

# Omak School District Washington Virtual Academies High School



## COURSE CATALOG 2018/2019 School Year



**WASHINGTON**  
VIRTUAL ACADEMIES™

POWERED BY K12  
A PROGRAM OF OMAK SCHOOL DISTRICT



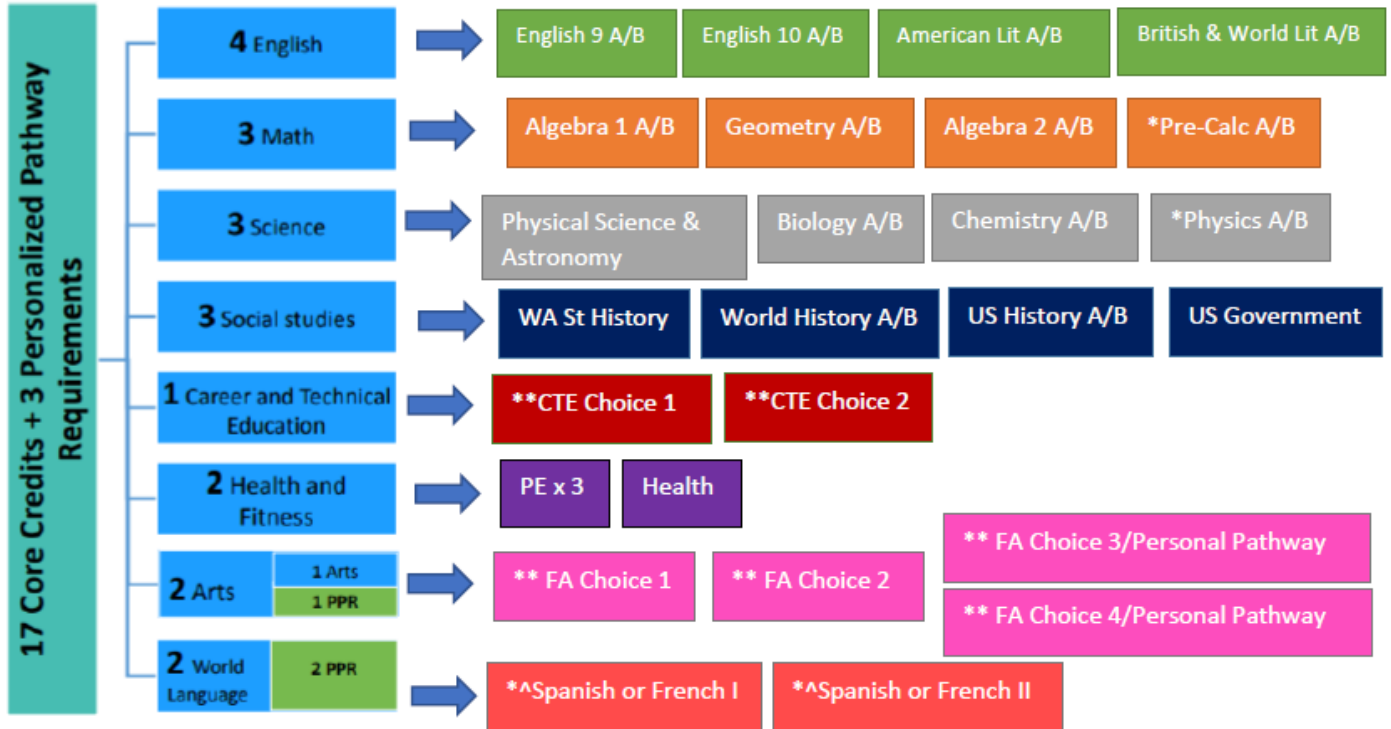
# WAVA HS Omak Graduation Reference Document - Class of 2019 and Beyond

(Graduation requirements, State Assessment requirements, Course Progression)

Subject Area	WAVA HS Omak	Recommended for 4-year College Bound
English/Language Arts	4.0 credits	
Math	3.0 credits	3 credits through Algebra II or higher
Science (includes 2.0 Lab Science)	3.0 credits	
History/Social Studies (WA State or Geography .5, World History 1.0, US History 1.0, US Government .5)	3.0 credits	
Career & Technical Education	1.0 credit	
Health	.5 credit	
Physical Education	1.5 credits	
Fine Arts	1.0 credit 1.0 credit *PPR	2.0 Fine, Visual or Performing Arts
Electives	2.0 credits	
World Language or *Personalized Pathway Requirement	2.0 credits	2.0 of same World Language
Statewide Assessments (Reading .5, Writing .5, Math .5) Note: Class of 2021 and beyond (ELA .5, Math .5, Science .5)	1.5 credits	
HS & Beyond Plan	.5 credits	
<b>Total Credits</b>	<b>24.0</b>	

# Class of 2019 and Beyond Graduation Requirements – 4-year College Bound

## 4-Year College Bound Students



\* The WAVA graduation requirement is 24 credits (breakdown of credits can be found on page 2). However, it is highly recommended that students planning on attending a competitive 4-year college keep a full schedule of courses throughout their high school career meaning they can earn a total of 26 credits, instead of 24.

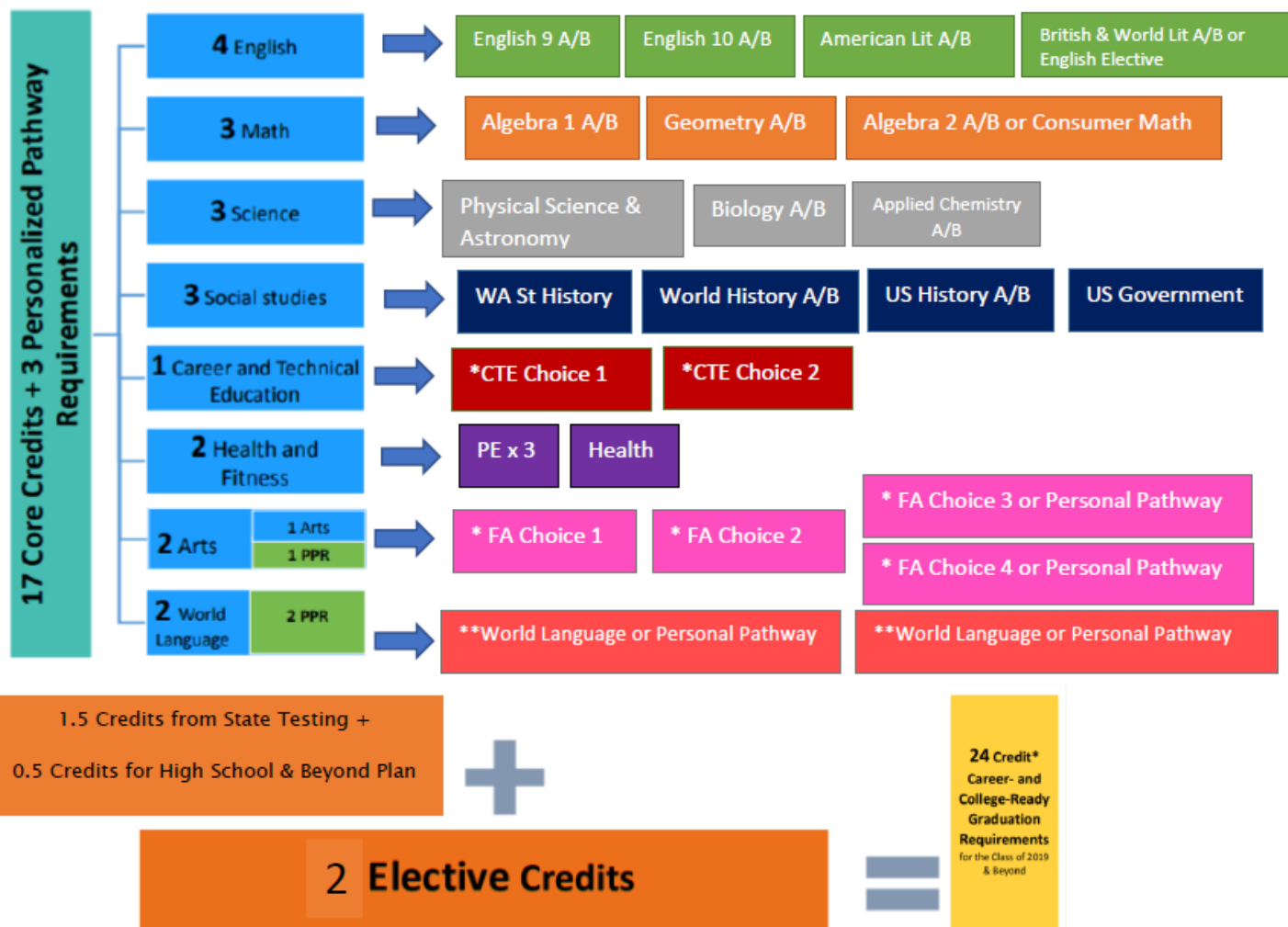
-It is also highly recommended that all 4-Year College Bound Students take a fourth year of math and science. These courses also count towards the required elective credits.

\*\* CTE and Fine Arts Courses are listed in the course catalog

\*^ World Language should be two years of the same language (Spanish I&II or French I&II)

# Class of 2019 and Beyond Graduation Requirements

## Community/Technical College, Military, and Workforce Bound Students



\* CTE and Fine Arts Courses are listed in the course catalog

\*\* World Language should be two years of the same language (Spanish I&II or French I&II)

- The WAVA graduation requirement is 24 credits (breakdown of credits can be found above). However, it is highly recommended that all students keep a full schedule of courses throughout their high school career meaning they can earn a total of 26 credits, instead of 24.

# Assessment Requirements

Tests Required for Graduation		
Class of	Subject	Test
2018	ELA	<b>Choose 1:</b> Smarter Balanced ELA test (exit exam score)** WA-AIM (exit exam score)**
	Math	<b>Choose 1:</b> Algebra 1/Integrated Math 1 EOC exam Geometry/Integrated Math 2 EOC exam Smarter Balanced math test (exit exam score)** WA-AIM (exit exam score)**
2019 & 2020	ELA	<b>Choose 1:</b> Smarter Balanced ELA test (exit exam score)** WA-AIM (exit exam score)**
	Math	<b>Choose 1:</b> Smarter Balanced math test (exit exam score)** WA-AIM (exit exam score)**
2021	ELA	<b>Choose 1:</b> Smarter Balanced ELA test (exit exam score)** WA-AIM (exit exam score)**
	Math	<b>Choose 1:</b> Smarter Balanced Math test (exit exam score)** WA-AIM (exit exam score)**
	Science	<b>Choose 1:</b> WCAS WA-AIM (exit exam score)**

# Course Progression

## Course Progression

Regular or Honors level courses may be taken to complete these requirements. Please make sure to read notes in parentheses for information related to 4-year College Bound requirements versus basic graduation requirements.

### ENGLISH (4.0 credits required):

English 9 >> English 10 >> American Literature >> British & World Literature

#### Notes:

- Two semesters or one full year of English Elective may complete the final 1.0 requirement (for students who are not College Bound)
- A full year of British & World Literature is recommended for 4-year College Bound students

### SCIENCE Class of 2019 & Beyond 3.0 Credits/2 Lab required:

Physical Science/Astronomy >> Biology >> Chemistry

#### Notes:

- Chemistry is required to meet four-year College admission
- Physics is recommended for highly competitive College admission
- Environmental Science, Forensic Science, Astronomy, will meet .5 credit Science lab

### MATH (3.0 credits required): Choose ONE path below to complete requirement:

- Algebra 1 >> Geometry >> Algebra II >> Pre-Calc/Trig
- Algebra I >> Geometry >> Algebra II >> Pre-Calc/Trig-AP Calculus (for highly competitive College admission)
- Developmental Algebra >> Continuing Algebra >> Geometry >> Algebra II (if College Bound)
- Developmental Algebra >> Continuing Algebra >> Geometry >> Consumer Math (if not College Bound)

### HISTORY (3 credits required):

WA State History (.5\*) or Geography and World Cultures (.5) >> Modern World Studies (1.0) >> US History (1.0) >> US Government (.5)

\*If WA State History was successfully passed in Middle School, student will be enrolled in one semester of Geography & World Cultures in the 9<sup>th</sup> grade to meet the history credit requirement

## Typical Schedule per Grade Level

Default Courses for 9 <sup>th</sup> Grade Students	
Semester One	Semester Two
ENG108 English 9 or ENG208 English 10	ENG108 English 9 or ENG208 English 10
MTH128 Algebra I or MTH208 Geometry	MTH128 Algebra I or MTH208 Geometry
SCI102 Physical Science	OTH032 Astronomy
OTH020 Physical Education	OTH020 Physical Education
WAH100 WA State History (if not completed) or HST213 Geography and World Cultures	HST213 Geography & World Cultures or <b>ELECTIVE</b>
TCH010 Computer Literacy	<b>ELECTIVE</b>
Default Courses for 10 <sup>th</sup> Grade Students	
Semester One	Semester Two
ENG208 English 10 or ENG303 American Literature	ENG208 English 10 or ENG303 American Literature
MTH207 Continuing Algebra, MTH208 Geometry, or MTH303 Algebra II	MTH207 Continuing Algebra, MTH208 Geometry, or MTH303 Algebra II
SCI203 Biology	SCI203 Biology
HST203 Modern World Studies or HST303 US History	HST203 Modern World Studies or HST303 US History
OTH020 Physical Education or OTH010 Skills for Health	OTH020 Physical Education or OTH010 Skills for Health
<b>ELECTIVE</b>	<b>ELECTIVE</b>
Default Courses for 4-year College Bound 11 <sup>th</sup> Grade Students	
Semester One	Semester Two
ENG303 American Literature or ENG304 Honors American Literature	ENG303 American Literature or ENG304 Honors American Literature
MTH308 Algebra II or MTH309 Honors Algebra II or MTH403 Pre-Calculus/Trigonometry	MTH308 Algebra II or MTH309 Honors Algebra II or MTH403 Pre-Calculus/Trigonometry
HST303 US History or HST304 Honors US History	HST303 US History or HST304 Honors US History
SCI303 Pre-College Chemistry or SCI304 Honors Pre-College Chemistry	SCI303 Pre-College Chemistry or SCI304 Honors Pre-College Chemistry
<b>ELECTIVE</b>	<b>ELECTIVE</b>
<b>ELECTIVE</b>	<b>ELECTIVE</b>
Default Courses for Non College Bound 11 <sup>th</sup> Grade Students	
Semester One	Semester Two
ENG303 American Literature or ENG304 Honors American Literature	ENG303 American Literature or ENG304 Honors American Literature
MTH207 Continuing Algebra or MTH208 Geometry or MTH322 Consumer Math	MTH207 Continuing Algebra or MTH208 Geometry or MTH322 Consumer Math
HST303 US History	HST303 US History
SCI306 Applied Chemistry	SCI306 Applied Chemistry
<b>ELECTIVE</b>	<b>ELECTIVE</b>
<b>ELECTIVE</b>	<b>ELECTIVE</b>

## Typical Schedule per Grade Level (Continued)

<b>Default Courses for 4-year College Bound 12<sup>th</sup> Grade Students</b>	
<b>Semester One</b>	<b>Semester Two</b>
ENG403 British & World Lit or ENG404 Honors British and World Lit	ENG403 British & World Lit or ENG404 Honors British and World Lit
MTH403 Pre-Calculus/Trigonometry or MTH500 Calculus AP	MTH403 Pre-Calculus/Trigonometry or MTH500 Calculus AP
HST403 US Government & Politics	HST020 Psychology
SCI403 Physics	SCI403 Physics
<b>ELECTIVE</b>	<b>ELECTIVE</b>
<b>ELECTIVE</b>	<b>ELECTIVE</b>
<b>Default Courses for Non College Bound 12<sup>th</sup> Grade Students</b>	
<b>Semester One</b>	<b>Semester Two</b>
ENG030 Creative Writing or OTH036 Gothic Literature or ENG020 Public Speaking	ENG030 Creative Writing or ENG020 Public Speaking or ENG010 Journalism
MTH207 Continuing Algebra or MTH208 Geometry or MTH322 Consumer Math	MTH207 Continuing Algebra or MTH208 Geometry or MTH322 Consumer Math
HST403 US Government & Politics	<b>ELECTIVE</b>
<b>ELECTIVE</b>	<b>ELECTIVE</b>
<b>ELECTIVE</b>	<b>ELECTIVE</b>
<b>ELECTIVE</b>	<b>ELECTIVE</b>



# WAVA Omak Offerings for 2018/2019

**\*Please Check the Curriculum Guide for prerequisite requirements**

Note: Elective offerings may change due to enrollment and staffing

*Note: All courses are offered first and second semester with the exception of the courses highlighted in yellow. These will only be offered the semester they are listed.	
Fall Semester 2018	Spring Semester 2019
<b>ART &amp; BUSINESS</b>	
ART010A: Fine Art [Fine Arts, Elective]	ART010B: Fine Art [Fine Arts, Elective]
ART020B: Music Appreciation (Introduction) [Fine Arts, Elective]	ART020B: Music Appreciation (Introduction) [Fine Arts, Elective]
	<b>ART020A: Music Appreciation (Continuation)</b> (10 <sup>th</sup> to 12 <sup>th</sup> grade) [Fine Arts, Elective]
BUS030: Personal Finance (12 <sup>th</sup> grade only) [CTE, Math, Elective]	BUS030: Personal Finance (12 <sup>th</sup> grade only) [CTE, Math, Elective]
BUS040: Intro to Entrepreneurship I (11 <sup>th</sup> or 12 <sup>th</sup> grade) [CTE, Elective]	BUS050: Intro to Entrepreneurship II (11 <sup>th</sup> or 12 <sup>th</sup> grade) [CTE, Elective]
CS Performance Studio I (Counselor Placement Only) [Fine Arts]	CS Performance Studio I (Counselor Placement Only) [Fine Arts]
<b>ENGLISH</b>	
ENG108A: English 9	ENG108B: English 9
ENG109A: Honors English 9	ENG109B: Honors English 9
ENG208A: English 10	ENG208B: English 10
ENG209A: Honors English 10	ENG209B: Honors English 10
ENG303A: American Literature	ENG303B: American Literature
ENG304A: Honors American Literature	ENG304B: Honors American Literature
ENG403A: British & World Literature	ENG403B: British & World Literature
ENG404A: Honors British & World Literature	ENG404B: Honors British & World Literature
<b>OTH036: Gothic Literature</b> [Elective]	<b>ENG010: Journalism</b> [Elective] (11 <sup>th</sup> or 12 <sup>th</sup> grade only OR grade of B or higher in ENG208: English 10)
ENG020: Public Speaking	ENG020: Public Speaking
ENG030A: Creative Writing (11 <sup>th</sup> or 12 <sup>th</sup> grade only)	ENG030B: Creative Writing (11 <sup>th</sup> or 12 <sup>th</sup> grade only)
<b>HISTORY</b>	
WAH100: Washington State History	WAH100: Washington State History
HST020: Psychology [Elective]	HST020: Psychology [Elective]
HST213A: Geography & World Cultures [Elective]	HST213B: Geography & World Cultures [Elective]
HST203A: Modern World Studies	HST203B: Modern World Studies
HST204A: Honors Modern World Studies	HST204B: Honors Modern World Studies
HST303A: US History	HST303B: US History
HST304A: Honors US History	HST304B: Honors US History
HST403: US Government & Politics	HST403: US Government & Politics
<b>MATH</b>	
MTH107A: Developmental Algebra	MTH107B: Developmental Algebra
MTH207A: Continuing Algebra	MTH207B: Continuing Algebra
MTH128A: Algebra I	MTH128B: Algebra I
MTH129A: Honors Algebra I	MTH129B: Honors Algebra I
MTH208A: Geometry	MTH208B: Geometry
MTH209A: Honors Geometry	MTH209B: Honors Geometry
MTH308A: Algebra II	MTH308B: Algebra II
MTH309A: Honors Algebra II	MTH309B: Honors Algebra II
MTH322A: Consumer Math	MTH322B: Consumer Math
MTH403A: Pre-Calculus/Trigonometry	MTH403B: Pre-Calculus/Trigonometry
MTH500A: AP Calculus	MTH500B: AP Calculus

Fall Semester 2018	Spring Semester 2019
<b>SCIENCE</b>	
SCI102A: Physical Science	OTH032: Astronomy [Elective, Science]
SCI203A: Biology	SCI203B: Biology
SCI204A: Honors Biology	SCI204B: Honors Biology
SCI303A: Pre-College Chemistry	SCI303B: Pre-College Chemistry
SCI304A: Honors Pre-College Chemistry	SCI304B: Honors Pre-College Chemistry
SCI306A: Applied Chemistry	SCI306B: Applied Chemistry
SCI403A: Physics	SCI403B: Physics
SCI010: Environmental Science (11 <sup>th</sup> & 12 <sup>th</sup> grade only)	SCI030: Forensic Science (11 <sup>th</sup> & 12 <sup>th</sup> grade only)
TCH027: Green Design & Technology [CTE, Elective, Science]	TCH027: Green Design & Technology [CTE, Elective, Science]
<b>ELECTIVES &amp; PE</b>	
OTH010: Skills for Health	OTH010: Skills for Health
OTH020A: Physical Education	OTH020B: Physical Education
OTH020C: Advanced Physical Education	OTH020D: Advanced Physical Education
OTH092: Introduction to Health Science [Elective]	OTH035: Early Childhood Education [Elective]
OTH060: Family & Consumer Science [Elective]	OTH060: Family & Consumer Science [Elective]
PRJ010: Service Learning Leadership [Elective]	PRJ010: Service Learning Leadership [Elective]
OTH037: Hospitality and Tourism [Elective]	OTH018: DYN: Fashion and Interior Design [Fine Arts, Elective]
	OTH050: Achieving Your Career & College Goals [CTE, Elective]
SCI321:CEN Anatomy and Physiology 1 [Elective]	SCI322:CEN Anatomy and Physiology 2 [Elective]
<b>TECHNOLOGY</b>	
TCH010: Computer Literacy [CTE, Elective]	TCH010: Computer Literacy [CTE, Elective]
TCH017: 3D Art – Modeling [CTE, Fine Arts, Elective]	TCH018: 3D Art – Animation [CTE, Fine Arts, Elective]
TCH027: Green Design & Technology [CTE, Elective, Science]	TCH027: Green Design & Technology [CTE, Elective, Science]
TCH028: Digital Arts I [CTE, Fine Arts, Elective]	TCH029: Digital Arts II [CTE, Fine Arts, Elective]
TCH030: Image Design and Editing [CTE, Fine Arts, Elective]	TCH030: Image Design and Editing [CTE, Fine Arts, Elective]
TCH036: Computer Science [CTE, Fine Arts, Elective]	TCH036: Computer Science [CTE, Fine Arts, Elective]
	TCH038 Engineering Design [CTE, Elective]
TCH040: Web Design [CTE, Fine Arts, Elective]	TCH040: Web Design [CTE, Fine Arts, Elective]
	TCH060: C++ Programming [CTE, Elective]
TCH071-DYN: Game Design [CTE, Elective]	TCH071-DYN: Game Design [CTE, Elective]
TCH101: Digital Photography [Fine Arts, Elective]	TCH101: Digital Photography [Fine Arts, Elective]
<b>FOREIGN LANGUAGE</b>	
WLG100A: Spanish I	WLG100B: Spanish I
WLG200A: Spanish II	WLG200B: Spanish II
WLG300A: Spanish III	WLG300B: Spanish III
WLG110A: French I	WLG110B: French I
WLG210A: French II	WLG210B: French II
WLG310A: French III	WLG310B: French III
WLG410A: French IV	WLG410B: French IV
<b>ADDITIONAL COURSES</b>	
ENG001A: English Foundations I	ENG001A: English Foundations I
ENG011A: English Foundations II	ENG011A: English Foundations II
MTH001A: Math Foundations I	MTH001A: Math Foundations I
MTH011A: Math Foundations II	MTH011A: Math Foundations II
MTH113A: Pre-Algebra	MTH113B: Pre-Algebra
CS Essential Skills (Study Skills) [Elective]	CS Essential Skills (Study Skills) [Elective]

# WAVA Omak High School 2018-2019 Course Descriptions

## ART AND BUSINESS

### **ART010: Fine Art**

This course guides students through the history of art from ancient times to the present. Students will engage with art history through reading, writing, research, and small art-making assignments. Focus will be placed on the elements and principles of art which students will use to effectively communicate their ideas and their observations of the visual world.

**Course length:** Two Semesters

**Materials:** One package of white clay; one set of acrylic paint; one set of round paintbrushes; no other materials provided. Students must have some way to capture an image of their projects (camera/scanner/etc...).

**Prerequisites:** None

### **ART020B: Music Appreciation I (Introduction)**

If you like music and you need a Fine Arts credit or electives credit, this course is for you! You don't need to read music or play an instrument to take the course. The course presents modern traditions, including gospel, folk, soul, blues, Latin rhythms, rock and roll, and hip hop. The course explores the relationship between music and social movements and reveals how the emergent global society and the prominence of the Internet are making musical forms more accessible worldwide.

**Course length:** One Semester (Fine Arts credit/elective)

**Materials:** None

**Prerequisites:** None

### **ART020A: Music Appreciation II (Continuation) (10<sup>th</sup>, 11<sup>th</sup>, or 12<sup>th</sup> grade only)**

This course is for students who want to look at the early history of music (before the 20th century) and explore writing music notation. If you already took ART020B and would like to go deeper into music history and music theory, this is the class for you! If you haven't yet taken ART020B, you can still take this one if it looks interesting to you. This course introduces students to the history, theory, and early genres of music. This semester covers early musical forms and classical music. We also work on beginning music theory (reading and writing music) using music writing software.

**Course length:** One Semester (Fine Arts credit/elective)

**Materials:** *Finale Notepad* music notation software (provided by the school)

**Prerequisites:** Two years' prior music experience or permission of teacher

### **BUS030: Personal Finance (12<sup>th</sup> grade only)**

In this introductory finance course, students learn basic principles of economics and best practices for managing their own finances. Students learn core skills in creating budgets, developing long-term financial plans to meet their goals, and making responsible choices about income and expenses. They gain a deeper understanding of capitalism and other systems so they can better understand their role in the economy of society. Students are inspired by experiences of finance professionals and stories of everyday people and the choices they make to manage their money.

**Course Length:** One Semester

**Materials:** None

**Prerequisites:** None

### **BUS040: Introduction to Entrepreneurship I (11<sup>th</sup> & 12<sup>th</sup> grade only)**

In this introductory business course, students will learn the basics of planning and launching their own successful business. Whether they want to start their own money-making business or create a non-profit to help others, this course will help students develop the core skills they will need to be successful. They will learn how to come up with new business ideas, attract investors, market their business, and manage expenses. Students will get inspired by stories of teen entrepreneurs who have turned their ideas into reality, and then they will plan and execute their own business.

**Course length:** One Semester

**Materials:** *Google Docs* (free web service)

**Prerequisites:** None



### ***BUS050: Introduction to Entrepreneurship II (11<sup>th</sup> & 12<sup>th</sup> grade only)***

Students build on the business concepts they learned in Introduction to Entrepreneurship I. They learn about sales methods, financing and credit, accounting, pricing, and government regulations. They refine their technology and communication skills in speaking, writing, networking, negotiating, and listening. They enhance their employability skills by preparing job-related documents, developing interviewing skills, and learning about hiring, firing, and managing employees. Students develop a complete business plan and a presentation for potential investors.

**Course Length:** One Semester

**Materials:** None

**Prerequisites:** BUS040: Introduction to Entrepreneurship I

### ***CS: Performance Studio***

If you practice a performance art for more than 5 hours per week under a trained instructor, and have live performances throughout the year, you may be able to earn Fine Arts credit. You must be approved by both teacher and counselor to be admitted to the Performance Studio course.

**Project Length:** Varies

**Materials:** None

**Prerequisites:** MUST HAVE PRIOR APPROVAL BY ADMINISTRATION

## **ENGLISH**

### ***ENG108: English 9***

K12's English 9 course is an integrated course designed to align to state standards while engaging and motivating students. The course includes instruction about reading, writing, speaking and listening, and language with a focus on exploring a wide variety of genres and their elements. Students learn how to carefully read, interpret, and analyze literature and nonfiction works of cultural or historical significance appropriate to Grade 9. Throughout the course, students practice narrative, informative, and argument writing. Students also will develop and deliver presentations and participate in discussions with their peers. The English 9 course includes an online, searchable database of skills-based content that can be used for reference or to review of all the concepts taught in the course.

**Course length:** Two Semesters

**Materials:** *Summit Curriculum English 9–10: Explorations in Literature, The Way to Rainy Mountain, The Alchemist, A Midsummer Night's Dream*

**Prerequisites:** ENG08 Grade 8 Language Arts or equivalent

### ***ENG109: Honors English 9***

This course challenges students to improve their written and oral communication skills, while strengthening their ability to understand and analyze literature in a variety of genres. Students enrolled in this course work on independent projects that enhance their skills and challenge them to consider complex ideas and apply the knowledge they have learned. Literature: Students read a broad array of short stories, poetry, drama, novels, autobiographies, essays, and famous speeches. The course guides students in the close reading and critical analysis of classic works of literature and helps them appreciate the texts and the contexts in which the works were written. Literary selections range from the Greek tragedy *Antigone* to Shakespeare's *Romeo and Juliet* to contemporary pieces by authors such as Annie Dillard and Maya Angelou.

**Language Skills:** Students broaden their composition skills by examining model essays in various genres by student and published writers. Through in-depth planning, organizing, drafting, revising, proofreading, and feedback, they hone their writing skills. Students build on their grammar, usage, and mechanics skills with in-depth study of sentence analysis and structure, agreement, and punctuation, reinforced by online activities. Student vocabularies are enhanced through the study of Greek and Latin root words, improving students' ability to decipher the meanings of new words.

**Course length:** Two Semesters

**Materials:** *Classics for Young Readers, Volume 8; Classics for Young Readers, Volume 8: An Audio Companion; BK English Language Handbook, Level 1; Vocabulary from Classical Roots, Book C; The Narrative of the Life of Frederick Douglass, An American Slave, by Frederick Douglass; Anne Frank: Diary of a Young Girl, by Anne Frank; Romeo and Juliet, by William Shakespeare*

**Prerequisites:** Success in ENG08 Grade 8 Language Arts or equivalent. English teacher/school counselor recommendation required.

### **ENG208: English 10**

K12's English 10 course is an integrated course designed to align to state standards while engaging and motivating students. English 10 continues the study of reading, writing, speaking and listening, and language begun in English 9. Students continue to interpret and analyze increasingly complex works of literature and nonfiction appropriate for Grade 10. Throughout the course, students build upon and use writing skills to develop increasingly sophisticated narrative, informative, and argument writing. Students also will develop and deliver presentations and participate in discussions with their peers. The English 10 course includes an online, searchable database of skills-based content that can be used for reference or to review of all the concepts taught in the course

**Course Length:** Two Semesters

**Materials:** *Anthology*, *Cry, the Beloved Country*, *Night*, *Macbeth*

**Prerequisites:** English 9 or equivalent

### **ENG209: Honors English 10**

In this course, students build on existing literature and composition skills and move on to higher levels of sophistication. Students work on independent projects that enhance their skills and challenge them to consider complex ideas and apply the knowledge they have learned.

**Literature:** Students hone their skills of literary analysis by reading short stories, poetry, drama, novels, and works of nonfiction, both classic and modern. Authors include W. B. Yeats, Sara Teasdale, Langston Hughes, Robert Frost, Edgar Allan Poe, Nathaniel Hawthorne, Kate Chopin, Amy Tan, Richard Rodriguez, and William Shakespeare. Students have a choice of novels and longer works to study, including works by Jane Austen, Charles Dickens, and Elie Wiesel.

**Language Skills:** In this course, students become more proficient writers and readers. In composition lessons, students analyze model essays from readers' and writers' perspectives, focusing on ideas and content, structure and organization, style, word choice, and tone. Students receive feedback during the writing process to help them work toward a polished final draft. Students expand their knowledge of grammar, usage, and mechanics through sentence analysis and structure, syntax, agreement, and conventions. Unit pretests identify skills to address more fully. Students strengthen their vocabularies through thematic units focused on word roots, suffixes and prefixes, context clues, and other important vocabulary-building strategies.

**Course length:** Two Semesters

**Materials:** *Journeys in Literature: Classic and Modern, Volume B*; *Journeys in Literature: Classic and Modern, Volume B: An Audio Companion*; *Vocabulary for Achievement, Fourth Course*

**Prerequisites:** Success in English 9 or equivalent, and teacher/school counselor recommendation required.

### **ENG303: American Literature**

In this course, students read and analyze works of American literature from Colonial to contemporary times, including poetry, short stories, novels, drama, and nonfiction. The literary works provide opportunities for critical writing, creative projects, and online discussions. Students develop vocabulary skills and refresh their knowledge of grammar, usage, and mechanics in preparation for standardized tests.

**Course length:** Two semesters

**Materials:** *Journeys in Literature: American Traditions, Volume C*; *The Great Gatsby*, by F. Scott Fitzgerald; *The Glass Menagerie* by Tennessee Williams. Students will also read one selection of their choice from the following: *The Old Man and the Sea*, by Ernest Hemingway; *The House on Mango Street*, by Sandra Cisneros; *A Lesson Before Dying*, by Ernest Gaines; *The Red Badge of Courage*, by Stephen Crane

**Prerequisites:** English 10 or equivalent

### **ENG304: Honors American Literature**

In this course, students read and analyze works of American literature from Colonial to contemporary times, including poetry, short stories, novels, drama, and nonfiction. The literary works provide opportunities for critical writing, creative projects, and online discussions. Students develop vocabulary skills and refresh their knowledge of grammar, usage, and mechanics in preparation for standardized tests. Students enrolled in this challenging course will also complete independent projects that deepen their understanding of the themes and ideas presented in the curriculum.

**Course length:** Two Semesters

**Materials:** *Journeys in Literature: American Traditions, Volume C*; *The Great Gatsby*, by F. Scott Fitzgerald; *The Glass Menagerie*, by Tennessee Williams. Students will also read one selection of their choice from the following: *The Old Man and the Sea*, by Ernest Hemingway; *The House on Mango Street* by Sandra Cisneros; *A Lesson Before Dying*, by Ernest Gaines; *The Red Badge of Courage*, by Stephen Crane; and two selections of their choice from the following: *Billy Budd*, by Herman Melville, *A Connecticut Yankee in King Arthur's Court*, by Mark Twain; *Catcher in the Rye*, by J.D. Salinger; *Song of Solomon*, by Toni Morrison

**Prerequisites:** Success in English 10 or equivalent, and teacher/school counselor recommendation required.

### **ENG403: British and World Literature**

Students read selections from British and World literature in a loosely organized chronological framework. They analyze the themes, styles, and structures of these texts and make thematic connections among diverse authors, periods, and settings. Students complete guided and independent writing assignments that refine their analytical skills. They have opportunities for creative expression in projects of their choosing. Students also practice test-taking skills for standardized assessments in critical reading and writing.

**Course length:** Two Semesters

**Materials:** *Explorations: An Anthology of British and World Literature; Hamlet*

**Prerequisites:** ENG303: American Literature, or equivalent

### **ENG404: Honors British and World Literature**

Students read selections from British and World literature in a loosely organized chronological framework. They analyze the themes, styles, and structures of these texts and make thematic connections among diverse authors, periods, and settings. Students work independently on many of their analyses and engage in creative collaboration with their peers. Students also practice test-taking skills for standardized assessments in critical reading and writing.

**Course length:** Two Semesters

**Materials:** *Explorations: An Anthology of British and World Literature; Hamlet*

**Prerequisites:** ENG304: American Literature, or equivalent, and teacher/school counselor recommendation

### **ENG010: Journalism**

Students are introduced to the historical importance of journalism in America. They study the basic principles of print and online journalism as they examine the role of printed news media in our society. They learn investigative skills, responsible reporting, and journalistic writing techniques as they read, respond to, and write their own news and feature articles. Students conduct interviews, research, write, and design their own publications

**Course Length:** One Semester

**Materials:** None

**Prerequisites:** Successful completion of ENG208: English 10 or ENG209: Honors English 10 or concurrent enrollment in ENG209: Honors English 10

### **ENG020: Public Speaking**

Public Speaking is a high school course that focuses on effective public speaking techniques, including verbal and nonverbal communication skills.

The course will teach students: How to organize and present information in oral speeches and presentations. How to deliver their ideas in a clear, concise, audience-appropriate manner. How to incorporate appropriate visuals and other media into their oral presentations. The essential skill of listening to a speech critically and fairly, preparing them to become consumers of information and argument. Students will be required to: View and listen to speeches and deliver speeches.

**Course Length:** One Semester (repeatable for up to 1.0 credit)

**Course Materials:** Webcam and recording software

**Prerequisites:** ENG303 or ENG304: American Literature (May be taken concurrently)

### **ENG030: Creative Writing (11<sup>th</sup> & 12<sup>th</sup> grade only)**

Creative Writing focuses on the four-step Process Writing model and the reading of professional writings to motivate students to create original essays, poems and short stories. The writing assignments include narration, definition, process analysis, cause and effect and comparison/contrast. Students learn self-editing skills by following the instructor's detailed suggestions for the revision and refinement of their work.

**Course Length:** Two Semesters

**Course Materials:** None

**Prerequisites:** ENG303 or ENG304: American Literature (May be taken concurrently)

### **OTH036: Gothic Literature**

Since the eighteenth century, Gothic tales have influenced fiction writers and fascinated readers. This course focuses on the major themes found in Gothic literature and demonstrates how the core writing drivers produce a suspenseful environment for readers. It presents some of the recurring themes and elements found in the genre. As they complete the course, students gain an understanding of and an appreciation for the complex nature of Gothic literature.

**Course Length:** One Semester

**Materials (Not supplied):** *Dracula, Frankenstein, The Strange Case of Dr. Jekyll and Mr. Hyde*, a variety of short stories and poems with Gothic elements

**Prerequisites:** None

# HISTORY

## ***WAH100 Washington State History***

In this course, students will study the history of the state of Washington with a focus on its earliest inhabitants, development, environment, people, economics & government in an effort to understand the Pacific Northwest. Students will study these major areas in an effort to understand the complex background of Washington with the goal of having a sound foundation upon which to formulate opinions concerning what is happening now in our state. The course is organized chronologically with the below Unit titles. Students complete discussions, projects, and multiple-choice assessments to demonstrate their learning. The units of study include: The State Called Washington, Native Cultures, The Early Explorers & Frontiersman, Settlers & Settlement, Towards Statehood, Years of Growth, From War to War, The Maturing State, The Economy, The People of Washington, and Government.

**Course Length:** One Semester

**Materials:** *Washington State*, by Charles P. LeWarne, 3rd Ed.

**Prerequisites:** None

## ***HST020-AVT: Psychology***

In this course, students investigate why human beings think and act the way they do. This is an introductory course that broadly covers several areas of psychology. Instructional material presents theories and current research for students to critically evaluate and understand. Each unit introduces terminology, theories, and research that are critical to the understanding of psychology and includes tutorials and interactive exercises. Students learn how to define and use key terms of psychology and how to apply psychological principles to their own lives. Unit topics in this one-semester course include methods of study, biological basis for behavior, learning and memory, development and individual differences, and psychological disorders.

**Course Length:** One Semester

**Materials:** None

**Prerequisites:** None

## ***HST213: Geography and World Cultures***

This one-semester course uses geographic features to explore how human relationships, political and social structures, economics, science, technology, and the arts have developed and influenced life in countries around the world. Throughout the course, students learn how to read maps, charts, and graphs rigorously and critically—and how to create them. Examining the intersection of culture and geography, students discover how a mountain in the distance can inspire national policymakers, civil engineers, or poets; how a river triggers the activity of bridge builders, shipbuilders, and merchants alike; and how the sound of a busy Cairo street can inspire sociologists and musicians. Students come to understand how the drama of human history and cultural encounters— affecting land, natural resources, religious dominance, and more—is played out on the geographical stage

**Course length:** Two Semesters (students may choose to enroll in one semester of this course)

**Materials:** None

**Prerequisites:** None

## ***HST203: Modern World Studies***

In this comprehensive course, students follow the history of the world from approximately 1870 to the present. They begin with a study of events leading up to 1914, including the Second Industrial Revolution and the imperialism that accompanied it. Their focus then shifts to the contemporary era, including two world wars, the Great Depression, and global Cold War tensions. Students examine both the staggering problems and astounding accomplishments of the twentieth century, with a focus on political and social history. Students also explore topics in physical and human geography, and investigate issues of concern in the contemporary world. Online lessons help students organize study, explore topics, review in preparation for assessments, and practice sophisticated skills of historical thinking and analysis. Activities include analyzing primary sources and maps, creating timelines, completing projects and written assignments, and conducting independent research.

**Course length:** Two Semesters

**Materials:** *The Human Odyssey, Volume 3*

**Prerequisites:** HST103: World History, K12 Middle School Intermediate World History A and B, or equivalent

### ***HST204: Honors Modern World Studies***

In this advanced course, students investigate the history of the world from approximately 1870 to the present. They begin with an analysis of events leading up to 1914, including the Second Industrial Revolution and the imperialism that accompanied it. Their focus then shifts to the contemporary era, including two world wars, the Great Depression, and global Cold War tensions. Students undertake an in-depth examination of both the staggering problems and astounding accomplishments of the twentieth century, with a focus on political and social history. Students also explore advanced topics in physical and human geography, and investigate issues of concern in the contemporary world. Activities include analyzing primary sources and maps, creating timelines, completing projects and written assignments, and conducting research. Students complete independent projects each semester.

**Course length:** Two Semesters

**Materials:** *The Human Odyssey, Volume 3*

**Prerequisites:** HST103: World History, K12 Middle School Intermediate World History A and B, or equivalent, success in previous social studies course, and a teacher/school counselor recommendation required.

### ***HST303: U.S. History***

This course is a full-year survey that provides students with a comprehensive view of American history from the first migrations of nomadic people to North America to recent events. Readings are drawn from K12's *The American Odyssey: A History of the United States*. Online lessons help students organize their study, explore topics in depth, review in preparation for assessments, and practice skills of historical thinking and analysis. Activities include analyzing primary sources and maps, creating time lines, completing projects and written assignments, and conducting independent research.

**Course length:** Two Semesters

**Materials:** *The American Odyssey: A History of the United States*

**Prerequisites:** HST203: Modern World Studies

### ***HST304: Honors U.S. History***

This course is a challenging full-year survey that provides students with a comprehensive view of American history from the first migrations of nomadic people to North America to recent events. Readings are drawn from K12's *The American Odyssey: A History of the United States*. Online lessons help students organize their study, explore topics in depth, review in preparation for assessments, and practice advanced skills of historical thinking and analysis. Activities include analyzing primary sources and maps, creating timelines, completing projects and written assignments, and conducting independent research. Students complete independent projects each semester.

**Course length:** Two Semesters

**Materials:** *The American Odyssey: A History of the United States*

**Prerequisites:** HST103: World History or HST203: Modern World Studies, success in previous history course, and a teacher/school counselor recommendation required

### ***HST403: U.S. Government and Politics (12<sup>th</sup> grade only)***

This course studies the history, organization, and functions of the United States government. Beginning with the Declaration of Independence and continuing through to the present day, students explore the relationship between individual Americans and our governing bodies. Students take a close look at the political culture of our country and gain insight into the challenges faced by citizens, elected government officials, political activists, and others. Students also learn about the roles of political parties, interest groups, the media, and the Supreme Court, and discuss their own views on current political issues.

**Course length:** One Semester

**Materials:** None

**Prerequisites:** HST303: U.S. History



# MATH

## ***MTH107: Developmental Algebra***

This is the first course in a two-year algebra sequence that concludes with Continuing Algebra. In this course, students begin to explore the tools and principles of algebra. Students learn to identify the structure and properties of the real number system; complete operations with integers and other rational numbers; work with square roots and irrational numbers; graph linear equations; solve linear equations and inequalities in one variable; and solve systems of linear equations. Sophisticated virtual manipulatives and online graphing tools help students visualize algebraic relationships. Developmental Algebra covers fewer topics than a one-year algebra course, providing students with more time to learn and practice key concepts and skills. After completing Developmental Algebra, students will be prepared to take Continuing Algebra.

**Course Length:** One Semester

**Materials:** *Algebra I: Reference Guide and Problem Sets*

**Prerequisites:** MTH113: Pre-Algebra (or equivalent)

## ***MTH207: Continuing Algebra***

This is the second course in a two-year algebra sequence. In this course, students build on what they learned in Developmental Algebra to complete their knowledge of all topics associated with a deep understanding of Algebra I. They learn about relations and functions, radicals and radical expressions, polynomials and their graphs, factoring expressions and using factoring to solve equations, solving quadratics, rational expressions, and logic and reasoning.

**Course Length:** Two Semesters

**Materials:** *Algebra I: Reference Guide and Problem Sets*

**Prerequisites:** MTH107: Developmental Algebra (or equivalent)

## ***MTH128: Algebra I***

K12's Algebra I course is designed to align to state standards while engaging and motivating students. The fundamental purpose of this course is to extend the mathematics that students learned in the middle grades. In some ways, this is a more ambitious version of Algebra I than before. The critical areas of study are linear and exponential relationships, applying linear models to data, and analyzing, solving, and using quadratic functions.

**Course Length:** Two Semesters

**Materials:** *Summit Curriculum Algebra 1 Reference Guide*

**Prerequisites:** K12 Pre-Algebra B, MTH113: Pre-Algebra, or equivalent

## ***MTH129: Honors Algebra I***

This course prepares students for more advanced courses while they develop algebraic fluency, learn the skills needed to solve equations, and perform manipulations with numbers, variables, equations, and inequalities. They also learn concepts central to the abstraction and generalization that algebra makes possible. Students learn to use number properties to simplify expressions or justify statements; describe sets with set notation and find the union and intersection of sets; simplify and evaluate expressions involving variables, fractions, exponents, and radicals; work with integers, rational numbers, and irrational numbers; and graph and solve equations, inequalities, and systems of equations. They learn to determine whether a relation is a function and how to describe its domain and range; use factoring, formulas, and other techniques to solve quadratic and other polynomial equations; formulate and evaluate valid mathematical arguments using various types of reasoning; translate word problems into mathematical equations and then use the equations to solve the original problems. The course is expanded with more challenging assessments, optional exercises, and threaded discussions that allow students to explore and connect algebraic concepts. There is also an independent honors project each semester.

**Course length:** Two Semesters

**Materials:** *Algebra I: Reference Guide and Problem Sets*

**Prerequisites:** Success in previous math course and teacher/school counselor recommendation required

## ***MTH208: Geometry***

K12's Geometry course is designed to align to state standards while engaging and motivating students. The course builds on the geometry covered in Middle School to explore more complex geometric situations and deepen students' ability to explain geometric relationships, moving towards formal mathematical arguments. Specific topics include similarity and congruence, analytic geometry, circles, the Pythagorean theorem, right triangle trigonometry, analysis of three-dimensional objects, conic sections, and geometric modeling.

**Course length:** Two Semesters

**Materials:** *Geometry: A Reference Guide*

**Prerequisites:** MTH128: Algebra I, K8 Middle School Algebra I (minimum of 90% completion of course) or equivalent

### ***MTH209: Honors Geometry***

Students work with advanced geometric concepts in various contexts. They build in-depth ideas of inductive and deductive reasoning, logic, concepts, and techniques of Euclidean plane and solid geometry. They also develop a sophisticated understanding of mathematical structure, method, and applications of Euclidean plane and solid geometry. Students use visualizations, spatial reasoning, and geometric modeling to solve problems. Topics of study include points, lines, and angles; triangles; right triangles; quadrilaterals and other polygons; circles; coordinate geometry; three-dimensional solids; geometric constructions; symmetry; the use of transformations; and non-Euclidean geometries. Students work on additional challenging assignments, assessments, and research projects.

**Course length:** Two Semesters

**Materials:** *Geometry: A Reference Guide*; a drawing compass, protractor, and ruler

**Prerequisites:** MTH128: Algebra I or MTH129: Honors Algebra I, or equivalent, and teacher/school counselor recommendation required.

### ***MTH308: Algebra II***

In K12's Algebra 2 course, students build on their work with linear, quadratic, and exponential functions, and extend their repertoire to include polynomial, rational, radical, and trigonometric functions. Students also expand their ability to model situations and solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. The course covers sequences and series, probability distributions, and more advanced data analysis techniques.

**Course Length:** Two Semesters

**Materials:** *Summit Curriculum Algebra II Reference Guide*

**Prerequisites:** Algebra 1 and Geometry or equivalent

### ***MTH309: Honors Algebra II***

This course builds upon advanced algebraic concepts covered in Algebra I and prepares students for advanced-level courses. Students extend their knowledge and understanding by solving open-ended problems and thinking critically. Topics include functions and their graphs; quadratic functions; complex numbers, and advanced polynomial functions. Students are introduced to rational, radical, exponential, and logarithmic functions; sequences and series; probability; statistics; and conic sections. Students work on additional challenging assignments, assessments, and research projects.

**Course Length:** Two Semesters

**Materials:** *Algebra II: A Reference Guide*

**Prerequisites:** MTH123: Algebra I and MTH203: Geometry

### ***MTH322: Consumer Math***

This comprehensive review and study of arithmetic skills applies to both personal and vocational business opportunities. Topics include whole numbers, fractions, percentages, basic statistics, and graphs. Practical applications in finance, taxes, budgeting, banking and home ownership are provided.

**Course Length:** Two Semesters

**Materials:** None

**Prerequisite:** Successful completion of one year of Algebra I and one year of Geometry

### ***MTH403: Pre-Calculus/Trigonometry***

Pre-calculus weaves together previous study of algebra, geometry, and functions into a preparatory course for calculus. The course focuses on the mastery of critical skills and exposure to new skills necessary for success in subsequent math courses. Topics include linear, quadratic, exponential, logarithmic, radical, polynomial, and rational functions; systems of equations; and conic sections in the first semester. The second semester covers trigonometric ratios and functions; inverse trigonometric functions; applications of trigonometry, including vectors and laws of cosine and sine; polar functions and notation; and arithmetic of complex numbers. Cross-curricular connections are made throughout the course to calculus, art, history, and a variety of other fields related to mathematics.

**Course length:** Two Semesters

**Suggested Materials (not provided):** *Texas Instruments T1-84 Plus* graphing calculator

**Prerequisites:** Success in MTH203: Geometry and MTH303: Algebra II

### ***MTH500: AP Calculus***

This course is the equivalent of an introductory college-level calculus course. Calculus helps scientists, engineers, and financial analysts understand the complex relationships behind real-world phenomena. Students learn to evaluate the soundness of proposed solutions and apply mathematical reasoning to real-world models. Students also learn to understand change geometrically and visually (by studying graphs of curves), analytically (by studying and working with mathematical formulas), numerically (by seeing patterns in sets of numbers), and verbally. Students prepare for the AP exam and further studies in science, engineering, and mathematics.

**Course Length:** Two Semesters

**Suggested Materials (not provided):** *Texas Instruments T1-84 Plus* graphing calculator

**Prerequisites:** Success in MTH 204: Honors Geometry, MTH 303: Algebra II and MTH 403: Pre-Calculus/Trigonometry. Pre-Calculus/Trigonometry (or equivalents), and teacher/school counselor recommendation

## SCIENCE

### ***SCI102: Physical Science***

Students explore the relationship between matter and energy by investigating force and motion, the structure of atoms, the structure and properties of matter, chemical reactions, and the interactions of energy and matter. Students develop skill in measuring, solving problems, using laboratory apparatuses, following safety procedures, and adhering to experimental procedures. Students focus on inquiry-based learning, with hands-on and virtual laboratory investigations making up half of the learning experience. All lab materials are either common household items or virtually provided in our online virtual lab environment. The content of this course builds on concepts covered at the Middle School level, and is intended to be the first high school level science course.

**Course length:** One Semester

**Materials:** *Physical Science: A Laboratory Guide*; common household materials for laboratory experiments

**Prerequisites:** K12 Middle School Physical Science, or equivalent

### ***OTH032: Astronomy***

Why do stars twinkle? Is it possible to fall into a black hole? Will the sun ever stop shining? Since the first glimpse of the night sky, humans have been fascinated with the stars, planets, and universe. This course introduces students to the study of astronomy, including its history and development, basic scientific laws of motion and gravity, the concepts of modern astronomy, and the methods used by astronomers to learn more about the universe. Additional topics include the solar system, the Milky Way and other galaxies, and the sun and stars. Using online tools, students examine the life cycle of stars, the properties of planets, and the exploration of space.

**Course Length:** One Semester

**Materials:** Course materials will be available in various formats, which may include physical and/or digital materials.

**Prerequisites:** None

### ***SCI203: Biology***

In this comprehensive course, students investigate the chemistry of living things: the cell, genetics, evolution, the structure and function of living things, and ecology. The program consists of in-depth online lessons including extensive animations, an associated reference book, collaborative explorations, and hands-on laboratory experiments students can conduct at home. All lab materials are either common household items or virtually provided in our online virtual lab environment.

**Course length:** Two Semesters

**Materials:** *Biology: A Reference Guide*; common household materials for labs

### ***SCI204: Honors Biology***

This course provides students with a challenging honors-level biology curriculum, focusing on the chemistry of living things: the cell, genetics, evolution, the structure and function of living things, and ecology. The program consists of advanced online lessons including extensive animations, an associated reference book, collaborative explorations, and hands-on laboratory experiments students can conduct at home. Honors activities include debates, research papers, extended collaborative laboratories, and virtual laboratories. All lab materials are either common household items or virtually provided in our online virtual lab environment.

**Course length:** Two Semesters

**Materials:** *Biology: A Reference Guide*; common household materials for labs

**Prerequisites:** K12 Middle School Life Science, or equivalent, success in previous science course, and teacher/school counselor recommendation required. Students will be expected to complete more work than in SCI203.

### **SCI303: Pre-College Chemistry**

This comprehensive course gives students a solid basis to move on to future studies at the college level. This challenging course provides an in-depth survey of all key areas, including atomic structure, chemical bonding and reactions, solutions, stoichiometry, thermochemistry, organic chemistry, and nuclear chemistry. The course includes direct online instruction and related assessments, used with a problem-solving book. Additionally, students will complete analytical labs where algebraic skills will be required. All lab materials are either common household items or virtually provided in our online virtual lab environment. If you plan on taking science courses at the college level, this is the class for you.

**Course length:** Two Semesters

**Materials:** *Chemistry: Problems and Solutions* electronic book; *Chemistry: A Laboratory Guide* electronic book; common household materials for labs; virtual labs

**Prerequisites:** High School Geometry (at least one semester) and Biology passed with a C or better.

### **SCI304: Honors Pre-College Chemistry**

This advanced course gives students a solid basis to move on to future studies of science at the college level as well as developing student leadership skills. This challenging course surveys all key areas, including atomic structure, chemical bonding and reactions, solutions, stoichiometry, thermochemistry, organic chemistry, and nuclear chemistry, enhanced with additional peer support responsibilities and assessments. Students complete community-based written research projects, treat aspects of chemistry that require individual research and reporting, and participate in online threaded discussions. All lab materials are either common household items or virtually provided in our online virtual lab environment. If you plan on taking science courses at the college level and want to develop leadership skills, this is the class for you.

**Course length:** Two Semesters

**Materials:** *Chemistry: Problems and Solutions* electronic book; *Chemistry: A Laboratory Guide* electronic book; common household materials for labs; virtual labs

**Prerequisites:** High School Geometry (at least one semester) and Biology passed with a B or better.

### **SCI306: Applied Chemistry**

This course emphasizes a conceptual understanding of the foundations of chemistry and incorporates many real world applications of these concepts. This course requires less math than the typical traditional chemistry course. It is ideal for students who don't plan to major in STEM subjects in college. Concepts covered: matter, energy, the metric system, the scientific method, the atom, the periodic table, ionic and covalent bonds, chemical reactions, stoichiometry, gases, liquids, and solids, solutions, and acids and bases, chemical thermodynamics, reaction rates and system equilibria, electrochemical processes, organic chemistry and biochemistry, and nuclear chemistry.

**Course length:** Two Semesters

**Materials:** *Chemistry: Problems and Solutions*; common household materials for labs; virtual labs

**Prerequisites:** None

### **SCI403: Physics**

This course provides a comprehensive survey of all key areas: physical systems, measurement, kinematics, dynamics, momentum, energy, thermodynamics, waves, electricity, and magnetism, and introduces students to modern physics topics such as quantum theory and the atomic nucleus. The course gives students a solid basis to move on to more advanced courses later in their academic careers. The program consists of online instruction and related assessments, plus an associated electronic problem-solving book and instructions for conducting virtual laboratory experiments. Some lab experiments may be hands-on labs with common household materials provided by the student. Physics is a trigonometry intensive course.

**Course length:** Two Semesters

**Materials:** *Physics: Problems and Solutions* electronic book; virtual labs; common household materials for any hands-on labs

**Prerequisites:** MTH303: Algebra II and MTH403: Pre-Calculus/Trigonometry

### **SCI010: Environmental Science (11<sup>th</sup> & 12<sup>th</sup> grade only)**

This course provides an overview of the nature of ecosystems, energy flow, and the inter-relationships of biology, geology, and chemical cycles. Students explore issues in population studies, environmental pollution, and the organization and dynamics of ecological communities. The program consists of online instruction and related assessments. Specific topics include scientific habits of the mind; the application of scientific knowledge, methodology, and historical context to solve problems; the use of laboratory technologies; earth dynamics; the influence of technology on environmental quality; conservation practices; biodiversity; environmental planning and waste management; environmental monitoring and policy; sustainable use of public land; characteristics of populations; biotic and abiotic environmental factors; and energy production technologies. All lab materials are either common household items, utilizing the internet and computer software tools, or virtually provided in our online virtual lab environment

**Course length:** One Semester

**Materials:** Common household materials for labs and computer software tools

**Prerequisites:** Success in previous high school science course.

### ***SCI030: Forensic Science (11<sup>th</sup> & 12<sup>th</sup> grade only)***

This course focuses on the application of scientific processes and tools in solving crimes. This course will teach students the application of scientific process for forensic analysis, procedures and principles of crime scene investigations, surveys of physical and trace evidence, the law and courtroom procedures from the point of view of the forensic scientist, trace evidence autopsies, and other aspects of crime investigation. All lab materials are either common household items or virtually provided in our online virtual lab environment

**Course length:** One Semester

**Materials:** Common household materials for labs

**Prerequisites:** Biology

### ***TCH027: Green Design & Technology***

This course examines the impact of human activities on sustainability while exploring the basic principles and technologies that support sustainable design. Students learn about the potential for emerging energy technologies such as water, wind, and solar power. They find out how today's businesses are adapting to the increased demand for sustainable products and services. In this course, students develop a comprehensive understanding of this fast-growing field.

**Course length:** One Semester

**Materials:** None

**Prerequisites:** None

## **ELECTIVES AND PE**

### ***OTH010: Skills for Health\* (Health)***

This course focuses on important skills and knowledge in nutrition; physical activity; the dangers of substance use and abuse; injury prevention and safety; growth and development; and personal health, environmental conservation, and community health resources. The curriculum is designed around topics and situations that engage student discussion and motivate students to analyze internal and external influences on their health-related decisions. The course helps students build the skills they need to protect, enhance, and promote their own health and the health of others.

**Course length:** One Semester

**Materials:** None

**Prerequisites:** None

### ***OTH018-DYN: Fashion and Interior Design***

From the clothes we wear to the homes we live in, fashion and design is all around us. In this course, students who have a flair for fashion or who constantly redecorate their room find out what it is like to work in the design industry by exploring career possibilities and the background needed to pursue them. Students try their hand at designing as they learn the basics of color and design then test their skills through hands-on projects. In addition, they develop the essential communication skills that build success in any business. By the end of the course, students are well on their way to developing the portfolio needed to get started in this exciting field.

**Course Length:** One Semester

**Materials:** House items (not supplies). **Household items REQUIRED:** Digital camera, measuring tape, project supplies that vary depending on projects chosen, fabric that varies depending on project chosen.

**Prerequisites:** None

### ***OTH020A and B: Physical Education***

This pass/fail course combines online instructional guidance with student participation in weekly cardiovascular, aerobic, muscle-toning, and other activities. Students fulfill course requirements by keeping weekly logs of their physical activity. The course promotes the value of lifetime physical activity and includes instruction in injury prevention, nutrition and diet, and stress management. Students are required to enroll in PE in the 9<sup>th</sup> and 10<sup>th</sup> grades.

**Course length:** One Semester (or more)

**Materials:** None

**Prerequisites:** None

### ***OTH020C and D: Advanced Physical Education***

This pass/fail course combines online instructional guidance with student participation in a project-based physical education course. Students fulfill course requirements by designing a health, physical activity, or wellness project proposal they will implement throughout the semester, culminating in a final presentation. Based on their individual, teacher-approved proposal, students will need to consider equipment, certifications, ecological impact, community relations, budget, nutrition, safety and first aid, revisions to the project, problem-solving, and maintaining discipline and focus. Concepts addressed in this assignment will also demonstrate mastery of core competencies and standards in PE as applied to the projects themselves. This advanced PE course emphasizes student independence and inquiry. Students will be self-directed engaged, and excited by healthy lifestyle choices and provide authentic application of content and skills learned in previous semesters of PE.

**Course length:** One Semester

**Materials:** None

**Prerequisites:** Physical Education OTH020A and OTH020B

### ***OTH035: Early Childhood Education***

Children experience enormous changes in the first few years of their lives. They learn to walk, talk, run, jump, read and write, among other milestones. Caregivers can help infants, toddlers, and children grow and develop in positive ways. This course is for students who want to influence the most important years of human development. In the course, students learn how to create fun and educational environments for children; how to keep the environment safe for children; and how to encourage the health and well-being of infants, toddlers, and school-aged children.

**Course Length:** One Semester

**Prerequisites:** None

### ***OTH037: Hospitality and Tourism***

With greater disposable income and more opportunities for business travel, people are traversing the globe in growing numbers. As a result, the hospitality and tourism industry is one of the fastest growing in the world. This course introduces the hospitality and tourism industry, including hotel and restaurant management, cruise ships, spas, resorts, theme parks, and other areas. Student learn about key hospitality issues, the development and management of tourist locations, event planning, marketing, and environmental issues related to leisure and travel. The course also examines some current and future trends in the field.

**Course Length:** One Semester

**Materials:** None

**Prerequisites:** None

### ***OTH050: Achieving Your Career and College Goals (11<sup>th</sup> and 12<sup>th</sup> grade only)***



Students explore their options for life after high school and implement plans to achieve their goals. They identify their aptitudes, skills, and preferences, and explore a wide range of potential careers. They investigate the training and education required for the career of their choice, and to create a plan to be sure that their work in high school is preparing them for the next step. They also receive practical experience in essential skills such as searching and applying for college, securing financial aid, writing a resume and cover letter, and interviewing for a job.

**Note:** This course is limited to 11<sup>th</sup> and 12<sup>th</sup> grade student enrollment

**Course length:** One Semester

**Materials:** None

**Prerequisites:** None

### ***OTH060: Family and Consumer Science***

This course focuses on the development of skills and knowledge that will help teenagers transition into adult roles within the family and the community. Students engage in activities to learn about managing money, entering the world of work, establishing a home and family, preparing nutritious meals, working as part of a team, and caring for the environment and their community. Students gain an appreciation for the work of the family and how they as individuals contribute to the well-being of their family and their community. The course features include games, videos, slideshow galleries and avatars.

**Course length:** One semester

**Materials:** None

**Prerequisites:** None

### ***OTH092: Introduction to Health Sciences***

Will we ever find a cure for cancer? What treatments are best for conditions like diabetes and asthma? How are illnesses like meningitis, tuberculosis, and measles identified and diagnosed? Health sciences provide the answers to questions such as these. This course introduces students to the various disciplines within the health sciences, including toxicology, clinical medicine, and biotechnology. Students explore the importance of diagnostics and research in the identification and treatment of diseases. The course presents information and terminology for the health sciences and examines the contributions of different health science areas.

**Course Length:** One Semester

**Materials:** None

**Prerequisites:** None

### ***PRJ010: Service Learning Leadership (Elective)***

Learn how to become a servant leader in your school and community while learning about Respect, Honesty, Humility, Commitment, Forgiveness, Selflessness, Kindness and Patience. This class focuses on spending time with one another in supportive virtual and “real” service learning environments. Get to know other students in your school while learning communications skills that you will use your entire life. Participate in a 40 Day Character Dare initiative that will challenge you to step outside of your comfort zone and push yourself to succeed in life while helping others. In this class, you will create and lead fun activities that will allow you to start forming relationships with other WAVA students.

\* Note that Service Learning Leadership meets 2 times per week in order to have more time for student to student interaction.

**Project Length:** Varies

**Materials:** None

**Prerequisites:** None

### ***SCI321-CEN and SCI322-CEN: Anatomy and Physiology***

These courses provide a thorough introduction to the basics required for the study of the human body and how it functions. Students receive a general introduction to life functions, the terminology, and phonetic pronunciations used to describe body parts and their locations, as well as an overall review of human development and body processes. This course also includes infection control and standard precautions, which emphasizes the importance of maintaining health and safety in the health-care work environment, as well as highlights the latest practices and protocols.

**Course Length:** Two Semesters

**Materials:** None

**Prerequisites:** Biology

## **TECHNOLOGY**



### ***TCH010: Computer Literacy***

**Note:** This course serves as a pre-requisite for WAVA HS advanced Technology courses and is a required course for incoming freshmen who have not previously taken an introduction to computers course.

Today’s students must be able to effectively use technology to research, organize, create, and evaluate information. This course provides a foundation in the skills and concepts that define computer literacy in the twenty-first century. From the basics of keyboarding to Internet research techniques, document creation, and digital citizenship, students practice essential skills through individual and team projects.

**Course length:** One Semester

**Materials:** *Microsoft Office Suite (Word processor, Excel spreadsheet, PowerPoint presentation software).*

**System Requirements:** Microsoft Windows XP, Windows Vista, or higher operating system; 300 MHz or faster processor; 512 MB of memory (RAM); 64MB of video RAM; OpenGL graphics card with 16 MB RAM; 3-button mouse; 1024 X 768 monitor resolution with 16 bit color; at least 2 GB of available hard drive space.

**Prerequisites:** None

### **TCH017: 3D Art I—Modeling**

This course introduces students to 3D modeling tools and concepts. Using Blender, the popular open-source 3D modeling package, students will learn the basics of creating shapes, adding textures and lighting, and rendering. By the end of the course, students will have produced a series of increasingly sophisticated projects for their 3D portfolios. This course is suitable for students with no prior experience with 3D game design or digital media authoring tools.

**Course length:** One Semester

**Materials:** PC with 1GB of RAM; *Blender* (free download)

**System Requirements:** Microsoft Windows XP, Windows Vista, or higher operating system; 300 MHz or faster processor; 512 MB of memory (RAM); 64MB of video RAM; OpenGL graphics card with 16 MB RAM; 3-button mouse; 1024 X 768 monitor resolution with 16 bit color; at least 2 GB of available hard drive space.

**Prerequisites:** TCH010 Computer Literacy or similar high school course such as Digi Tools or Introduction to Computers

### **TCH018: 3D Art II—Animation**

In this advanced course, students build on the skills they developed in 3D Art I to learn 3D animation techniques. Using Blender, a powerful open-source modeling tool, they master the basics of animation—rigging, bones, and movement—while learning how to apply traditional animation techniques to their 3D models. They also learn about jobs in the industry.

**Course Length:** One Semester

**Materials:** PC with 1GB of RAM; *Blender* (free download)

**System Requirements:** Microsoft Windows XP, Windows Vista, or higher operating system; 300 MHz or faster processor; 512 MB of memory (RAM); 64MB of video RAM; OpenGL graphics card with 16 MB RAM; 3-button mouse; 1024 X 768 monitor resolution with 16 bit color; at least 2 GB of available hard drive space.

**Prerequisites:** TCH017: 3D Art I—Modeling

### **TCH027: Green Design & Technology**

This course examines the impact of human activities on sustainability while exploring the basic principles and technologies that support sustainable design. Students learn about the potential for emerging energy technologies such as water, wind, and solar power. They find out how today's businesses are adapting to the increased demand for sustainable products and services. In this course, students develop a comprehensive understanding of this fast-growing field.

**Course length:** One Semester

**Materials:** None

**Prerequisites:** None

### **TCH028: Digital Arts I**

This art studio course introduces students to the elements and principles of design, art careers, and the foundational concepts of graphic design and visual communication. Students will use *Inkscape*, a vector program, to digitally draw and practice the skills and concepts that they learn. They will use the creative process to design, produce, revise, and present their digital artwork. No previous art knowledge is required for success in this course.

**Course Length:** One Semester

**Software:** *Inkscape* (free download provided in course)

**System Requirements:** Microsoft Windows XP, Windows Vista, or higher operating system; 300 MHz or faster processor; 512 MB of memory (RAM); 64MB of video RAM; OpenGL graphics card with 16 MB RAM; 3-button mouse; 1024 X 768 monitor resolution with 16 bit color; at least 2 GB of available hard drive space.

**Prerequisites:** TCH010 Computer Literacy or similar high school course such as Digi Tools or Introduction to Computers

### **TCH029: Digital Arts II**

Students build on the skills and concepts they learned in Digital Arts I as they develop their vocabulary of digital design elements. By the end of the course, they will have created a collection of digital art projects for their digital design portfolio.

**Course Length:** One Semester

**Software:** *Inkscape* (free download provided in course)

**System Requirements:** Microsoft Windows XP, Windows Vista, or higher operating system; 300 MHz or faster processor; 512 MB of memory (RAM); 64MB of video RAM; OpenGL graphics card with 16 MB RAM; 3-button mouse; 1024 X 768 monitor resolution with 16 bit color; at least 2 GB of available hard drive space.

**Prerequisites:** TCH028: Digital Arts I





### **TCH030: Image Design & Editing**

This course is for anyone who wants to create compelling, professional-looking graphic designs and photos. Students will learn the basics of composition, color, and layout before moving on to technical topics such as working with layers and masks, adding special effects, and effectively using typefaces to create visual impact. At the end of this course, students will have created a variety of original projects for their graphic design portfolios.

**Course length:** One Semester

**Materials:** *GIMP* (free download)

**System Requirements:** Microsoft Windows XP, Windows Vista, or higher operating system; 300 MHz or faster processor; 512 MB of memory (RAM); 64MB of video RAM; OpenGL graphics card with 16 MB RAM; 3-button mouse; 1024 X 768 monitor resolution with 16 bit color; at least 2 GB of available hard drive space.

**Prerequisites:** TCH010 Computer Literacy or similar high school course such as Digi Tools or Introduction to Computers

### **TCH036: Computer Science**

This course introduces students to computer science concepts such as computer architecture, networks, and the Internet. Students use object-oriented programming, event-driven processes, modular computer programming, and data manipulation algorithms to produce finished software programs. They use the design process to create many programs by determining specifications, designing the software, and testing and improving the product until it meets the specifications. By the end of this course, students will have a solid foundation for further study in this subject.

**Course Length:** One Semester

**Software:** Free download provided in course

**System Requirements:** Microsoft Windows XP, Windows Vista, or higher operating system; 300 MHz or faster processor; 512 MB of memory (RAM); 64MB of video RAM; OpenGL graphics card with 16 MB RAM; 3-button mouse; 1024 X 768 monitor resolution with 16 bit color; at least 2 GB of available hard drive space.

**Prerequisites:** TCH010 Computer Literacy or similar high school course such as Digi Tools or Introduction to Computers



### **TCH040: Web Design**

This course provides a comprehensive introduction to the essentials of Web design, from planning page layouts to publishing a complete site to the Web. Through real-world design scenarios and hands-on projects, students create compelling, usable websites using the latest suite of free tools from Microsoft.

**Course length:** One Semester

**Materials:** *BlueGriffin* (free download).

**System Requirements:** Microsoft Windows XP, Windows Vista, or higher operating system; 300 MHz or faster processor; 512 MB of memory (RAM); 64MB of video RAM; OpenGL graphics card with 16 MB RAM; 3-button mouse; 1024 X 768 monitor resolution with 16 bit color; at least 2 GB of available hard drive space. **Please note that a**

**Macintosh computer is NOT recommended for this course.**

**Prerequisites:** TCH010 Computer Literacy or similar high school course such as Digi Tools or Introduction to Computers

### **TCH060: C++ Programming**

In this introductory course, students learn basic programming concepts through a series of hands-on projects. They also learn about software development careers, the software development process, and industry best practices. Using Microsoft Visual C++ 2008, students master the building blocks of programming: functions, variables, loops, arrays, and classes.

**Course length:** One Semester

**Materials:** *Microsoft Visual C++ 2008 Express* (free download)

**System Requirements:** Microsoft Windows XP, Windows Vista, or higher operating system; 300 MHz or faster processor; 512 MB of memory (RAM); 64MB of video RAM; OpenGL graphics card with 16 MB RAM; 3-button mouse; 1024 X 768 monitor resolution with 16 bit color; at least 2 GB of available hard drive space.

**Prerequisites:** TCH010 Computer Literacy or similar high school course such as Digi Tools, Introduction to Computers

### **TCH071-CEN: Game Design 1**

Are you a gamer? Do you enjoy playing video games or coding? Does the idea of creating and designing your own virtual world excite you? If so, this is the course for you! When it comes to video game design, the possibilities are endless! Tap into your creative and technical skills as you learn about the many aspects involved with designing video games. With this course, you'll learn about different video game software and hardware; various gaming platforms; the technical skills necessary to design games; troubleshooting and Internet safety techniques; the history of gaming; and you'll even have the opportunity to create your very own plan for a 2D video game! With the knowledge and skills you'll gain in this course, you can take your hobby and turn it into a potential career. Game Design 1 allows you to go from simply being a player in a virtual world, to actually creating one!

**Course Length:** One Semester

**Prerequisite:** TCH010 Computer Literacy or similar High School course such as DigiTools or Introduction to Computers

**Materials:** Freeware / student download of *Unity* software

### ***TCH101: Digital Photography***

In Digital Photography, students will learn the basics of photographic composition and lighting, the basics of using a digital camera and the basics of preparing a digital darkroom. Students will also learn basic color theory and the fundamentals of image processing. This course is designed for the student who has no background in photography.

**Course Length:** One Semester

**Prerequisite:** None

**Materials:** Digital camera (not supplied)

### ***TCH038: Engineering Design***

Computer-aided design systems are used by designers and manufacturers in virtually every industry to create engineering design solutions. In this course, students are introduced to engineering, learning the basics of CAD software: creating points, lines, other geometric forms, isometric drawings, and 3D models. They learn how to translate initial concepts into functional designs and 3D walkthroughs and explore career options in this hands-on introductory-level course.

**Course Length:** One Semester

**Prerequisite:** None

**Materials:** None

## **FOREIGN LANGUAGE**

**Note:** WAVA HS World Language courses are highly academic electives. WAVA HS students must be in at least the 10<sup>th</sup> grade to enroll in a World Language. Though World Language credit is not a graduation requirement, most four-year Universities will require a minimum of two years of the same World Language for admission. WAVA HS World Languages count as **Elective** credit.

### ***WLG100: Spanish I***

Students begin their introduction to Spanish with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Students are initially trained to recognize key sounds and basic vocabulary, not only in written form but also through ear training that leads quickly to oral production. Vocabulary and grammar topics are introduced in an ongoing adventure story that prompts students to use skills from all four language learning areas. Students learn fundamental grammar as embedded in authentic spoken language. Cultural information covers major Spanish-speaking areas in Europe and the Americas. All-new graphics, videos, and games keep students engaged, and make learning languages exciting.

**Course length:** Two Semesters

**Materials:** *Vox Everyday Spanish and English Dictionary*

**Prerequisites:** Students must pass the 1<sup>st</sup> Semester class to enroll in 2<sup>nd</sup> Semester

### ***WLG200: Spanish II***

In this continuing introduction to Spanish, students deepen their focus on four key skills in foreign language acquisition: listening comprehension, speaking, reading, and writing. A continuing storyline introduces and reinforces new vocabulary, while activities prompt students to analyze meaning from context, and then to reproduce new vocabulary in real-life oral expression. Additional verb tenses and idiomatic expressions are also introduced. As in Spanish I, students learn grammar through supplemental texts that supply traditional charts, tables, and explanations. Cultural information addresses Spanish as it is used around the globe. All-new graphics, videos, and games keep students engaged, and make learning languages exciting.

**Course length:** Two Semesters

**Materials:** *Vox Everyday Spanish and English Dictionary*

**Prerequisites:** WLG100: Spanish I; students must pass the 1<sup>st</sup> Semester class to enroll in 2<sup>nd</sup> Semester

### ***WLG300: Spanish III***

Students further deepen their understanding of Spanish by focusing on the three modes of communication: interpretive, interpersonal, and presentational. Each unit consists of a variety of activities which teach the students how to understand more difficult written and spoken passages, to communicate with others through informal speaking and writing interactions, and to express their thoughts and opinions in more formal spoken and written contexts. Students should expect to be actively engaged in their own language learning, use correct vocabulary terms and phrases naturally, incorporate a wide range of grammar concepts consistently and correctly while speaking and writing, participate in conversations covering a wide range of topics and respond appropriately to conversational prompts, analyze and compare cultural practices, products, and perspectives of various Spanish-speaking countries, read and analyze important pieces

of Hispanic literature, and take frequent assessments where their language progression can be monitored. The course is conducted almost entirely in Spanish.

**Course Length:** Two Semesters

**Materials:** A speaker and microphone are necessary; a headset combination is recommended; *Vox Everyday Spanish and English Dictionary* or equivalent is recommended

**Prerequisites:** WLG200: Spanish II (or equivalent); students must pass the 1st Semester class to enroll in 2nd Semester

### **WLG110: French I**

Students begin their introduction to French with fundamental building blocks in four key areas of foreign-language study: listening comprehension, speaking, reading, and writing. Students are initially trained to recognize key sounds and basic vocabulary, not only in written form but also through ear training that leads quickly to oral production. An ongoing adventure story introduces vocabulary and grammar topics, and prompts students to use skills from the four language-learning areas. Students learn fundamental grammar as embedded in authentic spoken language. All- new graphics, videos, and games keep students engaged, and make learning languages exciting.

**Course length:** Two Semesters

**Materials:** *Larousse Student French-English/English-French Dictionary*

**Prerequisites:** Students must pass the 1<sup>st</sup> Semester class to enroll in 2<sup>nd</sup> Semester

### **WLG210: French II**

In this continuing introduction to French, students deepen their focus on four key skills in foreign language acquisition: listening comprehension, speaking, reading, and writing. A continuing storyline introduces and reinforces new vocabulary, while activities prompt students to analyze meaning from context, and then to reproduce new vocabulary items in functional real-life oral expression. Additional verb tenses and idiomatic expressions are also introduced. As in French I, students learn grammar through supplemental texts that supply traditional charts, tables, and explanations. All-new graphics, videos, and games keep students engaged, and make learning languages exciting.

**Course length:** Two Semesters

**Materials:** *Larousse Student French-English/English-French Dictionary*

**Prerequisites:** WLG110: French I or equivalent; students must pass the 1st Semester class to enroll in 2nd Semester

### **WLG310: French III**

Students further deepen their understanding of French by focusing on the three modes of communication: interpretive, interpersonal, and presentational. Each unit consists of a variety of activities which teach the students how to understand more difficult written and spoken passages, to communicate with others through informal speaking and writing interactions, and to express their thoughts and opinions in both formal and Informal spoken and written contexts. Students should expect to be actively engaged in their own language learning, use correct vocabulary terms and phrases naturally, incorporate a wide range of grammar concepts consistently and correctly while speaking and writing, participate in conversations covering a wide range of topics, respond appropriately to conversational prompts, analyze and compare cultural practices, products, and perspectives of various French-speaking countries, read and analyze important pieces of literature, and take frequent assessments where their language progression can be monitored. The course is conducted almost entirely in French.

**Course Length:** Two Semesters

**Materials:** A speaker and microphone are necessary; a headset combination is recommended; *Larousse Student French-English/English-French Dictionary* or equivalent is recommended

**Prerequisites:** WLG210: French II (or equivalent); students must pass the 1st Semester class to enroll in 2nd Semester

### **WLG410: French IV**

Students continue to sharpen listening, speaking, reading, and writing skills. They learn to express themselves using an expanding vocabulary; present, past, future and conditional verbs; articles; adjectives; and increasingly complex grammatical structures. Grammar is introduced and practiced with a variety of learning styles in mind. Throughout the course, students experience the culture, people, geographical locations, and histories of the French-speaking world.

**Course Length:** Two Semesters

**Materials:** A speaker and microphone are necessary; a headset combination is recommended; *Larousse Student French-English/English-French Dictionary* or equivalent is recommended

**Prerequisites:** WLG310: French III (or equivalent); students must pass the 1st Semester class to enroll in 2nd Semester

## WAVA HS ORIENTATION COURSE

### *ORN010: Online Learning: Middle and High School*

The Online Learning course explains to students how the K12 high school program works, and provides tips on successful online learning. Students are introduced to the online tools they will use during their high school experience, including the Learning Management System that delivers course assignments. Students take part in online discussions and practice submitting computer-scored assessments and other assignments to teachers. Lifelong learning skills such as time management and study habits are also covered. By the end of the course, students will be fully prepared to begin their K12 high school courses.

**Course length:** Approximately 2 hours

**Materials:** None

**Prerequisites:** None