



Graduation Pathways

The following slides include the pathways which OCA students may choose to achieve high school graduation and meet their postsecondary goals. These are examples of course sequences, individual students' schedules may vary



Individualized Academic Pathway

Subject	9th Grade	10th Grade	11th Grade	12th Grade
English	English 9	English 10	English 11	English 12
Mathematics	Algebra I	Geometry	Algebra 2 or Advanced Quantitative Reasoning	Additional Math (Required)
Science	Physical Science	Biology	Chemistry, Earth or Conservation Science	Science Elective
Social Studies	US History	Modern World/ Social Studies (Required)	American Government	Social Studies Elective
Electives	Career Planning/ Personal Finance* (Required)	Fine Arts (Required)	Education Technology	Elective (Required) World Languages are recommended, not required
Electives	Physical Education/ Health (Required)	Elective (Required) World Languages are recommended, not required	Elective (Required) World Languages are recommended, not required	Elective

* Personal Finance fulfills the Ohio financial literacy requirement. Students may choose to complete Internship & Work Study in lieu of Career Planning.

Subject	9th Grade	10th Grade	11th Grade	12th Grade
English	English 9	English 10	English 11	English 12
Mathematics	Algebra I	Geometry	Algebra 2	Precalculus or Statistics
Science	Physical Science	Biology	Chemistry	Physics
Social Studies	US History	Modern World/ Social Studies (Required)	American Government	Social Studies Elective (Required)
Electives	Career Planning/ Personal Finance* (Required)	Education Technology	Fine Arts (Required)	Elective (Required)
Electives	Physical Education/ Health (Required)	World Language I	World Language II	World Language III

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 → GPA must be 3.5 or higher (unweighted) and ACT score 27+ or SAT 1280+. Honors or AP can be considered for core subjects.

Advanced Placement (AP) Pathway

Subject	9th Grade	10th Grade	11th Grade	12th Grade
English	Honors English 9	Honors English 10	AP English Language	AP English Literature
Mathematics	Algebra I	Geometry	Algebra 2	AP Statistics
Science	Physical Science	Biology	Chemistry	AP Biology
Social Studies	US History	Modern World/ AP Psychology	AP American Government	AP United States History
Electives	Career Planning/ Personal Finance* (Required)	Fine Arts (Required)	AP Computer Science	AP Human Geography
Electives	World Language I	World Language II	World Language III	World Language IV
	Physical Education/ Health (Required)			

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College Credit Plus 16 Credit Hour Pathway

This is an example sequence based on courses offered at Sinclair Community College

Subject	9th Grade	10th Grade	11th Grade	12th Grade
English	English 9	English 10	English Composition I (3 CCP Credits)	English 12 or AP English Literature
Mathematics	Algebra I	Geometry	Algebra 2	College Algebra (4 CCP Credits)
Science	Physical Science	Biology	Chemistry	Physics
Social Studies	US History I (3 CCP Credits)	Modern World/ Social Studies (Required)	American Government	General Psychology (3 CCP Credits)
Electives	Career Planning/Personal Finance* (Required)	Effective Public Speaking (3 CCP Credits)	Education Technology	Fine Arts (required)
Electives	World Language I	World Language II	World Language III	World Language IV
	Physical Education/ Health (Required)			

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College Credit Plus 31 Credit Hour Pathway

This is an example sequence based on courses offered at Sinclair Community College

Subject	9th Grade	10th Grade	11th Grade	12th Grade
English	English 9	English 10	English Composition I (3 CCP Credits)	Intro to Literature (3 CCP Credits)
Mathematics	Algebra I	Geometry	Algebra 2	College Algebra (4 CCP Credits)
Science	Physical Science	Biology	Chemistry	Physics
Social Studies	US History I (3 CCP Credits)	Western Civilization I (3 CCP Credits)	American Federal Government (3 CCP Credits)	General Psychology (3 CCP Credits)
Electives	Career Planning/Personal Finance* (Required)	Interpersonal Communications (3 CCP Credits)	Effective Public Speaking (3 CCP Credits)	Trigonometry (3 CCP Credits)
Electives	Physical Education/Health (Required)	Education Technology	Fine Arts (required)	
Electives	World Language I	World Language II	World Language III	World Language IV

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Career Center Dual Enrollment Pathway

Subject	9th Grade	10th Grade	11th Grade	12th Grade
English	English 9	English 10	English 11	English 12
Mathematics	Algebra I	Geometry	Algebra 2	Additional Math (Required)
Science	Physical Science	Biology	Chemistry, Earth or Conservation Science	
Social Studies	US History	Modern World/ Social Studies (Required)	American Government	
Electives	Career Planning/ Personal Finance* (Required)	Fine Arts (Required)	Career Center Course	Career Center Course
Electives	Physical Education/ Health (Required)	Education Technology	Career Center Course	Career Center Course

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Career Pathway: Information Technology

Subject	9th Grade	10th Grade	11th Grade	12th Grade
English	English 9	English 10	English 11	English 12
Mathematics	Algebra I	Geometry	Algebra 2	Additional Math (Required)
Science	Physical Science	Biology	Chemistry, Earth or Conservation Science	
Social Studies	US History	Modern World/ Social Studies (Required)	American Government	
Electives	Career Planning/ Personal Finance* (Required)	Physical Education/ Health (Required)	Fine Arts (Required)	AP Computer Science
Electives (Required)	Computing for College & Careers A/B	Coding A/B	Web Design and/or Game Design	IT Work-based Learning Capstone

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Subject	9th Grade	10th Grade	11th Grade	12th Grade
English	English 9	English 10	English 11	English 12
Mathematics	Algebra I	Geometry	Algebra 2	Additional Math (Required)
Science	Physical Science	Biology	Chemistry, Earth or Conservation Science	Additional Science or Elective
Social Studies	US History	Modern World/ Social Studies (Required)	American Government	Additional Social Studies or Elective
Electives (<u>All</u> Required)	Career Planning/ Personal Finance*	Physical Education/ Health	Fine Arts	Business Work-based Learning Capstone
Electives (<u>All</u> Required)	Principles of Business, Marketing, and Finance A/B	Strategic Entrepreneurship A/B	Human Resources Management A/B	Business Applications

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4 Year College Pathway

Subject	9th Grade	10th Grade	11th Grade	12th Grade
English	English 9	English 10	English 11	English 12
Mathematics	Algebra I	Geometry	Algebra 2	Precalculus
Science	Physical Science	Biology	Chemistry	Physics
Social Studies	US History	Modern World/ Social Studies (Required)	American Government	AP Social Studies (Recommended)
Electives	Career Planning/ Personal Finance* (Required)	Physical Education/ Health (Required)	Education Technology	Fine Arts (Required)
Electives	World Language I	World Language II	World Language III	World Language IV

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→ Honors or AP should be considered for core subjects.



Subject	9th Grade	10th Grade	11th Grade	12th Grade
English	Honors English 9	Honors English 10	Honors English 11 or AP English Language	AP English Literature
Mathematics	Honors Algebra I	Honors Geometry	Honors Algebra 2	Honors Precalculus or AP Math
Science	Honors Physical Science	Honors Biology	Honors Chemistry	Honors or AP Science
Social Studies	Honors US History	Honors Modern World/ Social Studies (Required)	AP American Government	AP United States History
Electives	Career Planning/ Personal Finance* (Required)	Physical Education/ Health (Required)	Education Technology	Fine Arts (Required)
Electives	World Language I	World Language II	World Language III	World Language IV

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