tectonics, earth resources, and glacial geology. Investigations will incorporate scientific reasoning, analysis, communication skills and real-world applications. (Prerequisite Physical Science and Biology)

### **Environmental Science (Year) 1 Credit**

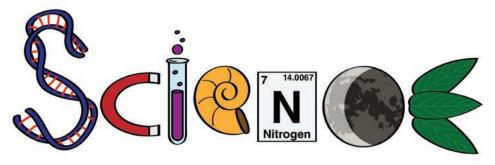
Environmental Science studies the biosphere, hydrosphere, lithosphere and atmosphere, the movement of energy through the spheres, earth's resources including renewable and non-renewable resources, air and water pollution, soil, land, wildlife, agriculture, and global and environmental problems and issues including human population, climate change, sustainability, extinction and extirpation, biodiversity, and deforestation. The course focuses on the use of environmental resources in responsible ways. Grades 11, 12 (Prerequisite Physical Science and Biology)

### Anatomy and Physiology (Year) 1 Credit

This course is an advanced study of the human body for students with an interest in pursuing a career in a health-related field. Topics include anatomical structures, physiological systems, and body functions. Students will acquire skills used in the classification of data, experience in oral and written communication of data, and skills in drawing logical inferences and predicting outcomes. Grades 11, 12 (Prerequisite Biology and Chemistry)

## CCP Bio 1121 Human Anatomy and Physiology I 3 CCP Hours

CCP Bio 1122 Human Anatomy and Physiology II 3 CCP Hours



## **Social Studies**

Course Title	Grade Level	Length	Credit	Prerequisite	
Social Studies Core Courses					
World History	9	Year	1		
American History II	10	Year	1		
American Gov't	11-12	Year	1		
American Gov't Honors	11-12	Year	1		
		Social Studies Electives			
African American History	10-12	Semester	.5		
Economics	10-12	Semester	.5		
Psychology I	10-12	Semester	.5		
Psychology II	10-12	Semester	.5		
Sociology	10-12	Semester	.5		
Contemporary World Issues	10-12	Semester	.5		
Women's Studies	10-12	Semester	.5		
AP American History Honors	10-12	Year	1		
AP Human Geography Honors	10-12	Year	1		
AP US Government & Politics Honors	10-12	Year	1		
AP European History Honors	10-12	Year	1		
AP World History: Modern Honors	10-12	Year	1		

### American History II (Year) 1 Credit

American History examines the history of the United States of America from 1877 to the present. Understanding how events came to pass and their meaning for today's citizens is the purpose of this course. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions.

### American Government (Year) 1 Credit

American Government addresses how the American people govern themselves at national, state and local levels. Students will analyze and review such topics as public policy, elections and voting, constitutional principles, the Bill of Rights, law and justice, economics and financial literacy. This course will provide students with an opportunity to research real-world problems and develop action-plans as citizens. Suggested for students in grade 11.

### World History (Year) 1 Credit

World History examines world events from 1600 to the present. It explores the impact of the democratic and industrial revolutions, the forces that led to world domination by European powers, the wars that changed empires, the ideas that led to independence movements and the effects of global interdependence. The concepts introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions. Suggested for students in grade 9.

### **Economics (Semester) .5 Credit**

Economics explores the fundamentals that guide individuals and nations as they make choices about how to use limited resources. It examines the ability of individuals to use knowledge and skills to manage limited financial resources effectively for a lifetime of financial security. Electronic resources will be used to complete research. Strong vocabulary and writing skills are very helpful in this class. Students interested in coursework related to business at the collegiate level will gain a basic background. Suggested for students in grade 11 or 12.

### Psychology I, II (Semester) .5 Credit

Psychology addresses physiological, cognitive, behavioral, and affective domains of psychology. This course stresses the application of academic content to the student's life. Students interested in Introduction to psychology courses at the collegiate level will receive preparatory coursework in this elective. Suggested for students in grade 11 or 12.

### Sociology (Semester) .5 Credit

Sociology examines how individuals, groups, and institutions interact to mold human societies. Students will learn about various sociological perspectives, cultural awareness, social structures, and social inequality. Students will explore the study of people and the roles they play in society, both as individuals and groups. Suggested for students in grade 11 or 12.

### African-American History (Semester) .5 Credit

African American History is designed to develop student awareness and understanding of African American influence throughout the United States. The course will include the introduction of Africans to the Americas, enslavement and emancipation, social and political movements, and cultural contributions of African Americans in society. The course will highlight African American traditions and social developments throughout time. Suggested for students in grade 10, 11, or 12.

### Contemporary World Issues (Semester) .5 Credit

Contemporary World Issues is a current events based course that examines the dynamics of global interactions among nations and regions relating to issues that affect all humanity. These dynamics include competing beliefs and goals, methods of engagement, and conflict and cooperation. Contemporary issues will encompass political, economic, social, historic and geographic components encouraging students to connect real world learning to 21st century skills. Using research and seminar based instruction students will address global and regional issues, reflect on historical influences and examine multiple perspectives. Students will use PBL to impact global issues through service learning and senior projects. Suggested for students in grade 11 or 12.

### **Practical Law (Semester) .5 Credit**

Practical Law is designed to give students a basic overview of the American judicial system and opportunities for practical applications of legal concepts. Topics covered in this semester elective will include the history of law and the American judicial system, adult and juvenile criminal law, current legal issues, and various cases involving individual rights and liberties. Electronic resources will be used to complete research. Strong vocabulary and writing skills are very helpful in this class.

### Women's Studies (Semester) .5 Credit

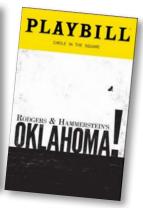
This course offers an introduction to Women's and Gender Studies, an interdisciplinary academic field that explores critical questions about the meaning of gender in society.

## Theatre

Course Title	Grade Level	Length	Credit	Prerequisite
Theater I	9-12	Year	1	
Theater II	9-12	Year	1	
Theater III	9-12	Year	1	
Theater IV	9-12	Year	1	







## **World Languages**

The advantages of taking a foreign language include: enhanced career possibilities, foreign travel potential, cultural and political understanding, and personal satisfaction. Many colleges have two years of foreign language as an entrance requirement.

French and Spanish are practical languages for students planning careers in business, the natural and social sciences, and foreign service, as well as advanced work in medicine and engineering. Listening, speaking, reading, and writing are part of the entire program of a modern foreign language course. State academic content standards are followed in all foreign language courses. Fluency in the language is commensurate with the number of years of study and is not to be expected immediately.

Course Title	Grade Level	Length	Credit	Prerequisite
Spanish I	9-11	Year	1	
Spanish II	9-12	Year	1	Spanish I
Spanish III Honors	10-12	Year	1	Spanish II
Spanish IV Honors	11-12	Year	1	Spanish III
Spanish V Honors	12	Year	1	Spanish IV
French I	9-11	Year	1	
French II	9-12	Year	1	French I
French III Honors	10-12	Year	1	French II
French IV Honors	11-12	Year	1	French III
French V Honors	11-12	Year	1	French IV

### Spanish I (Year) 1 Credit

This class offers the beginning student an introduction to one of the most widely spoken languages in the world today. Students in first level Spanish focus on learning through basic conversation with emphasis on speaking, listening, reading and writing proficiency. Emphasis is placed on understanding and pronunciation, using authentic listening materials. A variety of strategies will be utilized incorporating culture with language learning.

### Spanish II (Year) 1 Credit

In this class students increase their ability to read, write, speak and understand the Spanish language. Emphasis will be placed on expanding the vocabulary and structures of the previous level. There is also further study of the culture and civilization of Spanish speaking countries. A "C" average in Spanish I and/or teacher recommendation is required.

### Spanish III Honors (Year) 1 Credit

Spanish III is designed for students who have completed two credits of high school Spanish. This course continues the five-fold emphasis of listening, speaking, reading, writing and culture. Spanish III allows the student to comfortably use the Spanish language in realistic settings. A "C" average in Spanish II is recommended.

### Honors Spanish IV (Year) 1 Credit

This course continues the study of the Spanish language and the development of communicative proficiency in Spanish. Students will experience a synthesis of previously learned language skills with emphasis on historically and culturally authentic materials. Students will read and discuss literature with pertinent themes in mind. A "C" average in Honors Spanish III is recommended.

### Honors Spanish V (Year) 1 Credit

This course expands and masters the skills learned at the previous level for the AP test and/or university language placement test. This class places an emphasis on AP style reading, writing, speaking and listening while providing an opportunity for expanding vocabulary and developing the ability to apply and analyze grammar based on a variety of materials. Students are required to take the AP Spanish Exam. A "C" average in Honors Spanish IV and/or teacher recommendation is recommended.

### French I (Year) 1 Credit

This class offers the beginning college bound student an introduction to the French language. Students in first level French focus on learning through basic conversation with emphasis on speaking, listening, reading and writing proficiency. Emphasis is placed on understanding and pronouncing, using authentic listening materials. A variety of strategies will be utilized incorporating culture with language learning.

### French II (Year) 1 Credit

This course is designed to strengthen the student's ability to read, write, understand and speak the language. Emphasis

will be placed on expanding the vocabulary and structures of the previous level. There is also further study of the culture and civilization of France and other French speaking countries. A "C" average in French I and/or teacher recommendation is required.

### French III Honors (Year) 1 Credit

This course is designed for students who have successfully completed two years of high school French. This course continues the five-fold emphasis of listening, speaking, reading, writing and culture. French III allows the student to comfortably use the French language in realistic settings using thematically expanded vocabulary. A "C" average in French II and/or teacher recommendation is recommended.

### French IV Honors (Year) 1 Credit

This course continues the study of the French language and the development of communicative proficiency in French. Students in the fourth level of French will experience a culmination of previously learned language skills with emphasis on historically and culturally authentic materials. A literacy component will also be included. A "C" average in Honors French III and/or teacher recommendation is recommended.



## at Meadowdale

## Is This You?

- I am precise
- I like working with my hands
- I pay attention to detail
- I have a good eye for design
- I like knowing how things work



Invent, design, and manufacture tools and components using advanced computer-controlled technology. Program, troubleshoot, and repair robotics, hydraulics, air and electrical systems. Work daily with the same equipment and techniques as industry leaders.

## **ALLIED HEALTH**

at Ponitz

## Is This You?

- I like to help others
- I am compassionate and caring
- I am hard working
- I am detailed-oriented and conscientious



Develop skills to care for patients who are ill, injured, or disabled. Prepare for a career working in hospitals or nursing homes under the direction of nurses and doctors. Explore a range of medical careers through practical lab experiences, clinicals, and related coursework. Develop a professional work ethic with a focus on communication and patient care skills.

- I am hands-on
- I solve problems
- I have a mechanical aptitude
- I am detail-oriented
- I am a team player



Diagnose, service and repair a wide range of vehicles. Use advanced diagnostic equipment to troubleshoot and repair complex automotive systems all while learning customer service skills.

## **BIOMEDICAL SCIENCE**

at Meadowdale

# Is This You?

- I can work as part of a team
- I am detail-oriented
- I am interested in learning how the human body works
- I am analytical and like to problem solve
- I can follow directions and work hard every day



Engage in compelling, hands-on activities and work together to find solutions to real-world problems. Use scientific inquiry in areas of microbiology, biochemistry, genetic engineering, medical interests, immunology, and bioethics. Sharpen lab skills such as micropipetting, aseptic technique, molecular biology techniques, inoculating and streaking agar plates, checking vital signs.

at Ponitz

## Is This You?

- I am detail-oriented
- I excel in high school science class
- I am analytical
- I like research and experiments



Discover how living organisms like cells, plants, and animals can be used to solve real life problems related to crime, hunger, the environment, nutrition, and health. Use scientific inquiry in areas of pharmacy, water quality, forensics, biomedical, botany, research, food science, and microbiology. Sharpen lab skills such as micropipetting, aseptic technique, pouring, inoculating and streaking agar plates.

## **BUSINESS**

at Meadowdale

## Is This You?

- I enjoy helping others
- ◆ I am detail-oriented
- I am organized
- I solve problems



Gain a basic understanding of the business world, including economics, owning and operating a business, marketing, and personal finance planning. Learn and apply essential business technology and software to earn Microsoft Office Specialist certifications.

BUSINESS at Ponitz

## Is This You?

- I enjoy helping others
- I am detail-oriented
- I am organized
- I solve problems



Gain a basic understanding of economics, owning and operating a business, globalization, marketing, and personal finance planning. Learn business technology and software to earn Microsoft Office Specialist certifications. Expand career awareness to become employable in a variety of business careers. Design and implement powerful marketing and management plans to solve real-world business challenges.

## **CONSTRUCTION TECHNOLOGY**

at Ponitz

## Is This You?

- I take pride in my work
- I like to build
- I work well with my hands
- I like to work with others



Learn the fundamentals of carpentry, including framing, installation of windows and doors, stairs, and roofing. Students will also learn computer aided design and develop skills in remodeling and renovation.

- I am attentive to detail
- I am a good listener
- ◆ I am creative
- I display a positive attitude
- I work well with others
- I display professional ethics



This program is designed in accordance with the State Board of Cosmetology. The student must complete 1500 hours in-school training to become eligible to take the State Licensing Examination.

## CRIMINAL JUSTICE

at Ponitz

## Is This You?

- I work well under pressure
- I want to be the change
- I am communityoriented
- I enjoy helping others



Students will engage in hands-on experiences in the criminal justice field. Students will obtain proficiency in handcuffing techniques, weapon retention, and vehicle extractions, as well as the use of force continuum.

- I am creative
- I enjoy serving others
- I can multitask and work under pressure
- I enjoy a fast-paced atmosphere



Create professional foods, cakes, and pastries with an artistic presentation. Plan, prepare, and serve meals for casual dining and upscale events. Be a key part of the team that develops complete meals and unique dining experiences.

## **CYBERSECURITY**

at Meadowdale

## Is This You?

- I like technology
- I am analytical
- I pay attention to details
- I like to read



Identify and protect internet-connected data systems from cyber attacks. Build and support networks. Connect users' devices to each other and the internet.

- I enjoy hands-on labs
- I like helping others
- I enjoy learning new things
- I am a team player



Develop the necessary skills to assist dentists and hygienists with patient care, office tasks, and lab duties. Learn patient's oral health education, mixing dental materials, exposing, developing and mounting oral x-rays, infection control, sterilization and chairside assisting for operative and emergency dentistry. Learn general office procedures, patient record keeping, and dental charting.

## **DIGITAL CINEMA**

at Stivers

## Is This You?

- I tell stories creatively
- I want to learn how to make movies
- I like working as part of a team
- I like finding solutions to problems



Students will learn pre-production, production, and post-production of varied genres of short films. Students will learn professional level editing, special effects software, and HD camera operation.

## at Meadowdale

## Is This You?

- I like technology
- I am curious
- I am logical
- I am creative



Explore the applications behind the creation of today's hottest design trends. Get hands-on experience with digital photography using state-of-the-art tools. Learn how to design and develop modern websites for mobile and desktop platforms.

## **ENGINEERING TECHNOLOGIES**

at Ponitz

## Is This You?

- I am analytical/ mathematical
- I am curious
- I am a problem solver
- I am self-motivated



Prepares students to be innovative and productive leaders using engineering principles, mathematics, and critical thinking skills. Students are exposed to the engineering pathways and learn the skills of a high demand of the global economy.

## **EXERCISE SCIENCE**

## Is This You?

- I enjoy exercising
- I am passionate about helping others
- I am energetic
- I am a professional
- I am goal-oriented



Explore a wide range of exercise science, fitness and physical therapy careers. Learn to prevent and treat injuries using techniques based on the principles of anatomy & physiology. Exercise science professionals are needed to address the general wellness needs of the public.

## FIREFIGHTING AND EMT

at Belmont

## Is This You?

- I am a good citizen
- I want to help people
- I am energetic
- I work well under pressure



Students will work with a variety of first responders within the community. Students will learn to evaluate ways to combat different types of structure fires and the necessary protocols involved. Students will learn to operate a wide range of firefighting, security and life-saving equipment, while training to earn firefighting and EMT certifications.

## at Ponitz

## Is This You?

- I like to design things
- I am detail-oriented
- I like technology
- I work with my hands



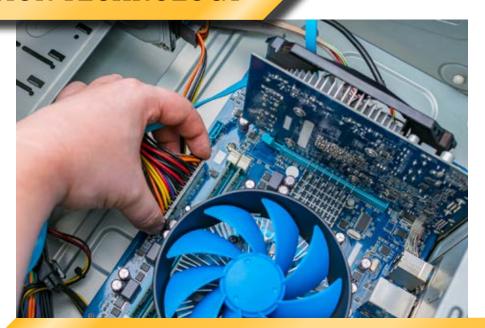
Explore all aspects of the graphic art industry. Develop skills in computer design, photography, screen printing, and printing digital and large-format operations.

## **INFORMATION TECHNOLOGY**

at Meadowdale

# Is This You?

- I enjoy technology
- I like to fix things
- I pay attention to details
- I want to know how things work



Obtain a working knowledge of computer concepts, including computer hardware and software. Learn to install, repair, and troubleshoot computer hardware systems. Perform preventative maintenance practices. Install, configure, and troubleshoot network hardware and peripherals.

## at Meadowdale

## Is This You?

- I enjoy working outside
- I have a sense of design
- I am detail-oriented
- I am customer driven



Students will learn common plants, flowers, and shrubs used in landscape design as well as their care. Students will learn skills in creating blueprints, estimates, and landscaping design. Students will learn to install water features and accent lighting.

## **MEDIA ARTS**

at Ponitz

## Is This You?

- I am creative
- I am a storyteller
- I am detail oriented
- I am inquisitive
- I never stop learning



Students learn the fundamentals of broadcasting production in audio, video, and marketing while using a fully equipped television studio, video edit lab, FM studio, and audio production booths. The program is designed to build skills so students can independently produce video and audio pieces for broadcast. Students will push their creative potential and explore the world through the eyes of media.

- I am detail-oriented
- I am hard-working
- I can follow directions
- I am professional



Explore a wide range of pharmaceutical principles, career concepts, and skills needed to become a pharmacy technician. Students will learn how to read, interpret, and dispense prescriptions. They will learn how medications are classified and administered. Students will study the impact of drugs on different systems of the body, interaction of drugs, side effects and effectiveness in relation to dosages.

## **PHOTOGRAPHY**

at Stivers

# Is This You?

- I am detail-oriented
- I like taking photographs
- I like working independently and collaborating with other artists
- I have good attendance
- I am self motivated



Learn the latest technology and gain an understanding of fine art and studio photography. Gain a solid foundation in the conceptual, technical, and studio coursework. Learn the foundations of traditional darkroom and digital photography, printing, studio lighting, Adobe Creative Suite photo software, and web-based applications.

## PRE-NURSING

## Is This You?

- I enjoy learning about the body, diseases and treatment for disorders
- I have a caring attitude
- I have good stamina
- I am a professional



Develop skills to care for patients who are ill, injured, or disabled. Prepare for a career working in hospitals or nursing homes under the direction of nurses and doctors. Explore a range of medical careers through practical lab experiences, clinicals, and related coursework. Develop a professional work ethic and communication and patient care skills.

## PROGRAMMING AND GAME DESIGN

at Meadowdale

## Is This You?

- I like to solve puzzles
- I am detail-oriented
- I can work alone and with a team
- I like a challenge



Learn the basics of building simple interactive applications. Prepare to design and program games using commercial and open source programs and applications. Learn industry standard programming language constructs to write programs that integrate classes, class methods, and class instances. Learn input method handling, animation, collision detection, and game physics.

## **TEACHER ACADEMY**

## Is This You?

- I enjoy working with young people
- I enjoy talking to people
- I have leadership skills
- I am organized
- I enjoy helping others



Explore the field of education and related career options in the urban setting. Receive an in-depth view of the teaching profession through project-based experiences and culturally relevant teaching.

## THEATRICAL DESIGN AND PRODUCTION

at Stivers

# Is This You?

- I am self-motivated and disciplined
- I have strong artistic skills
- I love challenges and creative problemsolving
- I prefer working in a shop over desk work



This program covers instruction in designing and producing technical elements for the performing arts disciplines. These studies prepare students for a wide variety of jobs, including: working on Broadway productions, working in film and television art departments, managing large scale events, and concert touring.

## **NOTES**

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115 South Ludlow Street Dayton, Ohio 45402