

## **2020-2021 COURSE LIST**

Coatesville Cyber Academy sources curriculum from several vendors to provide the largest catalog possible and the most individualized course content for each learner.

\*Course selection may vary due to vendor availability and is subject to change based on enrollment.

#### **Vendors**

**Odysseyware (ODY)-** Courses are prescriptive, with clear and linear paths to completion that students find helpful and easy to navigate. ODY is a good fit for most learners, particularly those who are new to online learning.

**Edgenuity (EDG)-** Provides direct-instruction video content for lessons, making online learning more interactive and personal. They offer a large selection of unique and interesting electives. Edgenuity is a good fit for those students who are not strong readers.

**eDynamic-** eDynamic is the largest publisher of Career Ready and Elective courses in North America, and the only publisher solely dedicated to developing programs of student in pathways leading to industry recognized certifications.

Accelerate Education (ACC. ED)- The Accelerate Education curriculum offers rich and engaging content that has been carefully designed to meet the standards required by states. Students are engaged in a variety of activities and assessments appropriate to the courses being studied, including labs, journals, written assignments, discussions, group and individual projects, formative assessments, objective tests and written exams.



## **Elementary Courses**

Provided by Accelerate Education

△ Academic Version Available

Gifted & Talented Version Available

#### Kindergarten - 5th Grade Core

Course	Grade	Credit	Vendor
Language Arts	(K – 5)	1.0	ACC. ED
Math	(K – 5)	1.0	ACC. ED
Science	(K – 5)	1.0	ACC. ED
Social Studies	(K – 5)	1.0	ACC. ED

#### Kindergarten – 5th Grade Electives

Course	Grade	Credit	Vendor
Physical Education	K-5	0.5	ACC. ED
Art	K-5	0.5	ACC. ED
Scratch Coding	3-5	0.5	ACC. ED
Sign Language	K-5	0.5	eDyn

Courses subject to change based on enrollment.



## **Middle School Courses**

#### Grade 6

Course	Grade	Credit	Vendor
Language Arts 600	6	1.0	EDG
Math 600	6	1.0	EDG
Science 600	6	1.0	EDG
Social Studies 600	6	1.0	EDG

#### Grade 7

Course	Grade	Credit	Vendor
Language Arts 700	7	1.0	EDG
Math 700	7	1.0	EDG
Science 700	7	1.0	EDG
World Civilizations	7	1.0	ODY

#### Grade 8

Course	Grade	Credit	Vendor
Language Arts 800	8	1.0	EDG
Math 800	8	1.0	EDG
Pre-Algebra	8	1.0	ODY
Developmental Algebra (full year)	8	1.0	ODY
Algebra I	8	1.0	ODY/EDG
Science 800	8	1.0	EDG
History & Geography 800	8	1.0	ODY

#### Middle School Electives (Grades 6 – 8)

Course	Grade	Credit	Vendor
Art Appreciation	6 - 8	0.5	ACC. ED
Art Explorations	6 - 8	0.5	ACC. ED
Computer Basics	6 - 8	0.5	ACC. ED
French I and II	6 - 8	0.5	ACC. ED
German I and II	6 - 8	0.5	ACC. ED
Healthy Living	6 - 8	0.5	EDG
Health Quest I	6 - 8	0.5	ODY
Health Quest II	6 - 8	0.5	ODY
Lifetime Fitness	6 - 8	0.5	EDG
Middle School Digital Art & Design*	6 - 8	0.5	eDyn
Middle School Exploring Music	6 - 8	0.5	eDyn
Middle School Journalism	6 - 8	0.5	eDyn
Middle School Photography	6 - 8	0.5	eDyn
MS Spanish I and II	6 - 8	0.5	ODY
Music Appreciation	6 - 8	0.5	ACC. ED
Shape Up	6 - 8	0.5	ODY
Sport Fitness	6 - 8	0.5	ODY

#### **Middle School Career Ready Electives**

Course	Grade	Credit	Vendor
Middle School Career Exploration 1	6 - 8	0.5	eDyn
Middle School Career Exploration 2	6 - 8	0.5	eDyn
Middle School Coding 1a: Introduction*	6 - 8	0.5	eDyn
Middle School Coding 1b: Learning Python and Javascript*	6 - 8	0.5	eDyn
Middle School Game Design 1a: Introduction*	6 - 8	0.5	eDyn
Middle School Game Design 1b: Creating a Game*	6 - 8	0.5	eDyn
Middle School 2D Studio Art*	6 - 8	0.5	eDyn
Middle School Digital Art and Design*	6 - 8	0.5	eDyn



# **High School Courses**

BVA sources curriculum from several vendors to provide the largest catalog possible and the most individualized course content for each learner. Please visit us at bva.geniussis.com

#### **Course Levels**

All Courses are available in college prep form, for learners on grade level. The following additional levels are available in select subjects:

#### **Credit Recovery I Academic I Honors**

Contact admissions for course availability at info@bvapa.org. Courses subject to change based on enrollment or availability.

#### **English**

Course	Grade	Credit	Vendor
Creative Writing	10 – 12	0.5	eDyn*
English I	9	1.0	ODY/EDG
English II (English Literature)	10	1.0	ODY/EDG
English III (American Literature)	11	1.0	ODY/EDG
English IV (British & World Literature)	12	1.0	ODY/EDG

#### Math

Course	Grade Level	Credit	Vendor
Pre-Algebra	8-9	1.0	ODY
Developmental Algebra	8-9	1.0	ODY
Continuing Algebra	8-9	1.0	ODY
Algebra I	9-11	1.0	ODY/EDG
Algebra II	10-12	1.0	ODY/EDG
Geometry	10-12	1.0	ODY/EDG
Consumer Math	12	1.0	ODY
Math Concepts	11-12	1.0	ODY
Pre-Calculus	12	1.0	ODY/EDG
Trigonometry	11/12	0.5	ODY
Calculus	9-12	1.0	Edmentum

#### Science

Course	Grade	Credit	Vendor
Anatomy and Physiology	10-12	1.0	ACC. Ed
Biology	9 – 11	1.0	ODY/EDG
Chemistry	11 - 12	1.0	ODY/EDG
Earth & Space Science	9 - 11	1.0	ODY
Environmental Science	12	1.0	ODY
General Science	9	1.0	ODY
Marine Science	10-12	0.5	ACC. ED
Paleontology	10-12	0.5	ACC. ED
Physics	9-12	1.0	ODY/EDG
Physical Science	10-12	1.0	ODY
Renewable Energy	10-12	0.5	ACC. ED
Space Exploration	10-12	0.5	ACC. ED

#### Health/PE

Course	Grade	Credit	Vendor
BVA Personal & Sport Fitness	9-12	0.5	ODY
Child Development & Physical Health	9-12	0.5	ODY
Health & Safety	9-12	1.0	ODY
Intro to Fitness	9-12	0.5	ODY
Lifetime Fitness	9-12	0.5	EDG
Physical Education	9-12	0.5	ODY

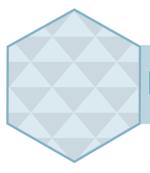
Physical & Mental Health	9-12	0.5	ODY
Growth and Development	9-12	0.5	ODY

#### **Social Studies**

Course	Grade	Credit	Vendor
General History 900	9	1.0	ODY
American History I	9-10	1.0	ODY/EDG
American History II	9-11	1.0	ODY/EDG
World Geography & Cultures	9-12	1.0	ODY
U.S. Government	9-12	0.5	ODY
World History	10-12	1.0	ODY/EDG
African American History	9-12	1.0	BVA
Economics	9-12	0.5	ODY/EDG

#### **STEM Track**

Course	Grade	Credit	Vendor
English I	9	1.0	ACC Ed/BVA
(Composition)			
Algebra I	9	1.0	ACC Ed/BVA
Biology	9	1.0	ACC Ed/BVA
History & Geography	9	1.0	ACC Ed/BVA
Geometry	10	1.0	ACC Ed/BVA
Chemistry	10	1.0	ACC Ed/BVA
English II	10	1.0	ACC Ed/BVA
Algebra II	10	1.0	ACC Ed/BVA
Chemistry	10	1.0	ACC Ed/BVA
World History	10	1.0	ACC Ed/BVA



# **High School Elective Courses**

#### Arts, A/V Technology & Communications

Name	Grade	Credit	Vendor
3D Modeling 1a: Introduction	9 - 12	0.5	eDyn
3D Modeling 1b: Rendering Your Creativity	9 - 12	0.5	eDyn
Animation 1a: Introduction	9 - 12	0.5	eDyn
Animation 1b: Animating your Creativity *	9 - 12	0.5	eDyn
Art in World Culture	9 - 12	0.5	eDyn
Digital Photography 1: Creating Images with Impact!	9 - 12	0.5	eDyn
Digital Photography 2: Discovering Your Creative Potential	9 - 12	0.5	eDyn
Fashion & Interior Design 1a: Introduction*	9 - 12	0.5	eDyn
Fashion & Interior Design 1b: Planning your Vision*	9 - 12	0.5	eDyn
Journalism	9 - 12	0.5	eDyn
Public Speaking (Recommended STEM Elective)	9 - 12	0.5	eDyn
Theater, Cinema, & Film Production	9 - 12	0.5	eDyn

#### Arts

Name	Grade	Credit	Vendor
American Sign Language 1a: Introduction*	9 - 12	0.5	eDyn
American Sign Language 1b: Learn to Sign*	9 - 12	0.5	eDyn
American Sign Language 2a*	9 - 12	0.5	eDyn
American Sign Language 2b*	9 - 12	0.5	eDyn
Gothic Literature: Monster Stories*	9 - 12	0.5	eDyn
History of the Holocaust 1a: Introduction*	9 - 12	0.5	eDyn
History of the Holocaust 1b: Enduring Legacy*	9 - 12	0.5	eDyn

#### Agriculture, Food & Natural Resources

Name	Grade	Credit	Vendor
Agriscience 1: Introduction*	9 - 12	0.5	eDyn
Agriscience 2a: Introduction*	9 - 12	0.5	eDyn
Agriscience 2b: Sustaining Human Life*	9 - 12	0.5	eDyn
Forestry & Natural Resources*	9 - 12	0.5	eDyn
Principles of Agriculture, Food & Natural Resources 1a*	9 - 12	0.5	eDyn
Principles of Agriculture, Food & Natural Resources 1b*	9 - 12	0.5	eDyn
Renewable Technologies 1a: Introduction*	9 - 12	0.5	eDyn
Renewable Technologies 1b: Sustainable Energy*	9 - 12	0.5	eDyn
Veterinary Science: The Care of Animals*	9 - 12	0.5	eDyn

#### **Business Management & Administration**

Name	Grade	Credit	Vendor
Entrepreneurship 1a: Starting your Business*	9 - 12	0.5	eDyn
Entrepreneurship1b: Starting your Business*	9 - 12	0.5	eDyn
International Business: Global Commerce in the 21st Century*	9 - 12	0.5	eDyn

#### Computer Science (0.5 Credits)

Name	Grade	Credit	Vendor
Basic Web Design	9 – 12	0.5	Acc. Ed
Principles of Information Technology	9 – 12	0.5	eDyn
Social Media: Introduction	9 – 12	0.5	eDyn
Office Applications I	9 – 12	0.5	ODY
Office Applications II	9 – 12	0.5	ODY
Python Multi Player Adventure	9 – 12	0.5	ACC. ED
Comp TIA A+ 1001	9 – 12	0.5	Edmentum
Comp TIA A+ 1002	9 – 12	0.5	Edmentum
Comp TIA Network + Certification	9 – 12	0.5	Edmentum
Computer Programming	9 – 12	0.5	Edmentum

#### **Education & Training**

Name	Grade	Credit	Vendor

Early Childhood Education 1a: Introduction*	9 – 12	0.5	eDyn
Early Childhood Education 1b: Developing Early Learners*	9 – 12	0.5	eDyn

#### **Finance**

Name	Grade	Credit	Vendor
Personal Finance	9 – 12	0.5	ODY
Personal & Family Finance 1a*	9 – 12	0.5	eDyn
Personal & Family Finance 1b*	9 – 12	0.5	eDyn

#### **Government & Public Administration**

Name	Grade	Credit	Vendor
Introduction to Military Careers	9 – 12	0.5	eDyn
National Security	9 – 12	0.5	eDyn
Principles of Public Service: To Serve & Protect	9 – 12	0.5	eDyn

#### **Health Sciences**

Name	Grade	Credit	Vendor
Health 1: Life Management Skills*	9 – 12	0.5	eDyn
Health Science 1a: Introduction to the Whole Individual*	9 – 12	0.5	eDyn
Health Science 1b: The Whole Individual*	9 – 12	0.5	eDyn
Health Science 2a: Introduction*	9 – 12	0.5	eDyn
Health Science 2b: Patient Care & Medical Services*	9 – 12	0.5	eDyn
Health Science 1a: Public Health*	9 – 12	0.5	eDyn
Health Science 1b: Public Health, Global Concerns*	9 – 12	0.5	eDyn
Health Science 1a: Intro to Nursing*	9 – 12	0.5	eDyn
Health Science 1b: Nursing, Developing your skills*	9 – 12	0.5	eDyn

#### Hospitality & Tourism

Name	Grade	Credit	Vendor
Culinary Arts 1a: Introduction*	9 – 12	0.5	eDyn
Culinary Arts 1b: Exploring Careers in Culinary Arts*	9 – 12	0.5	eDyn
Culinary Arts 2: Baking, Pastry, & More!*	9 - 12	1.0	eDyn
Hospitality & Tourism : Traveling the Globe*	9 – 12	0.5	eDyn
Hospitality & Tourism 2a: Hotel & Restaurant Management*	9 – 12	0.5	eDyn
Hospitality & Tourism 2b: Hotel & Restaurant Management*	9 – 12	0.5	eDyn

#### **Human Services**

Cosmetology 1a: Cutting Edge Styles*	9 – 12	0.5	eDyn
Cosmetology 1b: Cutting Edge Styles*	9 – 12	0.5	eDyn
Cosmetology 2a: The Business of Skin & Nail Care*	9 – 12	0.5	eDyn
Cosmetology 3a: Introduction to Hair Skills*	9 – 12	0.5	eDyn
Human & Social Services 1a: Introduction*	9 – 12	0.5	eDyn
Human & Social Services 1b: Working with Individuals and Family*	9 – 12	0.5	eDyn
Nutrition & Wellness 1a: Introduction*	9 – 12	0.5	eDyn
Nutrition & Wellness 1b*	9 – 12	0.5	eDyn
Peer Counseling*	9 – 12	0.5	eDyn
Personal Fitness*	9 – 12	0.5	eDyn

## Information Technology (eDyn 0.5 Credits)

Name	Grade	Credit	Vendor
Coding 1: Computer Science Programming – (Recommended STEM	9 – 12	0.5	eDyn
Elective)			
Cybersecurity 1a: Foundations*	9 – 12	0.5	eDyn
Cybersecurity 1b: Defense Against Threats*	9 – 12	0.5	eDyn
Introduction to Game Design	9 – 12	0.5	eDyn
Game Design 1a*	9 – 12	0.5	eDyn
Game Design 1b: Building a Game*	9 – 12	0.5	eDyn
Social Media 1a: Our Connected World*	9 – 12	0.5	eDyn
Social Media 1b: Our Connected World*	9 – 12	0.5	eDyn
Foundations of Game Design 1a- Introduction	9 – 12	0.5	eDyn

#### Law, Public Safety, Corrections & Security

Name	Grade	Credit	Vendor
Law & Order: Intro to Legal Studies	9 – 12	0.5	eDyn
Forensics: The Science of Crime*	9 – 12	0.5	eDyn
Criminology: Inside the Criminal Mind*	9 – 12	0.5	eDyn
Careers in Criminal Justice 1a: Introduction*	9 – 12	0.5	eDyn
Careers in Criminal Justice 1b: Finding your Path*	9 – 12	0.5	eDyn

#### Liberal Arts

Name	Grade	Credit	Vendor
Art Appreciation	9 - 12	0.5	ACC. ED
Art History 1a: Introduction*	9 - 12	0.5	eDyn
Art History 1b: Art in World Cultures *	9 - 12	0.5	eDyn

Digital Photography 1a: Introduction*	9 - 12	0.5	eDyn
Digital Photography 1b: Creating Images with Impact **	9 - 12	0.5	eDyn
Digital Photography 2a: Introduction*	9 - 12	0.5	eDyn
Digital Photography 2b: Discovering your Creative Potential*	9 - 12	0.5	eDyn
Music Appreciation: The Enjoyment of Listening *	9 - 12	0.5	eDyn
Mythology and Folklore	9 - 12	0.5	ACC Ed
Philosophy	10- 12	0.5	ACC Ed
Theater Studies	9 - 12	0.5	ACC Ed

#### Life Skills

Name	Grade	Credit	Vendor
Child Development	9-12	0.5	ODY
Driver Education	9-12	0.5	BVA
Graduation Project	11-12	0.5	BVA
Health 1: Life Management Skills*	9-12	0.5	eDyn
Life Skills: Navigating Adulthood	9-12	0.5	eDyn
Study Skills and Strategies	9-12	0.5	ACC. ED
Real World Parenting	9 – 12	0.5	eDyn

#### Manufacturing

Name	Grade	Credit	Vendor
Manufacturing 1a: Introduction*	9-12	0.5	eDyn
Manufacturing 1b: Product Design & Innovation*	9-12	0.5	eDyn

#### Marketing

Name	Grade	Credit	Vendor
Advertising & Sales Promotion*	9-12	0.5	eDyn
Sports & Entertainment Marketing 1a*	9-12	0.5	eDyn
Sports & Entertainment Marketing 1b*	9-12	0.5	eDyn

#### Science, Technology, Engineering & Math (Recommended STEM Electives)

Name	Grade	Credit	Vendor
Anthropology 1: Uncovering Human Mysteries*	9 – 12	0.5	eDyn
Anthropology 2: More Human Mysteries Uncovered*	9 – 12	0.5	eDyn
Archaeology: Detectives of the Past	9 – 12	0.5	eDyn
Astronomy 1a: Introduction*	9 – 12	0.5	eDyn
Astronomy 1b: Exploring the Universe*	9 – 12	0.5	eDyn
Biotechnology 1a: Introduction*	9 – 12	0.5	eDyn

Biotechnology 1b: Unlocking Nature's Secrets	9 – 12	0.5	eDyn
Concepts of Engineering & Technology*	9 – 12	0.5	eDyn
Great Minds in Science: ideas for a New Generation	9 – 12	0.5	eDyn
Marine Science: Secrets of the Blue	9 – 12	0.5	eDyn
World of STEAM	9 – 12	0.5	ACC.
			ED

## Social Science Electives (ODY/EDG/eDyn 0.5 Credits)

Name	Grade	Credit	Vendor
Economics	9-12	0.5	ODY/EDG
Forensic Science I: Secrets of the Dead*	9-12	0.5	eDyn
Forensic Science II: More Secrets of the Dead*	9-12	0.5	eDyn
Introduction to Health Sciences	9-12	0.5	EDG
Psychology	9-12	0.5	ODY/EDG
Sociology I	9-12	0.5	EDG
Sociology II	9-12	0.5	EDG
Social Problems I: A World in Crisis* (Recommended STEM	9-12	0.5	eDyn
Elective)			
Social Problems II: Crisis, Conflicts, and	9-12	0.5	eDyn
Challenges(Recommended STEM Elective)			
World Religions 1a: Exploring Diversity *	9-12	0.5	eDyn
World Religions 1b: Exploring Diversity*	9-12	0.5	eDyn

#### High School Career Ready Electives

Name	Grade	Credit	Vendor
Accounting	9 - 12	0.5	ACC. Ed
Art Careers	9 - 12	0.5	ACC. Ed
Basic Web Design	9 - 12	0.5	ACC. Ed
Business Law	9 - 12	0.5	ACC. Ed
Career Planning	9 - 12	0.5	ACC. Ed
Computer Basics	9 - 12	0.5	ACC. Ed
Digital Photography	9 - 12	0.5	ACC. Ed
Film and Television	9 - 12	0.5	ACC. Ed
Personal and Family Finance	9 - 12	0.5	eDyn
Graphic Design	9 - 12	0.5	ACC. Ed
Health Careers	9 - 12	0.5	ACC. Ed
Intro to Business	9 - 12	0.5	ACC. Ed
Intro to Java Programming	9 - 12	0.5	ACC. Ed

Intro to Nursing	9 - 12	0.5	ACC. Ed
Java Script	9 - 12	0.5	ACC. Ed
Journalism 1a: Introduction *	9 - 12	0.5	eDyn
Journalism 1b: Investigating the Truth *	9 - 12	0.5	eDyn
Media and Communication	9 - 12	0.5	ACC. Ed
Medicine	9 - 12	0.5	ACC. Ed
Photo Journalism	9 - 12	0.5	ACC. Ed
Law & Order: Intro to Legal Studies*	9 - 12	0.5	eDyn
Principles of Public Service 1a: Introduction *	9 - 12	0.5	eDyn
Principles of Public Service 1b: To Serve and Protect*	9 - 12	0.5	eDyn

#### **World Languages**

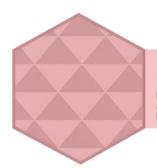
Name	Grade	Credit	Vendor
Spanish I-III	9 – 12	1.0	ACC. ED/ODY
French I-III	9 – 12	1.0	ACC. ED
German I-II- ACC. ED/ EDG	9 – 12	1.0	ACC. ED/ EDG

#### AP Courses

Name	Grade	Credit	Vendor
AP Biology	9 - 12	1.0	ACC.
			ED/Edmentum
AP Calculus AB	9 - 12	1.0	ACC. ED
AP Calculus BC	9 - 12	1.0	ACC. ED
AP Chemistry ***	9 - 12	1.0	ACC.
			ED/Edmentum
AP Computer Science	9 - 12	1.0	Edmentum
AP English Language & Composition	9 - 12	1.0	ACC. ED
AP English Literature & Composition	9 - 12	1.0	Edmentum
AP Environmental Science	9 - 12	1.0	EDG
AP European History	9 - 12	1.0	ACC. ED
AP Language & Culture: French or Spanish	9 - 12	1.0	ACC. ED
AP Physics	9 - 12	1.0	ACC. ED
AP Psychology	9 - 12	0.5	EDG
AP U.S. Government & Politics	9 - 12	1.0	ACC. ED
AP U.S. History	9 - 12	1.0	ACC.
			ED/Edmentum
AP World History	9 - 12	1.0	ACC. ED

(\* Artifacts available)

(\*\*Courses include Honors and College Prep Courses)



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Name	Grade	Credit	Vendor
English I (Composition)*	9-12	1.0	ODY/EDG
English II (English Literature)*	9-12	1.0	ODY/EDG
English III (American Literature)*	9-12	1.0	ODY/EDG
English IV (British & World Literature)*	9-12	1.0	ODY/EDG
American History I*	9-12	1.0	ODY/EDG
American History II*	9-12	1.0	ODY/EDG
World History*	9-12	1.0	ODY/EDG
Economics*	9-12	0.5	ODY/EDG
U.S. Government*	9-12	0.5	ODY/EDG
U.S. Government and Economics	9-12	1.0	ODY/EDG
Algebra I*	9-12	1.0	ODY/EDG
Algebra II*	9-12	1.0	ODY/EDG
Geometry*	9-12	1.0	ODY/EDG
Pre-Calculus*	9-12	1.0	ODY/EDG
Probability and Statistics	9-12	1.0	EDG
Trigonometry	9-12	1.0	ODY/EDG
Biology*	9-12	1.0	ODY/EDG
Chemistry*	9-12	1.0	ODY/EDG
Earth and Space Science*	9-12	1.0	ODY/EDG
Environmental Science	9-12	1.0	ODY/EDG
Physical Science	9-12	1.0	ODY/EDG
Physics	9-12	1.0	ODY/EDG
Spanish I - IV	9-12	1.0	ODY/EDG

\*Courses include Honors and College Prep Levels

ACC. ED- Accelerate Education
BVA- Brandywine Virtual Academy

EDG- Edgenuity
FUEL ED- FuelED