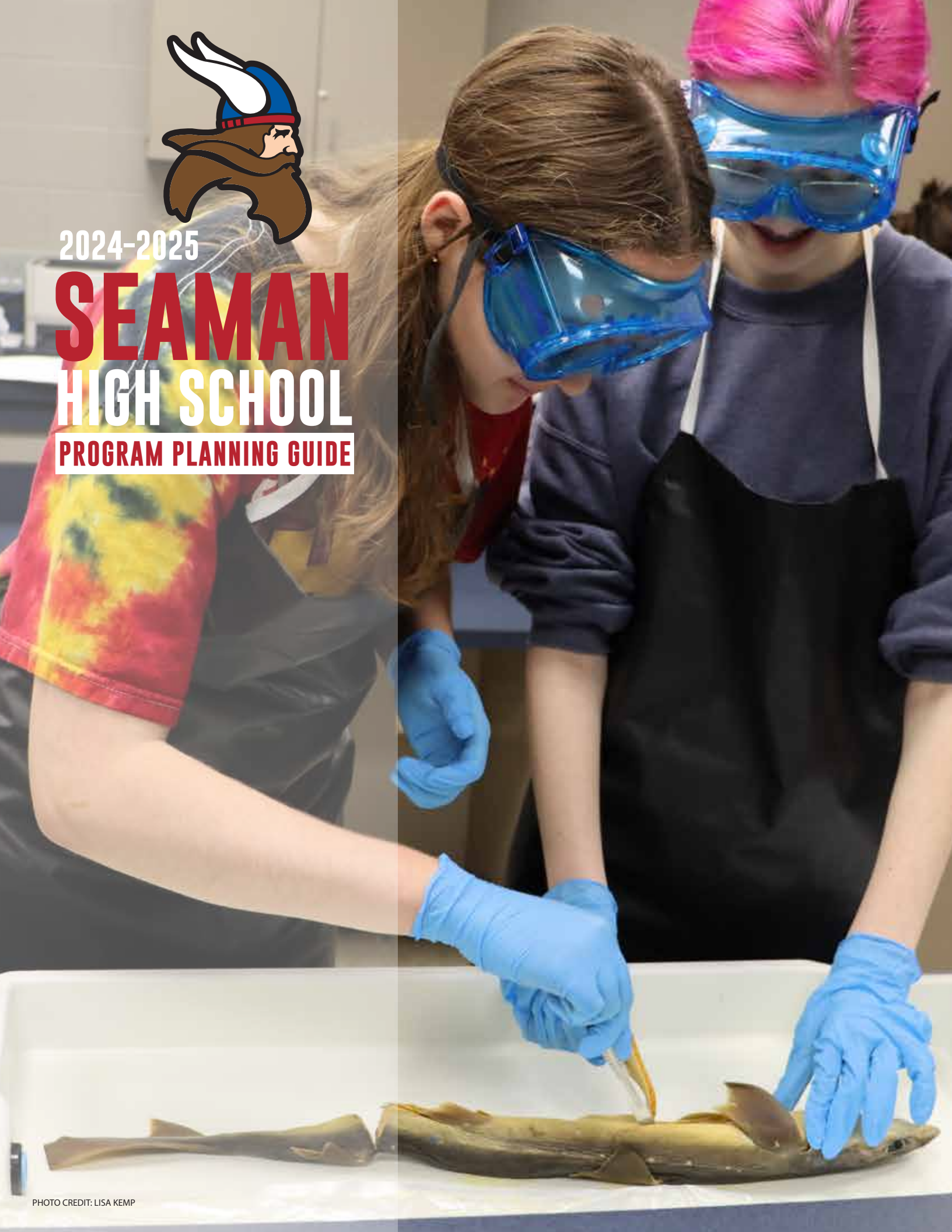




2024-2025

# SEAMAN HIGH SCHOOL

PROGRAM PLANNING GUIDE



The Program Planning Guide provides students and parents with information they need to develop a course schedule for the upcoming school year and to prepare a comprehensive four-year plan of study that will best meet one's academic, occupational, and personal needs. Our guidance counselors look forward to assisting students in developing a plan of study based on their individual interests and needs.

### **Pre-Enrollment**

Students are asked to fill out the pre-enrollment forms carefully. The administration and counselors will use the pre-enrollment data to build a master schedule. The counseling staff will distribute enrollment materials in January and February. These materials include:

- The transcript review, which lists all classes a student has successfully completed.
- A preference sheet listing all required and elective classes for the appropriate grade level

Students and parents will have approximately two weeks to study the enrollment information. After this time, each student must complete an enrollment form listing his/her choices for the next school year. Students must also complete and return the preference sheets listing alternative classes that were not marked on the enrollment form.

Student selections during pre-enrollment help determine which courses will be offered and when they will be offered. When students change their minds, classes are impacted. Students need to be very serious about their enrollment choices, as changes will only be considered if space is available.

At SHS we are very fortunate to be able to offer such a wide array of course offerings that are designed to prepare students with a solid academic foundation, to explore and discover their interests and passions, and to provide a smooth and seamless transition into post-secondary programs of study and careers. Many of our students begin the transition early by completing vocational certifications, career and technical education pathways, dual credit college course work, and internships. Required courses like Success 101, which includes My-10-Year-Plan, and Personal Finance have been added to the curriculum to assist students in exploring and identifying their interests, developing plans of study, and making sound long-term plans. Our College and Career Advocates also assist students in developing plans of study that can help students achieve their dreams and goals.

The faculty and administration encourage students to develop a solid academic plan of study and to work diligently to meet their academic and career goals. We look forward to working with you and wish you all the BEST for a successful school year. The future of our Seaman Vikings looks very BRIGHT!



**Dr. Laura Lyons**  
Principal



**Shelly Pregel**  
Assistant Principal  
Freshman Center



**Travis Brown**  
Assistant Principal  
(Students A-K)



**Tonya Monhollon**  
Assistant Principal  
(Students L-Z)



**TBD**  
Assistant Principal  
Athletic Director



**Karen Williams**  
Assistant Principal  
Pleasant Hill  
Learning Campus

# School Hours & Bell Schedule

## School Hours

Regular School Hours

7:55 am - 3:05 pm

## Early Release Hours

SHS 7:55 am - 11:05 am

## Bell Schedule (Rolling 8-block schedule)

7:55-9:20 (Red 1; Blue 2)

9:25-10:50 (Red 3; Blue 4)

10:55-12:50 (lunch) (Red 5; Blue 6)

12:55-1:35 (CaLP; CaLP)

1:40-3:05 (Red 7; Blue 8)

## Three lunch periods

11:25-11:50 - First lunch

11:55-12:20 - Second lunch

12:25-12:50 - Third lunch

Junior and Senior Washburn Tech students will be released at 10:50.

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## Key

**TECH** = Washburn Institute of Technology

 = College Credit

 = Weighted Credit

 = College and Career Pathway

# GRADUATION REQUIREMENTS FOR CLASSES OF 2025-2027

	Freshman	Cr	Sophomore	Cr	Junior	Cr	Senior	Cr
English	Freshman Language Arts (1), Honors Language Arts (1)	1	Sophomore Language Arts (1), Honors Sophomore Language Arts (1), AP Seminar: English 10 (1)	1	Junior Language Arts (1), Honors Junior Language Arts (1), AP Language Arts (1)	1	AP Lit & Composition (1), AP Lang & Composition (1), British Lit (0.5), College Intro to Literature/WU (0.5), College Prep Comp (0.5), Introductory College Writing/WU (0.5), Intermediate College Writing/WU (0.5), Senior World Literature (0.5), Technical Writing (0.5), Workplace Reading Essentials (0.5)	1
Science	Biology (1)	1	Select 2 Credits of Science					2
Social Studies	Modern World History (1)	1	U.S. History I & II (1), AP U.S. History (1), AP European History (1), College U.S. History (1)			1	U.S. Government I & II (1) AP U.S. Government (1), College U.S. Government (1)	1
Math	Math I (1), Math I Honors (1)	1	Math II (1), Math II & Math II A (1), Math II Honors (1)	1	Math III (1), Math III & Math III A (1), Math III Honors (1)	1		
Physical Education	Physical Dimensions (0.5)	0.5	Select 0.5 credits of Physical Education					0.5
Practical Arts	Success 101 (0.5)	0.5	Personal Finance (0.5)					0.5
Fine Arts	Select 1 credit of Fine Arts							1
Electives	Select 9 Credits							9
CaLP	Career & Life Planning	0	Career & Life Planning	0	Career & Life Planning	0	Career & Life Planning	0

One Semester = 0.5 Credits

Two Semesters = 1 Credit

Total Graduation Credits Required: 25

# GRADUATION REQUIREMENTS FOR CLASS OF 2028 AND BEYOND

	Freshman	Cr	Sophomore	Cr	Junior	Cr	Senior	Cr
English	Freshman Language Arts (1), Honors Language Arts (1)	1	Sophomore Language Arts (1), Honors Sophomore Language Arts (1), AP Seminar: English 10 (1)	1	Junior Language Arts (1), Honors Junior Language Arts (1), AP Language Arts (1)	1	AP Lit & Composition (1), AP Lang & Composition (1), British Lit (0.5), College Intro to Literature/WU (0.5), College Prep Comp (0.5), Introductory College Writing/WU (0.5), Intermediate College Writing/WU (0.5), Senior World Literature (0.5), Technical Writing (0.5), Workplace Reading Essentials (0.5)	1
Communications	Select 0.5 credit of Communications							0.5
Social Studies	Modern World History (1)	1			U.S. History I & II (1), AP U.S. History (1), College U.S. History (1)	1	U.S. Government I & II (1) AP U.S. Government (1), College U.S. Government (1)	1
Science	Biology (1)	1	Physical Science (1) + 1 Credit of Science (1) or Chemistry/Physics (2)					2
Math	Math I (1), Math I Honors (1)	1	Math II (1), Math II & Math II A (1), Math II Honors (1)	1	Math III (1), Math III & Math III A (1), Math III Honors (1)	1		
STEM	Select 1 credit of STEM (Science, Technology, Engineering or Mathematics)							1
Physical Education	Physical Dimensions (0.5)	0.5	Select 0.5 credits of Physical Education					0.5
Practical Arts	Success 101 (0.5)	0.5	Personal Finance (0.5)					0.5
Fine Arts	Select 1 credit of Fine Arts							1
Electives	Select 7.5 Credits							7.5
CaLP	Career & Life Planning	0	Career & Life Planning	0	Career & Life Planning	0	Career & Life Planning	0

One Semester = 0.5 Credits

Two Semesters = 1 Credit

Total Graduation Credits Required: 25

## COLLEGE AND CAREER PATHWAYS

Career Pathways provide students a sequential set of classes to explore careers of interest and develop skills in preparation for college and a career. **Introductory courses** allow students to explore a wide variety of careers within the field. **Technical level** courses focus on specific skills that are needed within the career area. Students who have gained the technical skills within the pathway are eligible to enroll in **Application level** courses, which provide "real-world" experiences in the classroom with industry mentors or through professional workplace experience.

### Benefits of College & Career Pathways

- Access to exclusive project-based learning experiences
- Exposure to high-demand, high-income industries
- Small learning communities of students centered on student's field of interest
- Career exploration so student can determine his/her career and educational plan beyond high school
- Freedom to explore multiple pathways
- College credit opportunities

AGRICULTURE, FOOD & NATURAL RESOURCES		
Agribusiness Systems	Animal Science	Plant Systems
Introductory		
<ul style="list-style-type: none"> <li>• Introduction to Agricultural Sciences (8th grade)</li> </ul>	<ul style="list-style-type: none"> <li>• Introduction to Agricultural Sciences (8th grade)</li> </ul>	<ul style="list-style-type: none"> <li>• Introduction to Agricultural Sciences (8th grade)</li> </ul>
Technical		
<ul style="list-style-type: none"> <li>• Agriculture Business</li> </ul>	<ul style="list-style-type: none"> <li>• Animal Science and Industry</li> </ul>	<ul style="list-style-type: none"> <li>• Horticulture</li> </ul>
Application		
<ul style="list-style-type: none"> <li>• Agriculture Communications &amp; Leadership</li> <li>• Applications in Agribusiness</li> <li>• CCR Internship - Ag, Food &amp; Natural Resources</li> </ul>	<ul style="list-style-type: none"> <li>• Advanced Animal Science - Livestock Management</li> <li>• Animal Health/Veterinary Tech</li> <li>• CCR Internship - Ag, Food &amp; Natural Resources</li> </ul>	<ul style="list-style-type: none"> <li>• Agriculture Business</li> <li>• Agriculture Communications &amp; Leadership</li> <li>• Applications in Horticulture</li> <li>• Crop and Range Management</li> <li>• Floriculture &amp; Greenhouse Management</li> <li>• CCR Internship - Ag, Food &amp; Natural Resources</li> </ul>

ARCHITECTURE & CONSTRUCTION	
Construction	Design
Introductory	
<ul style="list-style-type: none"> <li>• Introduction to Industrial Technology (8th Grade)</li> <li>• Drafting</li> </ul>	<ul style="list-style-type: none"> <li>• Introduction to Industrial Technology (8th Grade)</li> <li>• Drafting</li> </ul>
Technical	
<ul style="list-style-type: none"> <li>• Carpentry I</li> <li>• Woodworking Principles</li> </ul>	<ul style="list-style-type: none"> <li>• Drafting/CAD</li> <li>• Home Interiors</li> </ul>
Application	
<ul style="list-style-type: none"> <li>• Furniture and Cabinetry Fabrication</li> <li>• Advanced Materials Technology</li> <li>• CCR Internship - Construction &amp; Design - Construction</li> </ul>	<ul style="list-style-type: none"> <li>• Architecture/Construction Science</li> <li>• CCR Internship - Construction &amp; Design - Design</li> </ul>



ARTS, A/V & COMMUNICATIONS	
Digital Media	Graphic Design
Introductory	
<ul style="list-style-type: none"> <li>• Computer Applications I (8th grade)</li> <li>• Computer Applications II</li> <li>• Introduction to Business (8th grade)</li> </ul>	<ul style="list-style-type: none"> <li>• Computer Applications I (8th grade)</li> <li>• Computer Applications II</li> <li>• Drawing I</li> </ul>
Technical	
<ul style="list-style-type: none"> <li>• 21st Century Journalism</li> <li>• Beginning Digital Photo: Photo Imaging</li> <li>• Broadcast Journalism I: Audio/Video Production Fundamentals</li> <li>• Digital Media Technology</li> <li>• Graphic Design</li> <li>• Media &amp; Public Relations</li> <li>• Marketing: Sports &amp; Entertainment</li> <li>• Graphic Design Fundamentals</li> </ul>	<ul style="list-style-type: none"> <li>• Beginning Digital Photo: Photo Imaging</li> <li>• Drawing II</li> <li>• Graphic Design</li> <li>• Graphic Design Fundamentals</li> </ul>
Application	
<ul style="list-style-type: none"> <li>• Broadcast Journalism II: Video Production</li> <li>• Clipper: Digital Media Design &amp; Production</li> <li>• Yearbook: Digital Media Design &amp; Production</li> </ul>	<ul style="list-style-type: none"> <li>• CCR Internship - Media Technology</li> </ul>

BUSINESS MANAGEMENT & ADMINISTRATION
Management & Entrepreneurship
Introductory
<ul style="list-style-type: none"> <li>• Introduction to Business (8th grade)</li> </ul>
Technical
<ul style="list-style-type: none"> <li>• 21st Century Technology Communications</li> <li>• Accounting I</li> <li>• Business Economics</li> <li>• Business Law I</li> <li>• Business Management</li> <li>• Drafting/CAD</li> <li>• Carpentry</li> <li>• Culinary Essentials</li> <li>• Entrepreneurship I</li> <li>• Foundations to Early Childhood Development</li> <li>• PLTW Engineering Design and Development</li> <li>• Principles of Marketing</li> <li>• Web Page Design</li> <li>• Welding Processes I</li> </ul>
Application
<ul style="list-style-type: none"> <li>• CCR Internship - Applied Business Development</li> </ul>



EDUCATION & TRAINING	
Teaching/Training	
Introductory	
<ul style="list-style-type: none"> <li>• Introduction to Family &amp; Consumer Sciences (8th grade)</li> </ul>	
Technical	
<ul style="list-style-type: none"> <li>• Teaching Observation</li> <li>• Peer Mentoring</li> <li>• Human Development</li> <li>• Family Studies</li> </ul>	
Application	
<ul style="list-style-type: none"> <li>• Teaching Internship</li> </ul>	

ENGINEERING	
Engineering & Applied Mathematics	
Introductory	
<ul style="list-style-type: none"> <li>• Chemistry</li> <li>• PLTW Introduction to Engineering Design</li> </ul>	
Technical	
<ul style="list-style-type: none"> <li>• Drafting/CAD</li> <li>• Engineering Robotics</li> <li>• PLTW Principles of Engineering</li> </ul>	
Application	
<ul style="list-style-type: none"> <li>• PLTW Engineering Design and Development</li> <li>• CCR Internship - Engineering &amp; Applied Mathematics</li> </ul>	

FINANCE	
Business Finance	
Introductory	
<ul style="list-style-type: none"> <li>• Introduction to Business (8th grade)</li> </ul>	
Technical	
<ul style="list-style-type: none"> <li>• 21st Century Technology Communications</li> <li>• Accounting I</li> <li>• Business Economics</li> <li>• Business Law I</li> <li>• Entrepreneurship I</li> </ul>	
Application	
<ul style="list-style-type: none"> <li>• Investing</li> <li>• Money &amp; Banking</li> <li>• Computerized Accounting II</li> <li>• Computerized Accounting III</li> <li>• CCR Internship - Finance</li> </ul>	

GOVERNMENT & PUBLIC ADMINISTRATION	
Government & Public Administration	
Introductory	
<ul style="list-style-type: none"> <li>• AP American Government</li> <li>• AP U.S. History</li> <li>• American Government</li> <li>• U.S. History</li> <li>• Introduction to Public &amp; Government Administration</li> </ul>	
Technical	
<ul style="list-style-type: none"> <li>• Accounting</li> <li>• Business Economics</li> <li>• Business Law I</li> <li>• Business Management</li> <li>• Government &amp; Public Administration Fundamentals</li> <li>• Media &amp; Public Relations</li> <li>• Practical Law</li> </ul>	
Application	
<ul style="list-style-type: none"> <li>• CCR Internship - Public Government</li> <li>• CCR Internship - Pre-Law</li> </ul>	

HEALTH SCIENCE		
BioChemistry	BioMedical	Health Science
Introductory		
<ul style="list-style-type: none"> <li>• Computer Applications I (8th grade)</li> <li>• Computer Applications II</li> <li>• Chemistry</li> </ul>	<ul style="list-style-type: none"> <li>• Biology</li> <li>• Chemistry</li> <li>• Computer Applications I (8th grade)</li> <li>• Computer Applications II</li> </ul>	<ul style="list-style-type: none"> <li>• Biology</li> <li>• Chemistry</li> <li>• Intro to Health Science</li> </ul>
Technical		
<ul style="list-style-type: none"> <li>• Anatomy and Physiology</li> </ul>	<ul style="list-style-type: none"> <li>• Anatomy and Physiology</li> <li>• Engineering Robotics</li> <li>• PLTW Principles of Biomedical Science</li> <li>• PLTW Biomedical Human Body Systems</li> <li>• PLTW Medical Interventions</li> </ul>	<ul style="list-style-type: none"> <li>• Anatomy and Physiology</li> <li>• Nutrition &amp; Fitness</li> <li>• Sports Medicine I</li> </ul>
Application		
<ul style="list-style-type: none"> <li>• CCR Internship - Engineering</li> <li>• Bioengineering</li> </ul>	<ul style="list-style-type: none"> <li>• PLTW Biomedical Innovation</li> <li>• Bioengineering</li> <li>• CCR Internship - Engineering</li> </ul>	<ul style="list-style-type: none"> <li>• Sports Medicine II</li> <li>• WUIT - Nursing Assistant</li> <li>• WUIT - Phlebotomy</li> <li>• WUIT - Health Care Tech</li> <li>• CCR Internship - Health Science</li> </ul>

<b>HOSPITALITY &amp; TOURISM</b>	
<b>Restaurant and Event Management</b>	
Introductory	
<ul style="list-style-type: none"> <li>• Introduction to Family &amp; Consumer Science (8th Grade)</li> <li>• Introduction to Business (8th grade)</li> </ul>	
Technical	
<ul style="list-style-type: none"> <li>• Culinary Arts (required)</li> <li>• Culinary Essentials</li> <li>• Entrepreneurship I</li> <li>• Nutrition &amp; Fitness</li> <li>• Principles of Marketing</li> </ul>	
Application	
<ul style="list-style-type: none"> <li>• Career and Community Connections</li> <li>• CCR Internship - Restaurant &amp; Event Management</li> <li>• Culinary Applications</li> </ul>	

<b>HUMAN SERVICES</b>	
<b>Early Childhood Development &amp; Services</b>	<b>Family, Community and Consumer Services</b>
Introductory	
<ul style="list-style-type: none"> <li>• Introduction to Family &amp; Consumer Science (8th Grade)</li> </ul>	<ul style="list-style-type: none"> <li>• Family &amp; Consumer Science (8th grade)</li> </ul>
Technical	
<ul style="list-style-type: none"> <li>• Foundation to Early Childhood Development</li> <li>• Human Development</li> <li>• Leadership</li> <li>• Family Studies</li> </ul>	<ul style="list-style-type: none"> <li>• Culinary Essentials</li> <li>• Human Development</li> <li>• Leadership</li> <li>• Nutrition &amp; Fitness</li> <li>• Family Studies</li> </ul>
Application	
<ul style="list-style-type: none"> <li>• CCR Internship - Career Connections</li> <li>• CCR Internship - Early Childhood Applications</li> </ul>	<ul style="list-style-type: none"> <li>• CCR Internship: Career Connections</li> <li>• CCR Internship: Community Connections</li> </ul>

INFORMATION TECHNOLOGY	
Programming and Software Development	Web and Digital Communications
Introductory	
<ul style="list-style-type: none"> <li>Computer Applications I (8th grade)</li> <li>Computer Applications II</li> </ul>	<ul style="list-style-type: none"> <li>Computer Applications I (8th grade)</li> <li>Computer Applications II</li> </ul>
Technical	
<ul style="list-style-type: none"> <li>AP PLTW Computer Science Principles</li> <li>Computer Programming Other Language</li> <li>PLTW Computer Science Principles</li> <li>Web Page Design</li> </ul>	<ul style="list-style-type: none"> <li>Animation</li> <li>Graphic Design</li> <li>Web Page Design</li> </ul>
Application	
<ul style="list-style-type: none"> <li>CCR Internship - Programming</li> <li>PLTW Cybersecurity</li> </ul>	<ul style="list-style-type: none"> <li>CCR Internship - Web</li> </ul>

LAW, PUBLIC SAFETY, & SECURITY	
Corrections, Security, Law, and Law Enforcement Services	
Introductory	
<ul style="list-style-type: none"> <li>Introduction to Law, Public Safety &amp; Security</li> </ul>	
Technical	
<ul style="list-style-type: none"> <li>21st Century Technology Communications</li> <li>Accounting</li> <li>Business Economics</li> <li>Business Law</li> <li>Business Management</li> <li>Law Enforcement I</li> <li>Practical Law</li> <li>Public Safety Physical Education</li> </ul>	
Application	
<ul style="list-style-type: none"> <li>Law Enforcement II</li> </ul>	

MANUFACTURING	
Manufacturing	
Introductory	
<ul style="list-style-type: none"> <li>Introduction to Industrial Technology (8th Grade)</li> <li>Introduction to Welding</li> </ul>	
Technical	
<ul style="list-style-type: none"> <li>Welding Processes I</li> <li>Drafting/CAD</li> <li>Engineering Robotics</li> </ul>	
Application	
<ul style="list-style-type: none"> <li>Advanced Materials Technology</li> <li>Welding Processes II</li> <li>Work Experience in Manufacturing - Comprehensive</li> </ul>	

## AGRICULTURAL SCIENCE AND TECHNOLOGY

	9	10	11	12
Advanced Animal Science - Livestock Management		X	X	X
Agriculture Business			X	X
Agriculture Communications and Leadership			X	X
Animal Health/Veterinary Tech		X	X	X
Animal Science & Industry	X	X	X	X
Applications in Agribusiness		X	X	X
Applications in Horticulture			X	X
Crop and Range Management			X	X
Floriculture & Greenhouse Management		X	X	X
Horticulture	X	X	X	X
Introduction to Agricultural Sciences	X	X		

Pathways: Agribusiness Systems, Animal Science, Plant Systems

### ADVANCED ANIMAL SCIENCE- LIVESTOCK MANAGEMENT

Credit: 1

Course Number: 14360

Grade Level: 10, 11, 12

Fees: \$10

Prerequisite: Intro to Agriculture (recommended, Animal Science (required))

This course is part of the Animal Systems pathway in the Agriculture, Food and Natural Resource Systems cluster of courses. It is designed as an advanced course in livestock animals and their care. Topics include care/handling, reproduction, anatomy/physiology, facilities, and nutrition for animals that are used in our food systems.

### AGRICULTURE BUSINESS

Credit: .5

Course Number: 14500

Grade Level: 11, 12

Fees: \$5

Prerequisite: Introduction to Agriculture recommended

Agriculture Business is a course designed to introduce the students to agribusiness management in the free enterprise system. It includes a study of economic principles, budgeting, record keeping, finance, risk management, business law, marketing, and careers in agribusiness. Leadership development and supervised agricultural experience programs are an integral part of this course.

### AGRICULTURE COMMUNICATIONS AND LEADERSHIP

Credit: .5

Course Number: 14510

Grade Level: 11, 12

Fees: \$5

Prerequisite: Introduction to Agriculture recommended

Agriculture Communications and Leadership is a course designed to prepare students for advertising, public relations, and oral communications within agriculture. This course is all about the surrounding community and making sure they know what is going on in our program and in today's agriculture. It will include communications through paper, TV, radio, social media, and blogging.

### ANIMAL HEALTH/VETERINARY TECH

Credit: 1

Course Number: 14520

Grade Level: 10, 11, 12

Fees: \$10

Prerequisite: Animal Science with a C or better

This course is designed to provide students with an opportunity to study the science of veterinary medicine, including animal anatomy and physiology, animal health, nutrition, and cause/prevention of disease. Students will learn various veterinary laboratory skills, aseptic and surgical procedures, basic radiology, and scientific research and writing skills.

### ANIMAL SCIENCE & INDUSTRY

Credit: 1

Course Number: 14300

Grade Level: 9, 10, 11, 12

Fees: \$10

Prerequisite: Introduction to Agriculture recommended

Animal Science and Industry is a practical course for students interested in food animals. It will acquaint students with the nature of the animal industry, the basic skills required, and its many career opportunities.

### **APPLICATIONS IN AGRIBUSINESS**

Credit: 1  
Course Number: 14535  
Grade Level: 11, 12  
Fees: \$10  
Prerequisite: C or better in Agriculture Business

This course is designed for advanced study of agriculture business opportunities and economics for the college bound students with interest in agriculture. Through the course, the student will understand and apply basic economic principles as they relate to individual consumers, production agriculture, and agri-business management. Life skills such as resumes, job applications, interview skills, and college and scholarship applications will be included. The students will develop a "business" that will produce, package, determine prices, and market their products. Students will keep accurate records of expenses, receipts, and profit/losses.

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### **APPLICATIONS IN HORTICULTURE**

Credit: 1  
Course Number: 14530  
Grade Level: 11, 12  
Fees: \$10  
Prerequisite: C or better in Horticulture

This class explores crop, vegetable, greenhouse and nursery plant management and the economics involved in plant production through hands-on applications. This course is designed to develop skills in the maintenance of plant growth and propagation structures. This class will also bridge the gap between the school and our community via plant production.

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### **CROP AND RANGE MANAGEMENT**

Credit: 1  
Course Number:  
Grade Level: 11, 12  
Fees: \$25  
Prerequisite: Horticulture

This course is designed to expand on greenhouse management concepts that are first introduced in Horticulture. This is a very hands-on course where students will have the opportunity to participate in real-world agronomy experiences. Topics for this course include range ecology, stocking rates, propagating, culture, and harvest of agronomic plants.

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### **FLORICULTURE AND GREENHOUSE MANAGEMENT**

Credit: 1  
Course Number: 14540  
Grade Level: 10, 11, 12  
Fees: \$10  
Prerequisite: Horticulture

This course is designed to expand on greenhouse management concepts that are first introduced in Horticulture. This is a very hands-on course where a lot of time will be spent in the school greenhouse. Topics for this course include pest management, greenhouse safety, career opportunities, and greenhouse production, as well as principles of floral design.

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### **HORTICULTURE**

Credit: 1  
Course Number: 14322  
Grade Level: 9, 10, 11, 12  
Fees: \$10  
Prerequisite: Introduction to Agriculture recommended

Horticulture is a science that studies plants, gardening and natural growth. This course helps students develop skills in controlling plant growth and development. Specific topics of study may include plant production, pruning, and regulations of plant growth and storage processes. Horticulture courses may also cover marketing concepts in horticulture. It will also include lab-based instruction in the school greenhouse.

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### **INTRODUCTION TO AGRICULTURAL SCIENCES**

Credit: 1  
Course Number: 14200  
Grade Level: 9, 10  
Fees: \$10  
Prerequisite: none

This course is a guided tour of the world of Agriscience and FFA. The first semester will aid in the development of career skills that employers demand in today's workplace while providing information in the areas of FFA, public speaking, animal science business management and record keeping. The second semester places emphasis on animal sciences, plant sciences and natural resources.

# ART

	9	10	11	12
Advanced Placement Studio Art			x	x
Advanced Studio			x	x
Ceramics I		x	x	x
Ceramics II			x	x
Design I	x	x	x	x
Design II	x	x	x	x
Digital Art		x	x	x
Drawing I	x	x	x	x
Drawing II	x	x	x	x
Graphic Design Fundamentals	x	x	x	x
Graphic Design I	x	x	x	x
Graphic Design II	x	x	x	x
Jewelry		x	x	x
Painting & Mixed Media		x	x	x
Printmaking I	x	x	x	x
Printmaking II	x	x	x	x

Pathways: Digital Media, Graphic Design, Web and Digital Communications

## ADVANCED PLACEMENT STUDIO ART

Credit: 1

Course Number: 13

Grade Level: 11, 12

Fees: \$30 materials, AP portfolio submission fee (optional)

Prerequisite: Design I, Drawing I and two other advanced 2-D art classes (Drawing II, Design II, Painting & Mixed Media, and/or Printmaking) and art department recommendation.

This is an intensive year-long course designed for students who are passionate about art and/or interested in pursuing the visual arts as a career after high school. The course addresses advanced concepts in drawing, painting, design and beyond. Students will produce an in-depth body of work broken down into breadth (range of approaches) and concentration (sustained investigation). The first semester consists of 12 teacher lead projects focused at creating a variety of work that either demonstrate a range of drawing issues or their understanding of 2-D design issues. During the second semester, students will produce an in-depth body of work referred to as a concentration that demonstrates a sustained investigation of a specific visual idea or describes an in-depth exploration of a particular 2-D design concern. A substantial amount of work is required outside of class. Students submit an in-depth digital portfolio and actual work at the end of the school year for evaluation with the potential to receive college credit for their work.

## ADVANCED STUDIO

Credit: .5

Course Number: 1345

Grade Level: 11, 12

Fees: \$15

Prerequisite: Drawing II or Design II and Art Department recommendation

This is an intensive course that addresses advanced concepts in drawing, painting, and beyond. Students will produce digital portfolios featuring slides of their original artwork in preparation for college admissions and/or competitions. Students are expected to perform at an advanced skill level while taking initiative to develop their own commitments to content and personal voice. Each student designs a concentration focused on a particular visual concern in which s/he has a compelling interest that will be explored and developed throughout the semester. A substantial amount of work is required outside of class.

## CERAMICS I

Credit: .5

Course Number: 1330

Grade Level: 10, 11, 12

Fees: \$20

Prerequisite: none

This is a basic course in working with clay, primarily concerned with coil and slab construction of traditional hand-built pot forms. Design, construction, and texturing of surfaces will be studied. Students will also work on the potter's wheel. The pieces to be fired in the kiln will be selected by the student and teacher on the basis of structure, design, craftsmanship and originality.

## CERAMICS II

Credit: .5

Course Number: 1350

Grade Level: 11, 12

Fees: \$20

Prerequisite: Ceramics I or Instructor Permission

Students will be focusing on more advanced construction methods with clay and throwing on the wheel. Students will also develop additional surface design techniques and processes to incorporate with existing or new ideas pottery. Each student will be required to participate in a fine art show outside the school.



## DESIGN I

Credit: .5  
Course Number: 1300  
Grade Level: 9, 10, 11, 12  
Fees: \$12  
Prerequisite: none

This course is an introductory art class for students wishing to take upper level art courses. Students will learn about the elements of art and how they are applied to the principles of design in organizing/creating two-dimensional works of art. Weekly art history lessons will reinforce the application of the elements of art and principles of design in studying how professional artists apply them in their work. Students will have the opportunity to experience several different medias including graphite, charcoal, painting, printmaking, and other two-dimensional techniques. Through these experiences, students will learn to recognize and appreciate the difference between good and poor design in a work of art (aesthetics) and develop skills for future art classes.

## DESIGN II

Credit: .5  
Course Number: 1303  
Grade Level: 9, 10, 11, 12  
Fees: \$20  
Prerequisite: Design I or SMS Art II

This course continues to explore the design principles through a series of visual projects that encourage innovative solutions. Principles will be applied to a variety of three-dimensional artworks in diverse formats. Course content includes art production, design application, art history, criticism, aesthetics, and studies in visual culture. Students will expand and improve artistic understanding and skills while continuing to develop their style and voice to communicate ideas.

## DIGITAL ART

Credit: .5  
Course Number: 1340  
Grade Level: 10, 11, 12  
Fees: \$5  
Prerequisite: Drawing I and Design I

This course will focus on computer-generated artwork using Photoshop and computer tablets. Students will learn how to create their own works of art as well as how to manipulate art to create new original works of art on the computer. Projects include digital drawing and digital painting. Students will maintain a digital portfolio of their artwork during this class. Each student will need to purchase a memory stick for class.

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## DRAWING I

Credit: .5  
Course Number: 1301  
Grade Level: 9, 10, 11, 12  
Fees: \$10  
Prerequisite: none

This course is designed for a novice drawer who has an interest in improving drawing skills and understanding the aesthetics of visual art. Composition, creativity, and perception will be developed. Written work and tests are among the academic requirements. Sketchbook and sketchbook assignments are required. Media: graphite, colored pencil, charcoal, ink.

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## DRAWING II

Credit: .5  
Course Number: 1308  
Grade Level: 9, 10, 11, 12  
Fees: \$10  
Prerequisite: Drawing I or two semesters of 8th Grade Art

This course encourages further development of these: composition, creativity, expression, technical skills, and color usage that were learned in Drawing I. Students will explore the media of pastels and figure drawing. Written work and sketchbook assignments are also a requirement of the course. Media: graphite, charcoal, pastel and colored pencil.

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## GRAPHIC DESIGN FUNDAMENTALS

Credit: .5  
Course Number:  
Grade Level: 9, 10, 11, 12  
Fees: none  
Prerequisite: Computer Applications

Graphic Design Fundamentals provides a basic understanding of the graphic design process. Topics include analyzing the design elements and principles, exploring industry tools, software and equipment and learning composition techniques to develop a quality product.

## GRAPHIC DESIGN I

Credit: .5

Course Number: 2540

Grade Level: 9, 10, 11, 12

Fees: none

Prerequisite: 7th/8th Grade Art or Design I

Students will use Adobe InDesign and Photoshop to create professional-quality business publications for print and electronic distribution. The students will learn how to use text, graphics, and layout tools that will allow them to create advertisements, brochures, newsletters, and other professional publications.

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## GRAPHIC DESIGN II

Credit: .5

Course Number: 2545

Grade Level: 9, 10, 11, 12

Fees: none

Prerequisite: Graphic Design I

Students will use Adobe InDesign, Photoshop, and Illustrator to create professional-quality business publications for print and electronic distribution. The students will learn how to use text, graphics, and layout tools that will allow them to use their advanced skills to create original artwork for unique and personally designed professional publications.

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## JEWELRY

Credit: .5

Course Number: 1315

Grade Level: 10, 11, 12

Fees: \$20

Prerequisite: Design I

In the course, students will learn basic jewelry techniques, and constructions in wire and fiber manipulation. Students will become familiar with the tools of the trade while creating projects and other constructions. We will rely heavily on the design principles when creating jewelry concepts so completion of one or more of the prerequisite courses is absolutely essential. Student supply list includes a bead plate, sketchbook, pencils and \$5 to spend on beads.

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## PAINTING & MIXED MEDIA

Credit: .5

Course Number: 1335

Grade Level: 10, 11, 12

Fees: \$20

Prerequisite: Design I and Drawing I

This course explores various painting techniques. Acrylic paint, watercolor and collage will be explored. Design and color theory, along with the principles of design, will

be used in creating paintings, still life, landscape, abstraction, and other subjects. Creativity and originality will be developed. Students will need to purchase additional supplies for the course.

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## PRINTMAKING I

Credit: .5

Course Number: 1310

Grade Level: 9, 10, 11, 12

Fees: \$20

Prerequisite: Design I or two semesters of 8th Grade Art

This course explores printmaking through a variety of processes that make multiples which include: reductive block, monoprint, collagraph, drypoint etching and screen printing. Students wishing to enroll, should have some experience in mixing colors and drawing. In addition to production, students will learn about the history of printmaking and critical analysis of their work and peers.

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## PRINTMAKING II

Credit: .5

Course Number: 1365

Grade Level: 9, 10, 11, 12

Fees: \$20

Prerequisite: Printmaking I

This advanced course expands on skills learned in Printmaking I pertaining to a variety of processes including: reductive block, monotype, collagraph, drypoint etching and screen printing. Students enrolled will have both required and independent projects during the course of the semester and be given the opportunity to explore in depth a specific process of their choice through research and experimentation.

## AV TECHNOLOGY AND MASS COMMUNICATION

	9	10	11	12
21st Century Journalism	x	x	x	x
Advanced Debate		x	x	x
Beginning Debate	x	x	x	x
Beginning Digital Photo: Photo Imaging	x	x	x	x
Broadcast Journalism I: Audio/Video Production Fundamentals	x	x	x	x
Broadcast Journalism II: Audio/Video Production Fundamentals		x	x	x
Clipper: Digital Media Design & Production		x	x	x
College Speech/WU				x
Digital Media Technology	x	x	x	x
Forensics	x	x	x	x
Introduction to Filmmaking		x	x	x
Media And Public Relations		x	x	x
Sports Broadcasting	x	x	x	x
Yearbook: Digital Media Design & Production			x	x

Pathways: Digital Media, Graphic Design

### 21st CENTURY JOURNALISM

Credit: .5  
Course Number: 7220  
Grade Level: 9, 10, 11, 12  
Fees: \$10  
Prerequisite: none

This course teaches students all aspects of high school print and broadcast media as a preparation for further enrollment into print or broadcast programs in future semesters. Upon completion of 21st Century Journalism, students may go into Digital Media Technology, Beginning Digital Photo, or Broadcast Journalism I.

### ADVANCED DEBATE

Credit: .5  
Course Number:  
Grade Level: 10, 11, 12  
Fees: none  
Prerequisite: Beginning Debate

Through intra-class debates and discussion, students learn research and debate techniques that will prepare them for higher levels of competition in interscholastic debate contests. Students will compete in several contests during the fall season. In this course the student learns advanced research methods and theory of debate, focusing on improving levels of competition around the state. This course is designed for advanced debaters interested in competing at the highest level.

### BEGINNING DEBATE

Credit: .5  
Course Number: 7205  
Grade Level: 9, 10, 11, 12  
Fees: none  
Prerequisite: none

Through intra-class debates and discussion, students learn research and debate techniques that will prepare them for interscholastic debate contests. Students will compete in several contests during the fall season. In this course the student learns to research and organize materials in depth on a single topic, to speak effectively under pressures of time limitations or attack, to think with originality and relevance, to develop tolerance and an open mind, and to be a good sport. This course is designed for novice or beginning debaters with emphasis on the basics of how to debate.

### BEGINNING DIGITAL PHOTO: PHOTO IMAGING

Credit: .5  
Course Number: 7230  
Grade Level: 9, 10, 11, 12  
Fees: \$10  
Prerequisite: none

Designed for students wishing to gain the basic knowledge and techniques of photography. This introduction course will focus on using photo-based image-making for storytelling, communication, and creative expression. The course will also examine the historical and technological development of digital photography. Students will learn the technical aspects of shooting with a DSLR (digital single lens reflex camera) and computer technologies to develop a portfolio.

### BROADCAST JOURNALISM I: AUDIO/VIDEO PRODUCTION FUNDAMENTALS

Credit: .5  
Course Number: 7250  
Grade Level: 9, 10, 11, 12  
Fees: \$10  
Prerequisite: 21st Century Journalism and Advisor Consent

If you would like to explore some of the possibilities available in television, radio, and computers—this class is for you. During the course students will be expected to develop and produce a variety of media presentations on assigned subjects. These projects could include a daily television program and other projects including public service announcements, commercials, and news stories.

## **BROADCAST JOURNALISM II: AUDIO/VIDEO**

### **PRODUCTION FUNDAMENTALS**

Credit: .5

Course Number: 7255

Grade Level: 10, 11, 12

Fees: \$10

Prerequisite: Broadcast Journalism I and Advisor Consent

This course is a continuation of Broadcast Journalism. During this course students will be expected to develop and produce a variety of media presentations on assigned subjects, meet deadlines, and help in the production of a weekly broadcasted show. These projects will be produced for local television, local cable, and other broadcast-based media outlets.

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### **CLIPPER: DIGITAL MEDIA DESIGN & PRODUCTION**

Credit: 1

Course Number: 7245

Grade Level: 10, 11, 12

Fees: \$10

Prerequisite: 21st Century Journalism and Digital Media and Advisor Consent

This class acts as a workshop in journalism with a student staff whose sole purpose is to produce the Clipper, the high school's newspaper. The staff plans, writes, and edits stories for the Clipper. They also lay out the pages, write headlines, take photographs, sell advertising and keep the books and business records related to the production of the paper. They also create the content for seamannews.com, the school website.

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### **COLLEGE SPEECH/WU**

Credit: .5

Course Number: 19005

Grade Level: 12

Fees: will be assessed by the participating college/university

Prerequisite: 3.0 cumulative GPA

This course is for college credit. This course provides the opportunity to speak on a variety of platforms, and provides instruction and experience on how to prepare for, organize, and deliver an effective speech in a variety of different contexts. Interpersonal communication is emphasized. In addition, training in listening and evaluation of communication are also studied.

## **DIGITAL MEDIA TECHNOLOGY**

Credit: .5

Course Number: 7225

Grade Level: 9, 10, 11, 12

Fees: none

Prerequisite: 21st Century Journalism

This course prepares students for work on Clipper or Yearbook in upcoming semesters. Students will also help update the seamannews.com website. Expect a wide range of projects in writing and design. Students will continue the portfolio begun in 21st Century Journalism.

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### **FORENSICS**

Credit: .5

Course Number: 7304

Grade Level: 9, 10, 11, 12

Fees: \$10

Prerequisite: none

Through in-class performances, students will learn speaking and acting skills. These skills will be perfected in class to performance level; then, used in competition in interscholastic speech contests. Students will compete in several of the events offered at contests during the spring season. There are ten major areas of competition: Persuasive speaking, Informative speaking, Duet acting, Dramatic interpretation, Humorous interpretation, Extemporaneous speaking, Interpretation of prose and poetry, Lincoln/Douglas debate, and Student Congress.

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### **INTRODUCTION TO FILMMAKING**

Credit: .5

Course Number: 7350

Grade Level: 10, 11, 12

Fees: \$10

Prerequisite: Broadcast Journalism I and Advisor Consent

Students will learn all aspects of filmmaking, including writing, producing, directing, lighting, shooting, and editing. This will be achieved through analysis of feature films, lectures, critiquing the work of other filmmakers, and hands-on production. Students will become part of a production team to create a film.

## **MEDIA AND PUBLIC RELATIONS**

Credit: .5

Course Number: 7260

Grade Level: 10, 11, 12

Fees: \$10

Prerequisite: 21st Century Journalism

This course will build skills needed to communicate messages to the public as it relates to topics of concern involving school and public administration. Topics will include conflict awareness, reliability of sources, creating publicity materials, public relations campaigns and working with the media.

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## **SPORTS BROADCASTING**

Credit: .5

Course Number: 7265

Grade Level: 9, 10, 11, 12

Fees: \$10

Prerequisite: 21st Century Journalism

This course trains students to produce live sports broadcasts, sports studio shows, and sports stories. Students work behind and in front of the camera, in production and on-air roles, which include: play-by-play announcer, color analyst, sideline reporter, and studio show host and analyst. Students do background research and conduct interviews to identify storylines. They research, report, shoot and edit video profiles and enterprise stories. They also study the history of sports broadcasting and sports media partnerships and analyze industry trends.

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## **YEARBOOK: DIGITAL MEDIA DESIGN &**

### **PRODUCTION**

Credit: 1

Course Number: 7240

Grade Level: 11, 12

Fees: \$10

Prerequisite: 21st Century Journalism and Digital Media and Advisor Consent

Classes will meet until the yearbook is completed. This may require work after commencement. The students will plan, organize, and prepare the Seaman yearbook. Those enrolled will write copy and headlines, sell ads, plan layouts, and take pictures.

## BUSINESS

	9	10	11	12
21st Century Personal Finance		x	x	x
21st Century Technology Communications	x	x	x	x
Accounting I		x	x	x
Advanced Placement PLTW Computer Science Principles		x	x	x
Animation		x	x	x
Business Economics			x	x
Business Law I		x	x	x
Business Law II			x	x
Business Management		x	x	x
Computer Applications I	x	x	x	x
Computer Applications II	x	x	x	x
Computer Programming Other Language		x	x	x
Computerized Accounting II			x	x
Computerized Accounting III			x	x
Entrepreneurship I		x	x	x
Entrepreneurship II		x	x	x
Introduction to Business	x	x	x	x
Investing			x	x
Marketing: Sports & Entertainment		x	x	x
Money And Banking			x	x
PLTW Computer Science Principles		x	x	x
PLTW Cybersecurity		x	x	x
Principles of Marketing		x	x	x
Success 101	x			
Web Page Design		x	x	x

Pathways: Digital Media, Management & Entrepreneurship; Business Finance; Government & Public Administration; Hospitality & Tourism; Corrections, Security, Law, and Law Enforcement Services

### 21st CENTURY PERSONAL FINANCE

Credit: .5  
Course Number: 2530  
Grade Level: 10, 11, 12  
Fees: \$3  
Prerequisite: none

The course content introduces students to information on basic money management, financial security, credit management, insurance, and consumer rights and responsibilities. Topics include: pay benefits, taxes, budgets, banking, saving, investing (stocks, bonds), real estate, retirement, credit, personal decision making, buying a home and car, risk management, and health and life insurance.

### 21st CENTURY TECHNOLOGY COMMUNICATIONS

Credit: .5  
Course Number: 2670  
Grade Level: 9, 10, 11, 12  
Fees: none  
Prerequisite: none

Communication has advanced and changed in many ways over the years. Come explore this class to truly understand how to use blogs, social networking sites, podcasts, and utilize many more tools on the Internet to communicate with the world around us. Students will also learn some of the basics of communication in print through desktop publishing and Web design. Internet access at home or outside of school is highly recommended.

### ACCOUNTING I

Credit: 1  
Course Number: 2506  
Grade Level: 10, 11, 12  
Fees: \$5  
Prerequisite: none

This accounting course is designed to prepare students for analyzing finances from a business perspective. Each student will be well-prepared for a future in the business field as well as a broad range of careers. Accounting is the language of business and is required for all business students at the college level whether you major or minor in business. This course is the first of three courses in a sequence and covers the foundational principles of accounting and use of a 10-key machine and keypad. Throughout the course of the school year, students will complete coursework using paper workbooks. They will also be introduced to how accounting can be processed using a computer (Quickbooks and Excel).

### ADVANCED PLACEMENT PLTW COMPUTER

#### SCIENCE PRINCIPLES

Course Number: 2682  
Credit: 1  
Grade Level: 10, 11, 12  
Fees: AP exam fee (Optional)  
Prerequisite: none

Throughout the Computer Science Principles (CSP) course, students will explore computational thinking and build programming skills using Python. Students will gain an understanding of programming through hands-on activities, projects, and problems that are reflective of real-world challenges. Topics such as creativity, the Internet of Things, data science, and technology of the future will all be explored. Upon completion of this



course, you will be ready to take the AP Computer Science Principles exam and depending on your score you may be able to earn college credit for this course. This course is a weighted grade and does align with the Information Technology Pathway.

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### **ANIMATION**

Credit: 1  
Course Number: 2635  
Grade Level: 10, 11, 12  
Fees: none  
Prerequisite: Graphic Design I

This course emphasizes the development of digitally generated and/or computer-enhanced media, including 2D and 3D spatial elements, graphic representation, management of movement, environmental representation [including texture, color, value, form, line, and space], recording media, and distribution tools and methodologies.

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### **BUSINESS ECONOMICS**

Credit: .5  
Course Number: 2519  
Grade Level: 11, 12  
Fees: none  
Prerequisite: none

This course will examine the choice process from an individual viewpoint. The student will make informed and relevant choices in the marketplace, the voting booth, and in social life decisions. Also, the students will study Microeconomics, which explains the choices made by the individual consumer and producers in the marketplace and Macroeconomics, which explains the choices made by the whole economy.

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### **BUSINESS LAW I**

Credit: .5  
Course Number: 2303  
Grade Level: 10, 11, 12  
Fees: none  
Prerequisite: none

This course exposes the student to his/her legal rights as well as legal responsibilities and is offered to make students aware of the laws that govern their business and private lives. Topics include introduction to general law, ethics, crimes, torts, law for the minor, law for the consumer, law for families, and contract law.

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### **BUSINESS LAW II**

Credit: .5  
Course Number: 2304  
Grade Level: 11, 12  
Fees: none  
Prerequisite: Business Law I

This course is a continuation of Business Law I. The students will be exposed to the legalities of buying and selling goods, using credit, employment contracts, insurance, and the uses of property. This is a good class to develop an understanding of the laws that govern business and private lives.

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### **BUSINESS MANAGEMENT**

Credit: .5  
Course Number: 2430  
Grade Level: 10, 11, 12  
Fees: none  
Prerequisite: Intro to Business

This course will expose students to the principles of management, from the basic concepts of management, the levels of management, functions of management, management styles and leadership. An understanding of how managers implement those concepts within the various operations of a business, i.e. ethics, economic, international, ownership types, legal, information technology, data analysis, financial risk, production, marketing, human relations, and organizational development.

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### **COMPUTER APPLICATIONS I**

Credit: .5  
Course Number: 2550  
Grade Level: 9, 10, 11, 12  
Fees: none  
Prerequisite: none

Students will learn to use software applications that consist of: Word Processing, Spreadsheets and Presentation Software. Students will create documents that will not only benefit them in class, but will also be applicable to other classes throughout high school. The main areas of word processing will be on Microsoft Word, Apple Pages and Google Docs. The next unit in the course will focus on Microsoft Excel, Apple Numbers, and Google Sheets. Students will also be introduced to project-based learning and will choose a computer application project to complete.

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## COMPUTER APPLICATIONS II

Credit: .5  
Course Number: 2560  
Grade Level: 9, 10, 11, 12  
Fees: none  
Prerequisite: Computer Applications I

Get your computer skills ready for college. Computer Applications II continues where Computer Applications I left off. Students will be working in Word, Excel, and Presentation Software to further develop their abilities in each program. Students will also be given hands-on projects that will integrate the programs and utilize advanced features in each program. We will also incorporate presentations using PowerPoint and Slides, Photoshop and internet search techniques along with being introduced to database management.

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## COMPUTER PROGRAMMING OTHER LANGUAGE

Credit: 1  
Course Number:  
Grade Level: 10, 11, 12  
Fees: none  
Prerequisite: none

This course provides students with the knowledge and skills necessary to construct computer programs in one or more languages. Computer coding and program structure are often introduced with the BASIC language, but other computer languages, such as Visual Basic (VB), Java, Pascal, C++, and COBOL, may be used instead. Initially, students learn to structure, create, document, and debug computer programs, and as they progress, more emphasis is placed on design, style, clarity, and efficiency.

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## COMPUTERIZED ACCOUNTING II

Credit: .5  
Course Number: 2601  
Grade Level: 11, 12  
Fees: none  
Prerequisite: Accounting I

This course gives students practical experience in using Excel and Quickbooks for realistic accounting problems. The accounting problems will be completed on computers. Students will receive hands-on experience with automated concepts and procedures found in computerized accounting environments.

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## COMPUTERIZED ACCOUNTING III

Credit: .5  
Course Number: 2605  
Grade Level: 11, 12  
Fees: none  
Prerequisite: Computerized Accounting II

This course is designed for students who wish to expand their accounting skills utilizing Excel and Quickbooks. Students will receive hands-on experience using this computerized accounting program.

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## ENTREPRENEURSHIP I

Credit: .5  
Course Number: 2522  
Grade Level: 10, 11, 12  
Fees: \$5  
Prerequisite: none

This course emphasizes the major issues confronting entrepreneurs and those in small business. It provides guidance regarding the legal considerations of which entrepreneurs should be aware when launching a new enterprise. It serves as a source of reference to those who either aspire or are currently active in the entrepreneurial world.

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## ENTREPRENEURSHIP II

Credit: .5  
Course Number: 2690  
Grade Level: 10, 11, 12  
Fees: Highland Community College Course Fee  
Prerequisite: Passed Entrepreneurship I with a 70% or greater

This course will provide a study of the basic entrepreneurial process. The course will cover opportunity recognition, entry strategies, market opportunities and marketing, creation of a successful business plan, financial projections, venture capital, debt and other forms of financing, external assistance for startups and small business, legal and tax issues, intellectual property, franchising, and entrepreneurship economics.

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## **INTRODUCTION TO BUSINESS**

Credit: .5  
Course Number: 2105  
Grade Level: 9, 10, 11, 12  
Fees: none  
Prerequisite: none

This course is designed for the very first business class that most students will take. The students will be introduced to finance, marketing, economics, production, and management in a survey-like approach to business operations. The student will explore social responsibility, ethics, basic economics, career planning, decision-making, and technology.

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## **INVESTING**

Credit: .5  
Course Number: 2675  
Grade Level: 11, 12  
Fees: none  
Prerequisite: 21st Century Personal Finance

This course will allow students to make business and individual investment decisions by comparing and contrasting the investment qualities of cash, stock, bonds, and mutual funds. Students will review annual reports, predict growth rates, and analyze trends. Students will hone their investing skills by participating in a Stock Market Simulation and other activities.

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## **MARKETING: SPORTS & ENTERTAINMENT**

Credit: .5  
Course Number: 2306  
Grade Level: 10, 11, 12  
Fees: none  
Prerequisite: none

This course presents the principles and concepts of marketing as related to the sports and entertainment industry. Such concepts as product, industry, advertising, pricing, selling, promotion, information management and marketing related careers are presented. This is an excellent class to gain an understanding of practical business experiences.

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## **MONEY AND BANKING (IHT)**

Credit: 1  
Course Number: 2520  
Grade Level: 11, 12  
Fees: none  
Prerequisite: By application and interview

To enroll in this class the student must apply and have the consent of the business department faculty. All bank procedures include cashiering, bookkeeping,

spreadsheet, database, word processing, calendaring, scheduling of appointments, Internet usage, and Web page. This is the in-house training for the business program.

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## **PLTW COMPUTER SCIENCE PRINCIPLES**

Credit: 1  
Course Number: 2680  
Grade Level: 10, 11, 12  
Fees: none  
Prerequisite: none

Throughout the Computer Science Principles (CSP) course, students will explore computational thinking and build programming skills using Python. Students will gain an understanding of programming through hands-on activities, projects, and problems that are reflective of real-world challenges. Topics such as creativity, the Internet of Things, data science, and technology of the future will all be explored. This course prepares students to take the AP Computer Science Principles exam if they choose to do so on their own. If you would like to take the AP exam through SHS see Advanced Placement Pltw Computer Science Principles.

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## **PLTW CYBERSECURITY**

Credit: 1  
Course Number: 2695  
Grade Level: 10, 11, 12  
Fees: none  
Prerequisite: Computer Science Principles

Cybersecurity introduces the tools and concepts of cybersecurity and encourages students to create solutions that allow people to share computing resources while protecting privacy. Nationally, computational resources are vulnerable and frequently attacked; in Cybersecurity, students solve problems by understanding and closing these vulnerabilities. This course raises students' knowledge of and commitment to ethical computing behavior. It also aims to develop students' skills as consumers, friends, citizens, and employees who can effectively contribute to communities with a dependable cyber-infrastructure that moves and processes information safely.

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## **PRINCIPLES OF MARKETING**

Credit: 1  
Course Number: 2345  
Grade Level: 10, 11, 12  
Fees: none  
Prerequisite: Intro to Business

This year-long course presents the principles and concepts of marketing. Such concepts as social responsibility, economics, information management,

customers, competition, social media and E-commerce, product, industry, distribution, pricing, advertising, selling, promotion, risk management, finance, management, and marketing related careers will be covered.

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### **SUCCESS 101**

Credit: .5

Course Number: 5200

Grade Level: 9 (Graduation requirement – if not completed during freshman year it must be taken before graduation.)

Fees: \$10

Prerequisite: none

This course has been strategically placed at the ninth grade level. It will allow students to identify their possible career interests, research those interests, possibly take part in a mentorship in one of those areas, and end the year with an online 10-year plan. This plan will take a student six years beyond high school, including both the training, schooling, or college needed in that career as well as the potential salary, job placement opportunities, etc. One of the goals of this course is to help students make very deliberate choices in support of that career plan for the last three years of their high school education. The students will be asked to complete 10 hours of community service during this course.

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### **WEB PAGE DESIGN**

Credit: 1

Course Number:

Grade Level: 10, 11, 12

Fees: none

Prerequisite: none

Web Page Design courses teach students how to design web sites by introducing them to and refining their knowledge of site planning, page layout, graphic design, and the use of markup languages—such as Extensible Hypertext Markup, JavaScript, Dynamic HTML, and Document Object Model—to develop and maintain a web page.

## FAMILY AND CONSUMER SCIENCE

	9	10	11	12
Career & Community Connections				X
Culinary Applications			X	X
Culinary Arts I		X	X	X
Culinary Essentials	X	X	X	X
Essentials of FAID	X	X	X	X
Family Studies	X	X	X	X
Foundations to Early Childhood Development		X	X	X
Home Interiors	X	X	X	X
Human Development	X	X	X	X
Leadership I		X	X	X
Leadership II		X	X	X
Nutrition & Fitness		X	X	X
Textile & Apparel	X	X	X	X

Pathways: Early Childhood Development & Services; Family, Community and Consumer Services; Restaurant and Event Management; Teaching/Training; Health Science

### CAREER & COMMUNITY CONNECTIONS

Credit: .5  
Course Number: 5560  
Grade Level: 12  
Fees: none  
Prerequisite: Nutrition & Fitness, Human Development, 21st Century Personal Finance, Success 101

Are you interested in a career in Human Services? This career could range from being a chef, dietitian, nutritionist, social worker, counselor and beyond. Do you want to get a behind-the-scenes look at your future career and receive hands-on training? If so, this class is for you. Throughout the semester you will develop a portfolio with your resume and learn skills that will help you in your profession.

### CULINARY APPLICATIONS

Credit: 1  
Course Number:  
Grade Level: 11,12  
Fees: \$60  
Prerequisite: Culinary Arts

This class is designed for students who are interested in a career in the restaurant and/or food service industry and will gain experience with industry based standards and current trends in today's markets. Students will analyze careers and work qualities within the food production and food service industry, and gain professional experience working in food preparation

methods and techniques to produce food products that meet customer needs.

### CULINARY ARTS I

Credit: 1  
Course Number: 5355  
Grade Level: 10, 11, 12  
Fees: \$30 per semester; \$60 per year  
Prerequisite: Culinary Essentials

This course integrates the knowledge, skills and practices required for careers in the restaurant industry. Topics include the sources, symptoms and prevention measures for common food illnesses, meal management, correct use of food production equipment and production and facility management principles. Students will also begin to develop culinary skills for a variety of food products.

### CULINARY ESSENTIALS

Credit: .5  
Course Number: 5330  
Grade Level: 9, 10, 11, 12  
Fees: \$28  
Prerequisite: Introduction to Family & Consumer Science

This course is designed for the student who is interested in pursuing a degree in Culinary Arts or Restaurant & Event Management. Students will learn basic food preparation skills and gain a better understanding of food production systems and food safety and sanitation. In addition, students will practice appropriate skills in the classroom and work life situations to enhance career readiness, and they will examine principles of food production management by applying effective mise en place practices and general rules of table settings and service.

### ESSENTIALS OF FAID

Credit: .5  
Course Number:  
Grade Level: 10, 11, 12  
Fees: \$20  
Prerequisite: Drafting, Drawing I or Design I

This course is ideal for aspiring designers, entrepreneurs, and anyone with a passion for fashion, apparel, or interior design. The student will analyze merchandising and entrepreneurship in fashion, apparel and interior design applications. By the end of the course, students will have the knowledge and skills to excel in these exciting and ever-evolving fields, as well as the confidence to pursue their own creative ventures.

## **FAMILY STUDIES**

Credit: .5  
Course Number:  
Grade Level: 9, 10, 11, 12  
Fees:  
Prerequisite: none

This course provides students with the ability to develop intrapersonal, interpersonal and cognitive competencies in personal, family and community settings. Students will analyze the impact of conditions that could influence the well-being of individuals, families and communities. Human services related career opportunities are incorporated throughout the course.

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## **FOUNDATIONS TO EARLY CHILDHOOD DEVELOPMENT**

Credit: 1  
Course Number: 5340  
Grade Level: 10, 11, 12  
Fees: none  
Prerequisite: Human Development

This is a year-long course exploring and examining the scope of early childhood education. This course will examine career paths within early childhood education; apply developmentally appropriate practices in early childhood education; analyze curriculum and instruction to meet children's developmental needs develop skills needed to ensure a safe and healthy learning environment for children; and enhance career readiness through practicing appropriate skills in early childhood development and services applications

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## **HOME INTERIORS**

Credit: .5  
Course Number: 5306  
Grade Level: 9, 10, 11, 12  
Fees: \$8  
Prerequisite: none

This class is designed to introduce the student to the following areas in interior design: color schemes, furniture arrangement, floor, wall and window treatments and floor plan development for housing design. The majority of class time is spent on drawing and designing home interior projects. Students will demonstrate use of elements and principles of design, use concepts of space planning, and utilize knowledge to design a basic housing unit.

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## **HUMAN DEVELOPMENT**

Credit: .5  
Course Number: 5320  
Grade Level: 9, 10, 11, 12  
Fees: \$3  
Prerequisite: none

This course will allow students to explore how humans grow and develop throughout the life cycle including: physically, social-emotionally, and intellectually. Issues regarding birth control, STIs, birth defects, health, safety, careers and teaching children including hands-on experiences will also be explored.

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## **LEADERSHIP I**

Credit: .5  
Course Number: 12315  
Grade Level: 10, 11, 12  
Fees: none  
Prerequisite: none

The leadership course is designed to help students to develop the knowledge and skills needed to be an effective leader. Throughout this course qualities, skills, and theories of leadership will all be examined. Students will not only explore the qualities of a leader, but also identify their leadership skills and implement their skills by developing community projects. Students will be expected to complete community service hours on their own, along with going out and serving the community in class. Book studies, guest speakers, papers and projects will all be used to help students grow in their journey to become a leader.

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## **LEADERSHIP II**

Credit: .5  
Course Number: 12325  
Grade Level: 10, 11, 12  
Fees: none  
Prerequisite: Leadership I

Leadership II is the advanced course of the Leadership courses. Students will fine-tune their leadership skills from Leadership, while taking on more responsibility. Students will be expected to complete community service hours on their own, along with doing individualized projects that serve the district and community. Research projects, papers, guest speakers, and projects will be used to help students become even stronger leaders.

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## **NUTRITION & FITNESS**

Credit: .5

Course Number: 5307

Grade Level: 10, 11, 12

Fees: \$28

Prerequisite: none

This course is designed for the student who wants to learn to cook and gain knowledge about nutritional issues at the same time. Nutrition is stressed throughout the course as it relates to personal fitness, healthy lifestyles and wellness. Cooking labs include healthy breakfasts, snacks, main dish foods, breads, and desserts. Also, food and drink appropriate for the athlete will also be prepared and discussed.

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## **TEXTILE & APPAREL**

Credit: .5

Course Number: 5305

Grade Level: 9, 10, 11, 12

Fees: \$28

Prerequisite: none

This course is designed to introduce sewing construction. In this class students will make two projects. Students will learn sewing techniques and how to use sewing equipment. Specialty fashions, sewing accessories, and activewear are among items constructed. The course is uniquely designed to satisfy individual skills and taste with their own personal projects. A fee will be charged for project material used in the first part of the class. Students will need to pay for one additional project.

# INDUSTRIAL TECHNOLOGY

	9	10	11	12
Advanced Materials Technology			x	x
Architecture/Construction Science			x	x
Carpentry I	x	x	x	x
Drafting	x	x	x	x
Drafting/CAD		x	x	x
Engineering Robotics	x	x	x	x
Furniture and Cabinetry Fabrication		x	x	x
Introduction to Industrial Technology	x	x	x	x
Introduction to Welding	x	x	x	x
Introduction to Robotics	x	x	x	x
PLTW Introduction to Engineering Design		x	x	x
PLTW Engineering Design and Development			x	x
PLTW Principles of Engineering			x	x
Welding Processes I	x	x	x	x
Welding Processes II		x	x	x
Woodworking Principles	x	x	x	x
Work Experience in Manufacturing - Comprehensive			x	x

Pathways: Construction & Design; Management & Entrepreneurship; Engineering & Applied Mathematics; Manufacturing

## ADVANCED MATERIALS TECHNOLOGY P

Credit: 1  
Course Number:  
Grade Level: 11, 12  
Fees: \$25  
Prerequisite: Furniture and Cabinetry Fabrication

A progressive application-level course furthering the study of CNC equipment, composite panel products, veneering, and the processes involved with fabricating goods with these technologies.

## ARCHITECTURE/CONSTRUCTION SCIENCE P

Credit: 1  
Course Number: 6500  
Grade Level: 11, 12  
Fees: none  
Prerequisite: Drafting/CAD or Teacher Permission

Architectural Drafting/Construction Science is a combination technical drawing class and a residential construction class. This class is recommended for students with a career goal of architect, engineer, construction science major, or contractor. The student will be introduced to residential construction principles, materials and processes common to modern house construction. Students will learn these concepts through a "hands-on" opportunity made possible through a partnership between our program and Topeka Habitat for Humanity. Community service points are a possibility

through this class. The student is challenged to use construction and design principles to develop a set of plans based on what is learned in the construction phase of this course. This class involves drawing, model making, hands-on activities in construction, people skills, team-work, intense work ethic and drawing and problem solving with computer aided drafting. The student can expect to work hard in this class and at times be subjected to uncomfortable weather conditions such as rain and cold.

## CARPENTRY I P

Credit: 1  
Course Number:  
Grade Level: 9, 10, 11, 12  
Fees: \$25  
Prerequisite: Intro to Industrial Technology

A comprehensive course designed to instruct students in the basic knowledge and skills required for the construction of residential structures.

## DRAFTING P

Credit: 1  
Course Number: 6300  
Grade Level: 9, 10, 11, 12  
Fees: \$10  
Prerequisite: none

An introductory course designed to expose students to both architectural and mechanical (technical) drafting skills. Drafting gives the student an opportunity to form a solid base in understanding, reading, and developing drawings used in industry.

## DRAFTING/CAD P

Credit: 1  
Course Number: 6550  
Grade Level: 10, 11, 12  
Fees: \$10  
Prerequisite: Drafting

A comprehensive course designed to instruct students in the use of CAD design and software.



## **ENGINEERING ROBOTICS**

Credit: 1

Course Number: 11385

Grade Level: 9, 10, 11, 12

Fees: \$20

Prerequisite: 8th Grade Robotics or Introduction to Robotics

Is a high school level course that is suitable for High School students who are interested in the engineering, design, and programming of robots or other advanced careers.

A Problem/Project based course in which the students will learn the skills needed to design, build, and program a mobile robot to play a sport-like game. During this process they will learn key STEM principles, and robotics concepts. As the culmination of this class, they will compete head-to-head against their peers in the classroom, and on the world stage in the VEX Robotics Competition, the largest and fastest growing international robotics competition for middle and high school students. Student participation in VRC tournaments are required.

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## **INTRODUCTION TO INDUSTRIAL TECHNOLOGY**

Credit: .5

Course Number: 6200

Grade Level: 9, 10, 11, 12

Fees: \$10

Prerequisite: none

A comprehensive course designed to instruct students in the basic knowledge and skills required for cabinetmaking and furniture design.

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## **INTRODUCTION TO WELDING**

Credit: .5

Course Number:

Grade Level: 9, 10, 11, 12

Fees: \$25

Prerequisite: none

An introductory level course designed to instruct students in basic welding skills and welding safety.

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## **FURNITURE AND CABINETRY FABRICATION**

Credit: 1

Course Number: 6310

Grade Level: 10, 11, 12

Fees: \$25

Prerequisite: Woodworking Principles

An upper level course, which focuses on technical industrial processes. Products will be client originated

which will be used as a source to develop a manufacturing sequence. The sequence will start with technical drawings and include all processes, which will be necessary to produce a finished product.

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## **INTRODUCTION TO ROBOTICS**

Credit: .5

Course Number: 11390

Grade Level: 9, 10, 11, 12

Fees: \$20

Prerequisite: none

Introduction to Robotics explores the Vex V5 STEM curriculum for students who might be interested in Robotics. Students will also explore hands on projects using the Arduino UNO R3 and learn to code using the Python programming language

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## **PLTW INTRODUCTION TO ENGINEERING DESIGN**



Credit: 1

Course Number: 11360

Grade Level: 10, 11, 12

Fees: none

Prerequisite: none

Students identify a real-world challenge and then research, design, and test a solution, ultimately presenting their unique solutions to a panel of engineers. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and use an engineering notebook to document their work.

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## **PLTW ENGINEERING DESIGN AND DEVELOPMENT**



Credit: 1

Course Number: 11380

Grade Level: 11, 12

Fees: none

Prerequisite: Introduction to Engineering and Principles of Engineering

The knowledge and skills students acquire throughout PLTW Engineering come together in Engineering Design and Development as they identify an issue and then research, design, and test a solution, ultimately presenting their solution to a panel of engineers. Students apply the professional skills they have developed to document a design process to standards, completing Engineering Design and Development ready to take on any post-secondary program or career.

## **PLTW PRINCIPLES OF ENGINEERING**

Credit: 1

Course Number: 11375

Grade Level: 11, 12

Fees: none

Prerequisite: Concurrent enrollment in Math III, completion of Introduction to Engineering Design recommended

This course is a foundation course of the high school engineering pathway. This survey course exposes students to some of the major concepts that they will encounter in a postsecondary engineering course of study. Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of materials and structures, automation, and kinematics. The course applies and concurrently develops secondary level knowledge and skills in mathematics, science and technology.

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## **WELDING PROCESSES I**

Credit: 1

Course Number: 6304

Grade Level: 9, 10, 11, 12

Fees: \$25

Prerequisite: none

A technical level course designed to instruct students in the knowledge and skills needed to perform welding procedures. During this course, students will learn about welding and shop safety and how to set up equipment properly. They will weld with three different welding processes. SMAW, GMAW, and GTAW. Students will also learn about the different nondestructive testing methods, welding symbols and how to read them on drawings. Students will also learn about the different physical and chemical properties of metals and how it impacts welding.

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## **WELDING PROCESSES II**

Credit: 1

Course Number: 6305

Grade Level: 10, 11, 12

Fees: \$25

Prerequisite: Welding Processes I

An advanced application level course that builds on skills learned in Welding Processes I and provides opportunities for applying welding skills.

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## **WOODWORKING PRINCIPLES**

Credit: 1

Course Number: 6302

Grade Level: 9, 10, 11, 12

Fees: \$25

Prerequisite: Introduction to Industrial Technology

A comprehensive course designed to instruct students in the basic knowledge and skills required for cabinetmaking and furniture design.

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## **WORK EXPERIENCE IN MANUFACTURING - COMPREHENSIVE**

Credit: 1

Course Number: 6312

Grade Level: 11, 12

Fees: none

Prerequisite: Welding Processes II

An advanced research and application level course covering specific topics in manufacturing. Includes opportunities for work-based learning such as in-house training, job shadowing, and/or internships.

## LANGUAGE ARTS

	9	10	11	12
Advancing Acting	x	x	x	x
Advanced Placement English Language and Composition			x	x
Advanced Placement English Literature and Composition			x	x
Advanced Placement: Research			x	x
Advanced Placement Seminar: English 10		x		
Advanced Technical Theater		x	x	x
Beginning Acting & Improvisation	x	x	x	x
Beginning Speech & Drama	x	x	x	x
British Literature				x
College Intro To Literature/WU				x
College Prep Composition				x
Creative Writing I		x	x	x
Creative Writing II		x	x	x
Exploring Communication	x	x	x	x
Freshman Honors Language Arts	x			
Freshman Language Arts	x			
Intermediate College Writing/WU				x
Introduction to Theater	x	x	x	x
Introductory College Writing/WU			x	x
Junior Honors Language Arts			x	
Junior Language Arts- Modern Literature			x	
Media as Literature: An Exploration Of Film, Music, TV, Video Games and More				x
Playwriting/Directing For Theater			x	x
Reading Strategies	x	x		
Seaman Players	x	x	x	x
Senior World Literature				x
Sophomore Honors Language Arts		x		
Sophomore Language Arts		x		
Technical Theatre Design	x	x	x	x
Technical Writing				x
Workplace Reading Essentials				x

### ADVANCING ACTING

Credit: .5

Course Number: 7301

Grade Level: 9, 10, 11, 12

Fees: none

Prerequisite: Introduction to Theatre or Teacher Permission

This class is geared to help those who are seriously interested in developing acting abilities. Units include characterization, stage movement, vocal production, and improvisation. The students will perform a minimum of two duets, two monologues, and one one-act play. The one act will be performed for an audience on the main stage.

### ADVANCED PLACEMENT ENGLISH LANGUAGE AND COMPOSITION

Credit: 1

Course Number: 7410

Grade Level: 11,12

Fees: AP exam fee (optional)

Prerequisite: Sophomore Language Arts

AP English Language and Composition cultivates students' reading and writing skills and prepares them not only for college but also for intellectually responsible civic engagement. The reading and writing students do in the course should deepen and expand their understanding of how written language functions rhetorically: to communicate writers' intentions and elicit readers' responses in particular situations. Students will learn to be curious, critical, responsive readers and flexible, reflective writers.

This class culminates in taking the College Board administered exam. Depending on the score on this exam and the college attending, the student may earn 3-6 college credit hours.

### ADVANCED PLACEMENT ENGLISH LITERATURE AND COMPOSITION

Credit: 1

Course Number: 7600

Grade Level: 11, 12

Fees: AP exam fee (optional)

Prerequisite: Sophomore Language Arts

The AP English Literature and Composition course focuses on reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. Students engage in close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, and symbolism. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. (Source: The Advanced Placement Program. New York: The College Board, 2019.)

This class culminates in taking the College Board administered exam. Depending on the score on this exam and the college attending, the student may earn 3-6 college credit hours.

## ADVANCED PLACEMENT: RESEARCH

Credit: 1  
Course Number:  
Grade Level: 11,12  
Fees: AP exam fee (optional)  
Prerequisite: AP Seminar

Deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students will design, plan, and conduct a year-long research based investigation to address a research question. AP Research is an interdisciplinary course that encourages students to demonstrate critical thinking and academic research skills on a topic of the student's choosing. To accommodate the wide range of student topics, typical college course equivalents include introductory research or general elective courses.

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## ADVANCED PLACEMENT SEMINAR: ENGLISH 10



Credit: 1  
Course Number:  
Grade Level: 10  
Fees: AP exam fee (optional)  
Prerequisite: Freshman Language Arts

Available to all 10th grade students, AP Seminar: English 10 focuses on developing critical thinking, analytic writing, collaboration, and academic research skills. Through a project-based learning model, students will investigate topics, conduct research, and work in teams to investigate a real-world problem and present an argument for their proposed solution. Students will have the option to complete the AP exam at the end of the year.

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## ADVANCED TECHNICAL THEATER

Credit: 1  
Course Number: 7501  
Grade Level: 10, 11, 12  
Fees: none  
Prerequisite: Introduction to Theatre

Admission to this course is based on an application and possibly an interview. Applications may be obtained from the instructor three weeks before the end of the preceding semester. Applicants will be notified one week prior to enrollment of acceptance. Students in this class are required to be at all technical rehearsals three weeks prior to production dates as well as the nights of each show, as this class becomes the stage crew for all live productions at Seaman High School.

## BEGINNING ACTING & IMPROVISATION

Credit: .5  
Course Number: 7705  
Grade Level: 9, 10, 11, 12  
Fees: none  
Prerequisite: Introduction to Theatre

This course is for the student who is interested in performing comedy and improvisation. Basics of characterization, physical humor, vocal dialects, comedic set ups, audience participation, conflict and resolution of scene work. This course is highly recommended as a prerequisite for students who are interested in auditioning for SEAMAN PLAYERS, as well as the fall play and musical.

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## BEGINNING SPEECH & DRAMA

Credit: .5  
Course Number: 7303  
Grade Level: 9, 10, 11, 12  
Fees: none  
Prerequisite: none

The aim of this course is to help a student communicate his/her ideas and opinions to others in a direct, forceful and well-reasoned manner. Students will learn aspects of both public speaking and drama. The emphasis within public speaking units is overcoming fear of speaking and on principles of good speech. Students will apply these principles in various speaking assignments. The emphasis within drama units is understanding basic elements of acting and technical aspects of theater. Students will apply these elements and aspects into theater based projects.

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## BRITISH LITERATURE

Credit: .5  
Course Number: 7611  
Grade Level: 12  
Fees: none  
Prerequisite: Junior Language Arts

This course is designed to prepare students for reading college-level literature. Students will survey the evolution of British Literature from the Anglo-Saxon period to modern times; including its influence and interaction with other cultures. Additionally, students will continue to practice effective communication skills: listening, speaking, and viewing. Possible literature may include: Beowulf, The Canterbury Tales, Gawain and the Green Knight, Arthurian Legends, Sherlock Holmes, Shakespearean Plays and Sonnets, The Hitchhiker's Guide to the Galaxy, or Harry Potter. In addition to texts read as a class, students will complete an independent

investigation into an author, poet, playwright, or literary period of their choosing.

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### COLLEGE INTRO TO LITERATURE/WU

Credit: .5  
Course Number: 19065  
Grade Level: 12  
Fees: assessed by participating college/university  
Prerequisite: 3.0 GPA. teacher/counselor recommendation

This dual-credit course aligns itself with EN 135 – Intro. to Literature at Washburn University. Intro to Literature is designed to cultivate an appreciation of literature through the analysis of different genres of creative writing. Through the close reading of selected texts in a wide variety of genres, students will be able to recognize and interpret a range of formal elements and literary devices. Each genre has its own form of expressing culture and history of ideas, and thus the ways we read each will be unique to those subjects. Students will find that literature helps us understand others and ourselves, reflects the human condition, and deals with universal themes.

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### COLLEGE PREP COMPOSITION

Credit: .5  
Course Number: 7602  
Grade Level: 12  
Fees: none  
Prerequisite: Grade of C or better in Junior Language Arts

This class fulfills the senior writing credit requirement for college-bound students and is focused on preparing for many types of writing that are assigned in college. Students should expect to explore and present their college and career options in preparation for life after high school and beyond. Students should expect to compose several essays over the course of the semester including but not limited to using rhetorical devices, personal narratives, and argumentative essays.

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### CREATIVE WRITING I

Credit: .5  
Course Number: 7510  
Grade Level: 10, 11, 12  
Fees: none  
Prerequisite: none

This elective course is designed to expose students to a new variety of thinking and writing styles. Students will learn how to observe, record, and analyze their thoughts and surroundings and transfer these ideas into creative writing pieces. The main objectives of this course are to

explore various forms of poetry and prose writing and to experiment with these forms in one's own writing.

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### CREATIVE WRITING II

Credit: .5  
Course Number: 7525  
Grade Level: 10, 11, 12  
Fees: none  
Prerequisite: Creative Writing I

In Creative Writing II students will continue to build knowledge of various writing genres. They will build a personal portfolio that will follow them post-graduation. Students will manage and publish Radljost, the SHS literary magazine, critiquing and identifying appropriate submissions for Radljost. Students will also build and continuously contribute to personal blog

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### EXPLORING COMMUNICATION

Credit: .5  
Course Number: 7340  
Grade Level: 9, 10, 11, 12  
Fees: none  
Prerequisite: none

Students will explore various types of communications. Students can choose units of communication that include mass communication, poetry interpretation, prose interpretation, stage acting, competitive acting, theater tech, script writing, informative speaking, persuasive speaking, impromptu speaking, and extemporaneous speaking. Each unit will contain a final product reflecting the type of communication, such as a podcast, radio show, poetry performance, stage monologue, writing a one-act script, etc. In addition to final projects students will choose, on his/her own, a secondary project within that field of communication using a variety of technology.

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### FRESHMAN HONORS LANGUAGE ARTS

Credit: 1  
Course Number: 7010  
Grade Level: 9  
Fees: none  
Prerequisite: none

This course is designed for accelerated 9th grade students. In addition to the regular freshman language arts program, this course will offer an enriched program of literature, composition, and other related skills. Students will gain a deeper understanding of reading, writing, speaking, listening, viewing and critical thinking through a variety of units. This course is aligned to the College and Career Readiness Standards for reading and writing and 21st Century Learning Skills.



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## FRESHMAN LANGUAGE ARTS

Credit: 1  
Course Number: 7010  
Grade Level: 9  
Fees: none  
Prerequisite: none

This course develops the students' skills in reading, writing, speaking, listening, viewing, and critical thinking through a variety of units. Effective composition is the focus of the fall semester, and critical reading is the focus of the spring semester. Students will have the opportunity to reflect on each unit to demonstrate growth and real world application. This course is aligned to the College and Career Readiness Standards for reading and writing and 21st Century Learning Skills.

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## INTERMEDIATE COLLEGE WRITING/WU

Credit: .5  
Course Number:  
Grade Level: 12  
Fees: none  
Prerequisite: Introductory College Writing

This class builds on writing process skills developed in Introductory College Writing (EN 101), including drafting, revising, and reflecting with additional emphasis on developing and supporting an academic argument, analyzing and synthesizing sources, and making choices appropriate for a variety of rhetorical situations encountered in college-level writing. Required, with a minimum grade of C, for graduation.

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## INTRODUCTION TO THEATER

Credit: .5  
Course Number: 7300  
Grade Level: 9, 10, 11, 12  
Fees: none  
Prerequisite: none

This is a general survey course for those who are interested in the basics of theater performance as well as the backstage and technical theater experience. All aspects of theater are included, as well as a background of theater history to present time. Students will learn the basics of mime, movement, make-up design, stage managing, set design, props, storytelling, diverse forms of theater, characterization, auditioning, musical theater, improvisation, playwrights from Shakespeare to Neil Simon and much more.

## INTRODUCTORY COLLEGE WRITING/WU

Credit: .5  
Course Number: 19000  
Grade Level: 11, 12  
Fees: assessed by participating college/university  
Prerequisite: 3.0 cumulative GPA

Introduction to writing at the college level with a focus on developing flexibility and skill as a writer. Analysis of texts and arguments in preparation for creating a variety of essays that include personal, analytical, and argumentative writing. Special attention given to the processes of drafting, revision, and reflection. Instruction in and practice of writing conventions such as grammar, mechanics, and citations. Required, with a minimum grade of C, for graduation.

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## JUNIOR HONORS LANGUAGE ARTS

Credit: 1  
Course Number: 7400  
Grade Level: 11  
Fees: none  
Prerequisite: Honors Sophomore Language Arts with a grade of A or B

This is a junior level class designed to meet the needs of students who consistently show high ability in language arts on achievement tests and in classroom performance. The purpose of this class is to study American literature and writers, to develop critical reading and writing skills, to continue work with the writing process, and to prepare for the ACT test. (This course is a prerequisite for AP English.)

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## JUNIOR LANGUAGE ARTS- MODERN LITERATURE

Credit: 1  
Course Number: 7410  
Grade Level: 11  
Fees: none  
Prerequisite: Sophomore Language Arts

In this course, students will engage in close reading of Modern American Literature and participate in activities to explore, analyze, interpret, think critically about, respond to, and evaluate literary concepts, themes, and contemporary societal issues addressed within the texts.

## **MEDIA AS LITERATURE: AN EXPLORATION OF FILM, MUSIC, TV, VIDEO GAMES AND MORE**

Credit: .5

Course Number: 7665

Grade Level: 12

Fees: none

Prerequisite: Junior Language Arts

This course will attempt at answering the age-old question, "When will I ever use English class in the real world?" In this course, students will be exposed to and expected to create, evaluate, and critique various types of media and their literary elements. Possible forms of media include but are not limited to: film, television, video games, and music. Students can expect to discuss, write about, and create multimedia projects that demonstrate their understanding of media, how it influences our world, and how it serves as a new form of literacy. In addition, students will explore how literary elements transcend reading text to modern digital and non-digital applications.

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## **PLAYWRITING/DIRECTING FOR THEATER**

Credit: .5

Course Number: 7704

Grade Level: 11, 12

Fees: none

Prerequisite: Teacher Permission

Students will study in depth analysis of plays, including comedy and drama. Students will master the processing of dialogue in terms of motivation of characters to advance the story. Students will produce original scenes for a One-Act play and then direct those specific scenes using student actors in a show for the public at the end of the semester.

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## **READING STRATEGIES**

Credit: .5

Course Number: 7110

Grade Level: 9, 10

Fees: none

Prerequisite: Teacher/Counselor Recommendation

This course is geared towards students who need additional support in reading. Focused on comprehension, students will develop strategies to help them manage and understand text, especially long-form text including close-reading technique, note-taking, and summarization. In addition, students will practice and develop their knowledge of sentence structure, grammar, and vocabulary as it applies to more effective reading. The course contains both online components and in-class, text-based practice. The course included

exposure to a variety of short and long-form texts including a novel.

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## **SEAMAN PLAYERS**

Credit: 1

Course Number: 7314

Grade Level: 9, 10, 11, 12

Fees: none

Prerequisite: By Audition

This is an advanced theater performance class where students will primarily rehearse and then perform improvisation productions and workshops for the area schools and various community events. The course also includes advanced acting skills, vocal production, comedy effects, stage movement, clowning, children's theater, and dramatic interpretation.

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## **SENIOR WORLD LITERATURE**

Credit: .5

Course Number: 7660

Grade Level: 12

Fees: none

Prerequisite: Junior Language Arts

This course is designed to prepare the student for reading college-level literature. Students will explore a variety of literary genres as they experience cultural diversity, individual literary research, and improvement in their reading skills. Additionally, students will continue to practice effective communication skills: listening, speaking, and viewing. The literature will be drawn from around the world with particular attention paid to non-Western texts.

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## **SOPHOMORE HONORS LANGUAGE ARTS**

Credit: 1

Course Number: 7100

Grade Level: 10

Fees: none

Prerequisite: Freshman Language Arts with a grade of A or B and teacher recommendation

This course is designed for accelerated 10th grade students. The program will cover basic SLA guidelines in literature and grammar. In addition to the regular sophomore language arts program, these students will have an enriched program of literature, composition, and other related skills including ACT preparation. Introduction to different composition methods will be correlated with grammar and vocabulary studies to improve the students' writing abilities.



## **SOPHOMORE LANGUAGE ARTS**

Credit: 1

Course Number: 7102

Grade Level: 10

Fees: none

Prerequisite: Freshman Language Arts

Grammar and composition principles are applied focusing on the study of writing, short stories, novels, drama, and non-fiction prose.

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## **TECHNICAL THEATRE DESIGN**

Credit: .5

Course Number:

Grade Level: 9, 10, 11, 12

Fees: none

Prerequisite: none

Welcome to the world of Technical Theatre Design! This exciting course is designed to introduce you to the captivating and multifaceted world of theater production, focusing on the essential aspects of technical design. Whether you're a budding artist, a budding engineer, or just passionate about the magic of the stage, this course will provide you with the knowledge and skills to become an integral part of any theatrical production team.

Intro to Theatre recommended.

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## **TECHNICAL WRITING**

Credit: .5

Course Number: 7630

Grade Level: 12

Fees: none

Prerequisite: Junior Language Arts

Technical Writing is designed to prepare students to write for the business and technical profession. A central feature of the course will be learning the purposes and designs of several formats and how to use them effectively. Although professional writing is largely informative, students will also develop informative writing with a persuasive purpose. In order to persuade, information must be tailored to the intended audience.

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## **WORKPLACE READING ESSENTIALS**

Credit: .5

Course Number: 7640

Grade Level: 12

Fees: none

Prerequisite: Junior Language Arts

This course will help students prepare for the 21st workplace by learning how to analyze current societal issues, understand authentic documents, comprehend nonfiction readings, and practice skills that will make

them employable. The course will also emphasize how to manage, analyze, and evaluate streams of information.

# MATHEMATICS

	9	10	11	12
Advanced Placement Calculus AP				x
College Algebra Recitation				x
College Algebra/WU				x
College Prep Algebra				x
College Prep Algebra Recitation				x
College Statistics/WU				x
Math I	x	x	x	x
Math I Honors	x			
Math I Support	x			
Math I B	x	x	x	x
Math II		x	x	x
Math II A		x		
Math II Honors		x		
Math II B		x	x	x
Math III			x	
Math III A			x	
Math III Honors			x	

## ADVANCED PLACEMENT CALCULUS AP

Credit: 1

Course Number: 8600

Qualifications: KBOR, NCAA

Grade Level: 12

Fees: AP exam fee (optional)

Prerequisite: Honors Math III OR Math III with teacher approval

This course prepares students for the Advanced Placement Calculus AP Exam given each spring by The College Board. Students cover the topics of Elementary Functions, Differential Calculus, and Integral Calculus. A graphing calculator is required. A Ti-82, Ti-83+ or TI-84 is recommended. TI-89 AND TI-92 are prohibited. Students are required to take The Advanced Placement Exam.

## COLLEGE ALGEBRA RECITATION

Credit: .5

Course Number: 19003R

Grade Level: 12

Fees: none

Prerequisite: Concurrent with Dual-Credit College Algebra and teacher/counselor recommendation

College Algebra Recitation is a course designed to be taken in conjunction with College Algebra B, during the second semester. Recitation provides daily reinforcement of newly acquired skills and gives additional instruction time to help students master the course objectives.

## COLLEGE ALGEBRA/WU

Credit: .5

Course Number: 19003/19013

Grade Level: 12

Fees: will be assessed by participating college/university  
Prerequisite: 22 on the math portion of the ACT or a score 75% or higher on the WU placement test

Covers basic topics in algebra, including the solution of linear and quadratic equations, factoring, graphing, inequalities, rational and irrational numbers, functions, logarithms, determinants and matrices.

## COLLEGE PREP ALGEBRA

Credit: .5

Course Number: 8620

Grade Level: 12

Fees: none

Prerequisite: Grade of C or better in Math III

This class is designed for students who did not qualify for College Algebra. Students will be taught skills necessary for passing the entrance exam for College Algebra such as simplifying radical and rational expressions, solving linear, quadratic, rational, and radical equations and inequalities, and graphing linear and quadratic equations.

## COLLEGE PREP ALGEBRA RECITATION

Credit: .5

Course Number: 8620R

Grade Level: 12

Fees: none

Prerequisite: Concurrent with College Prep Algebra and teacher/counselor recommendation

College Prep Algebra Recitation is a course designed to be taken in conjunction with College Prep Algebra. Recitation provides daily reinforcement of newly acquired skills and gives additional instruction time to help students master the course objectives.

## COLLEGE STATISTICS/WU

Credit: .5

Course Number: 8501

Grade Level: 12

Fees: will be assessed by participating college/university  
Prerequisite: 3.0 cumulative GPA and completion of College Algebra OR 25 on math section of ACT

This course includes basic concepts of probability and statistics. The course covers permutations and combinations, measure of central tendency and variation, discrete and continuous distributions, sampling, regression and correlation.

## MATH I

Credit: 1  
Course Number: 8400  
Grade Level: 9  
Fees: none  
Prerequisite: none

Students study linear relationships. Students will use data from experiments and statistical ideas, such as standard deviation, to develop formulas to model situations. Students use principles about similar triangles and basic trigonometry to develop formulas for finding the length of a shadow and other situations. Students will develop the basic principles for working with exponents.

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## MATH I HONORS

Credit: 1  
Course Number: 8400  
Grade Level: 9  
Fees: none  
Prerequisite: Teacher Recommendation

This course extends the topics covered in Math I: linear equations and graphs, normal distributions and standard deviation, similar and congruent polygons, entry level trigonometry, and linear programming.

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## MATH I SUPPORT

Credit: .5  
Course Number: 8410  
Grade Level: 9  
Fees: none  
Prerequisite: Teacher Recommendation and Concurrent Enrollment in Math I

This class is designed to complement and enhance the skills students are acquiring in their Math I course. Lab provides daily reinforcement of newly acquired skills. The additional instruction time helps students master the Math I course objectives.

\*Students will receive math credit for this course only if they also pass Math I, otherwise it will count as an elective credit.

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## MATH I B

Credit: 1  
Course Number: 8370  
Grade Level: 9, 10, 11, 12  
Fees: none  
Prerequisite: Teacher or counselor recommendation

This course is designed to focus on the essential concepts from Math I while supporting foundational skills with a focus on number sense.

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## MATH II

Credit: 1  
Course Number: 8420  
Grade Level: 10, 11, 12  
Fees: none  
Prerequisite: Math I

Students will deepen their understanding of the relationships between linear equations and inequalities, and their graphs. They will also study quadratic equations and functions, deductive reasoning, triangles and quadrilaterals, special right triangles, coordinate geometry, and basic topics in trigonometry.

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## MATH II A

Credit: 1  
Course Number: 8430  
Grade Level: 10  
Fees: none  
Prerequisite: Teacher Recommendation and concurrent enrollment in Math II

Math II A is designed to cover the same curriculum as the Math II course. Although the concepts are identical, the format of the class allows students to cover topics at a slower pace as well as experience additional practice time. Students enroll in this course for TWO blocks and it meets everyday.

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## MATH II HONORS

Credit: 1  
Course Number: 8425  
Grade Level: 10  
Fees: none  
Prerequisite: Teacher Recommendation

This course follows the Math II curriculum with deeper exploration into topics including geometric proof, radical operations, writing equivalent equations, properties of functions and factoring. In addition this course studies vocabulary and analysis of polynomial functions and polynomial operations. Projects are required course elements.

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## **MATH II B**

Credit: 1

Course Number: 8375

Grade Level: 10, 11, 12

Fees: none

Prerequisite: Teacher or counselor recommendation

This course is designed to focus on the essential concepts from Math II while supporting foundational skills with a focus on number sense.

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## **MATH III**

Credit: 1

Course Number: 8440

Grade Level: 11

Fees: none

Prerequisite: none

Students will study linear and exponential growth and decay models based on population and investment data, logarithms, concepts of slope including an introductory view of derivatives, advanced topics in trigonometry, function families, and a comprehensive review of algebra topics.

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## **MATH III A**

Credit: 1

Course Number: 8450

Grade Level: 11

Fees: none

Prerequisite: teacher recommendation

Math III A is designed to cover the same curriculum as the Math III course. Although the concepts are identical, the format of the class allows students to cover topics at a slower pace as well as experience additional practice time. Students enroll in this course for TWO blocks and it meets everyday.

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## **MATH III HONORS**

Credit: 1

Course Number: 8455

Grade Level: 11

Fees: none

Prerequisite: Honors Math II OR Math II with teacher approval

This course follows the Math III curriculum with deeper exploration into topics including logarithmic properties, polar coordinates, and advanced topics in trigonometry. Projects and extensions will be required course elements.

# MUSIC

	9	10	11	12
Advanced Studies in Popular Music	x	x	x	x
Auxiliary Dance Team	x	x	x	x
Chamber Choir	x	x	x	x
Chamber Orchestra	x	x	x	x
College Enjoyment of Music/WU (Mu 100)		x	x	x
College Prep Music			x	x
Concert Choir	x	x	x	x
Freshman Concert Band	x			
History of Rock & Roll	x	x	x	x
Jazz Ensemble I	x	x	x	x
Jazz Ensemble II	x	x	x	x
Modern Band	x	x	x	x
Music Theory & Ear Training			x	x
Orchestra	x	x	x	x
Percussion Class	x	x	x	x
Show Choir	x	x	x	x
Small Ensemble	x	x	x	x
Symphonic Band	x	x	x	x
Viking Marching Band	x	x	x	x
Wind Ensemble	x	x	x	x

## ADVANCED STUDIES IN POPULAR MUSIC

Credit: .5

Course Number: 9350

Grade Level: 9, 10, 11, 12

Fees: none

Prerequisite: History of Rock & Roll

Advanced Studies in Popular Music is designed for students who enjoyed History of Rock and Roll and want to continue an in depth study of the music and recording industry. Through project based learning, students will explore the elements of music and how music has influenced aspects of society such as technology and evaluate the meaning of music, its relevance to culture. Subject matter will vary and highlight the progression of music technology, music and the social justice movement, and the television experience.

## AUXILIARY DANCE TEAM

Credit: .5

Course Number: 9305

Grade Level: 9, 10, 11, 12

Fees: none

Prerequisite: By Audition

The Auxiliary Dance Team is a select group of students who are chosen through auditions. The Auxiliary Dance Team performs the halftime show with the Viking Marching Band at all home football games and competitions in the fall. Coursework involves improving dance skills technique and style, preparation for performances, choreography, and team-building skills.

There is a uniform fee and some accessories will need to be purchased. Attendance at Seaman's Marching Camp is required.

## CHAMBER CHOIR

Credit: 1

Course Number: 9345

Grade Level: 9, 10, 11, 12

Fees: none

Prerequisite: none

Open, non-auditioned group open to all students at SHS. This class would be intended for developing freshman voices, students that do not desire a more rigorous music experience, and those students who need a fine art credit who would like to belong to an ensemble or "team" here at SHS. This group would perform at all concerts but would not attend contests. Instruction would center more on music theory, the physics and anatomical aspects of singing and producing quality vocal production. Literature would focus on more attainable harmonies and lyrics.

## CHAMBER ORCHESTRA

Credit: 1

Course Number: 9335

Grade Level: 9, 10, 11, 12

Fees: none

Prerequisite: By Audition

Chamber Orchestra is an audition-only orchestra composed of tenth through twelfth grade students. The orchestra is designed to provide a rigorous musical environment that challenges students and provides additional performance opportunities.

## COLLEGE ENJOYMENT OF MUSIC/WU (MU 100)

Credit: .5

Course Number:

Grade Level: 10, 11, 12

Fees: SHS- \$0; Washburn- ½ price tuition

Prerequisite: none

This course discusses the materials and structure of music, as they relate to perceptive listening and increased listening enjoyment. Students will frequently listen to a variety of music styles through use of recordings and live performance to gain a more practical appreciation of music.

## **COLLEGE PREP MUSIC**

Credit: .5  
Course Number: 9502  
Grade Level: 11, 12  
Fees: none  
Prerequisite: Instructor Approval

This course is to help students prepare for college with an interest in music either for a Major, Minor, or auditioning for a scholarship. The students will be exposed to college professors, campuses, campus life, and introduced to curriculum requirements involved in their first year of college. Each student will set goals at the beginning of the semester aiding them to observe, analyze, audition, and be accepted into the college of their choice. Class time will be used for these goals and touring colleges and observing teachers in the field they wish to join.

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## **CONCERT CHOIR**

Credit: 1  
Course Number: 9304  
Grade Level: 9, 10, 11, 12  
Fees: none  
Prerequisite: By Audition

Concert Choir is an auditioned ensemble for performers who wish to further their musical skills. Concert Choir performs at four school concerts each year, as well as performing for the Class 5A State Festival.

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## **FRESHMAN CONCERT BAND**

Credit: .5  
Course Number: 9329  
Grade Level: 9  
Fees: none  
Prerequisite: enrollment in Viking Marching Band first semester and audition

All freshman students that were not placed in Wind Ensemble are automatically enrolled in 5th hour Freshman Concert Band. An audition for chair placement is a requirement. Students in this ensemble will perform grade 2-3 literature and will use this class period to further develop their performance skills. The Freshman Concert Band also has the opportunity to participate in the biannual band trip.

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## **HISTORY OF ROCK & ROLL**

Credit: .5  
Course Number: 9317  
Grade Level: 9, 10, 11, 12  
Fees: none  
Prerequisite: none

The History of Rock and Roll, a semester-long elective, is an in-depth study of the origins of popular music in the 20th century and the social and historical context that gave birth to it and related genres and musical offshoots. From blues and country, to punk and heavy metal, students will familiarize themselves with landmark groups, music, and movements of different periods, exploring connections between modern music and the artists from the past that have paved the way for the popular music of the day.

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## **JAZZ ENSEMBLE I**

Credit: .5  
Course Number: 9301  
Grade Level: 9, 10, 11, 12  
Fees: none  
Prerequisite: enrollment in Viking Marching Band first semester and audition

The purpose of Jazz Ensemble I is to expose musicians drawn from the Viking Band to a wide variety of musical styles, techniques, and cultures. Students will learn and perform big band swing, pop-rock, Latin funk, and many other musical styles. Emphasis on improvisation and basic music theory will be included as well. This group will consist of 4-5 trumpets, 4 trombones, 2 altos, 2 tenors, and 1 baritone saxophone. In addition, piano, electric or upright bass, and drum set will make up the group's rhythm section. Students will be required to audition for placement in Jazz Ensemble I in the spring the previous year. Students wishing to enroll in SHS Jazz Ensemble must be concurrently enrolled in SHS Concert Band, unless permission to enroll is given by the instructor.

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## **JAZZ ENSEMBLE II**

Credit: .5  
Course Number: 9302  
Grade Level: 9, 10, 11, 12  
Fees: none  
Prerequisite: concurrent enrollment in band

The purpose of Jazz Ensemble II is to expose musicians drawn from the Viking Band to a wide variety of musical styles, techniques, and cultures. Students will learn and perform big band swing, pop-rock, Latin, funk, and many other musical styles. Emphasis on improvisation and basic music theory will be included as well. Enrollment is open for any member of the Viking band that has a



desire to play jazz music. Instruments include: trumpet, trombone, saxophone, guitar, bass guitar, piano, and drum set.

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### **MODERN BAND**

Credit: .5  
Course Number:  
Grade Level: 9, 10, 11, 12  
Fees: \$10  
Prerequisite: none

This course is an exploration into the production and creation of popular music through the medium of the modern rock band. Students will be provided the opportunity to learn and grow in basic knowledge of guitar, keyboard, bass, drum set, vocals, and creation of music through a rock combo. This course is designed so that students rotate on each instrument of the ensemble and direct efforts towards growth on each of the instruments. Each semester will include public performances.

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### **MUSIC THEORY & EAR TRAINING**

Credit: .5  
Course Number: 9501  
Grade Level: 11, 12  
Fees: none  
Prerequisite: Instructor Approval

This class is designed to give students advanced knowledge of basic music theory and ear training skills. Music fundamentals, scales, rhythms, harmony, texture, counterpoint, harmonic and rhythmic progressions, tonality, and a 4-part dissection and writing, as well as many other topics will be covered. The primary purpose of the class is to prepare students for theory classes at the college level; however, the class will provide very practical and fundamental musical knowledge that is commonplace and applicable to every day musical performance and discussion. The student shall develop divergent approaches to problem solving through music.

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### **ORCHESTRA**

Credit: 1  
Course Number: 9313  
Grade Level: 9, 10, 11, 12  
Fees: none  
Prerequisite: Instructor Approval

Membership in the Seaman High School orchestra is for students who have reached a certain level of excellence in their string playing. New students to the district or the class will need to get permission from the orchestra teacher to enroll. The orchestra performs mainly at concerts and contests.

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### **PERCUSSION CLASS**

Credit: 1  
Course Number: 9315  
Grade Level: 9, 10, 11, 12  
Fees: none  
Prerequisite: Instructor Approval

This ensemble will explore mallet, hand drum, and multi-percussion techniques through various musical styles and cultures. Students will perform at select concerts and contests during the semester.

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### **SMALL ENSEMBLE**

Credit: .5  
Course Number:  
Grade Level: 9, 10, 11, 12  
Fees: none  
Prerequisite: Concurrent enrollment in Band or Orchestra

This class has a performance based curriculum which requires participation in performances which occur outside of school hours including the annual Spring Musical at Seaman High School. This course is designed for instrumental music students desiring to enhance their musical experience through the study and performance of literature for the smaller instrumental ensemble as well as those who are seeking to improve their overall performance technique. Possible offerings are string or wind chamber music, jazz combo, instrumental choirs, and/or solo preparation for festivals.

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### **SHOW CHOIR**

Credit: 1  
Course Number: 9306  
Grade Level: 9, 10, 11, 12  
Fees: none  
Prerequisite: By Audition

Show Choir is an auditioned ensemble for performers who practice singing, dancing, and showmanship. Show Choir performs at four school concerts each year, as well as performing throughout the community at various events.

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### **SYMPHONIC BAND**

Credit: .5  
Course Number: 9327  
Grade Level: 9, 10, 11, 12  
Fees: none  
Prerequisite: enrollment in Viking Marching Band first semester and audition

Symphonic band is our second competitive ensemble. Entrance in this ensemble is required with an audition for



chair placement. All students enrolled in Viking Marching Band in the fall semester are welcome to join. Literature selections will range from 3-4 and will explore all styles of music. Members will be assigned to a pep band for basketball games. Symphonic Band members will also be given the option of participating in the biannual trip.

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### **VIKING MARCHING BAND**

Credit: .5

Course Number: 9300

Grade Level: 9, 10, 11, 12

Fees: \$15

Prerequisite: Director Approval

Membership in this group is for students who have reached a certain degree of excellence in their instrumental work. New students to the district will need to get permission from the director of bands to enroll. The band performs for football games, parades, marching contests, and two seasonal concerts. Tuesday night rehearsals and weekend performances are required through October. The Fall Marching Band includes Band, Color Guard and Drill Team members in the high school. The student will develop skills necessary to communicate and express feelings through the language of music.

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### **WIND ENSEMBLE**

Credit: .5

Course Number: 9325

Grade Level: 9, 10, 11, 12

Fees: none

Prerequisite: enrollment in Viking Marching Band first semester and audition

This ensemble is a select group made up of the top performers from the overall band program and meets during 5ht hour. Students must audition to perform with this group. Auditions will be held in the first nine weeks of each fall semester. This group will rehearse grade 4,5 and 6 literature and perform three concerts and compete at State Large Ensemble Contest. Members will be assigned to a pep band for basketball games and will have the option of participating in a trip every other year.

# PHYSICAL EDUCATION

	9	10	11	12
Aerobics	x	x	x	x
Cardio Fitness	x	x	x	x
Life Fitness	x	x	x	x
Lifetime Sports	x	x	x	x
Mind And Body Fitness	x	x	x	x
Physical Dimensions	x	x	x	x
Public Safety Physical Education		x	x	x
Strength Training & Conditioning	x	x	x	x
Team Sports		x	x	x

## AEROBICS

Credit: .5

Course Number: 10300/10301

Grade Level: 9, 10, 11, 12

Fees: \$3

Prerequisite: none

Aerobics refers to a variety of exercises that are specifically designed to enhance the cardiovascular system. Muscular strength exercises are also emphasized. Principles of physical fitness are stressed following the guidelines of frequency, duration, and intensity.

## CARDIO FITNESS

Credit: .5

Course Number: 10360

Grade Level: 9, 10, 11, 12

Fees: \$3

Prerequisite: none

Cardio Fitness will provide students the opportunity to improve their overall fitness level as well as the knowledge to apply principles of physical fitness throughout their lifetime. The course will incorporate the Life Fitness cardiovascular and strength training equipment. Individual needs will be assessed and solutions will be provided. The student will participate in a variety of activities designed to improve cardiovascular endurance, balance, and core stability with the goal of developing a more physically active lifestyle. Students will be training for a 5K.

## LIFE FITNESS

Credit: .5

Course Number: 10335

Grade Level: 9, 10, 11, 12

Fees: \$3

Prerequisite: none

Life Fitness will provide students the opportunity to improve their strength and fitness level through the use of the Life Fitness equipment in the Wellness Center.

## LIFETIME SPORTS

Credit: .5

Course Number: 10340/10345

Grade Level: 9, 10, 11, 12

Fees: \$3

Prerequisite: none

This course will stress lifetime games and activities and skills involving both individual and team effort. This course consists of tennis, volleyball, and bowling (if feasible). Additional fees may be charged for off-campus bowling when applicable.

## MIND AND BODY FITNESS

Credit: .5

Course Number: 10370

Grade Level: 9, 10, 11, 12

Fees: \$3

Prerequisite: none

This course will focus on the total person. Students will learn about lifelong fitness and self-care. The course will focus on physical activities such as walking, yoga, and incorporate relaxation techniques such as meditation.

## PHYSICAL DIMENSIONS

Credit: .5

Course Number: 10101

Grade Level: 9, 10, 11, 12 (Graduation requirement – if not completed during freshman year it must be taken before graduation.)

Fees: \$22

Prerequisite: none

This course is designed to provide young adults with the knowledge and skills needed to engage in a physically active, healthy lifestyle throughout life. Three areas of focus in the course include health related fitness, lifetime physical activity, and health/wellness concepts and skills. This class will start out in the classroom and then transition to the gym or outside to engage in a variety of physical activities the last half of the class period. Students will also earn CPR/First Aid certification.

## PUBLIC SAFETY PHYSICAL EDUCATION

Credit: 1

Course Number: 10375

Grade Level: 10, 11, 12

Fees: \$3

Prerequisite: Physical Dimensions

This course assists students enrolled in the LPSS Pathway to maintain a healthy lifestyle and prepare to take the CPAT Certification Test. Students will practice

lifetime physical activities; investigate relationships among physical activity, nutrition and body composition; develop a fitness plan; and identify stress management strategies.

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### **STRENGTH TRAINING & CONDITIONING**

Credit: .5

Course Number: 10305/10307

Grade Level: 9, 10, 11, 12

Fees: \$3

Prerequisite: Suggests Lifetime Fitness and/or participation in summer weights

This class is designed to help students to improve their athletic ability. This will be done through strength training, speed development, agility, plyometrics, and flexibility. It is designed to help students improve their total physical conditioning.

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### **TEAM SPORTS**

Credit: .5

Course Number: 10350/10355

Grade Level: 10, 11, 12

Fees: \$3

Prerequisite: none

This course will stress team games and activities skills involving both individual and team effort. This course consists of basketball, ultimate Frisbee, football, team handball, soccer and softball.

## SCIENCE

	9	10	11	12
Anatomy And Physiology (Laboratory)		x	x	x
Bioengineering			x	x
Biology I	x			
Chemistry		x	x	x
College Biology Lecture & Lab/WU				x
Environmental Science		x	x	x
Introduction To Health Science	x	x	x	x
Honors Chemistry		x	x	x
Honors Physics			x	x
Organismic Biology II - Zoology		x	x	x
PLTW Medical Interventions			x	x
PLTW Principles of Biomedical Science	x	x	x	
PLTW Biomedical - Human Body Systems		x	x	x
PLTW Biomedical - Innovations			x	x
Physical Science	x	x	x	x
Physics			x	x
Sports Medicine I		x	x	x
Sports Medicine II			x	x

Pathways: Management & Entrepreneurship;  
Engineering & Applied Mathematics; BioChemistry;  
BioMedical; Health Science

### ANATOMY AND PHYSIOLOGY (LABORATORY)

Credit: 1  
Course Number: 11450  
Grade Level: 10, 11, 12  
Fees: none  
Prerequisite: Biology

Anatomy and Physiology Laboratory is the study of the structure and function of the systems of the human body. This year-long class uses a basic college level text and is designed for students who plan to continue in the sciences and/or medical fields as a part of their postsecondary training. Topics include anatomical terminology, cell structure and function, tissues, the skin, the skeletal system, muscular system, nervous system, senses, heart, blood vessels and circulation, respiration, digestion, immune and reproductive systems. The major dissection in this course will be the pig. Other dissections include the cow eye, sheep brain and sheep heart.

Recommended prerequisite: Chemistry

### BIOENGINEERING

Credit: 1  
Course Number:  
Grade Level: 11, 12  
Fees: \$20  
Prerequisite: Anatomy & Physiology or PLTW  
Biomedical: Human Body Systems

Students will have the opportunity to develop projects that are responsive to real-world problems, using solutions that depend on biological technologies by learning the techniques, strategies and vocabulary related to the engineering of synthetic biological systems. This subject will provide an engaging introduction for would-be biological engineers.

### BIOLOGY I

Credit: 1  
Course Number: 11300  
Grade Level: 9  
Fees: none  
Prerequisite: none

Biology is an introductory, lab-based life science course, centered on using basic scientific principles to develop understanding of everyday life. Units to be covered: inquiry & analysis, cells & energy, cellular organization, cell division, heredity, DNA-RNA-proteins, ecology and evolution. Twenty-first century skills and technology will be used for experimentation and reasoning; obtaining, evaluation, and communicating information; data analysis and critical thinking; and problem solving for explanations or proposed solutions.

### CHEMISTRY

Credit: 1  
Course Number: 11501  
Grade Level: 10, 11, 12  
Fees: none  
Prerequisite: Completed or concurrently enrolled in Math II OR completed Physical Science

This course is two semesters in length. A full year of Chemistry is recommended and required to meet regent requirements. This is a study of the physical and chemical properties of matter. Activities in the course are planned to develop skills in the use of the scientific method in problem solving, in interpreting data, and in the application of chemical principles. Chemistry I studies will include an introduction to the International System of measurement, scientific method, quantum model of the atom, atomic theory, use of the Periodic Table, types of bonding and the introduction of Stoichiometry. In the second semester students activities will include nomenclature, Stoichiometry, writing and

interpreting chemical formulas, balancing chemical equations, equilibrium equations, acid/base reactions and gas law.

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### COLLEGE BIOLOGY LECTURE & LAB/WU

Credit: 1

Course Number: 19030

Grade Level: 12

Fees: will be assessed by participating college/university

Prerequisite: 3.0 cumulative GPA

This is a year-long class that includes both lecture and laboratory activities. Lecture includes an introduction to the major principles and theories of Biology: genes, evolution, cell biology, and the structure and function of the major kingdoms of life. The introductory lab activities examine the structure and function of organisms. Two sections of special academic interest include Health Emphasis and General Education Emphasis both of which qualify as General Education Courses. This course qualifies as a General Education course, but is not applicable toward credit for biology major requirements. Students must pass both sections in order to receive credit for the course.

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### ENVIRONMENTAL SCIENCE

Credit: .5

Course Number: 11370

Grade Level: 10, 11, 12

Fees: none

Prerequisite: Biology

This course surveys key topic areas including the application of scientific process to environmental analysis; ecology; energy flow; ecological structures; earth systems; and atmospheric, land, and water science. Topics also include the management of natural resources and analysis of private and governmental decisions involving the environment. Students explore actual case studies and conduct hands-on, unit research activities. Students will learn about global issues that impact the environment and the use of resources that require accurate application of scientific processes, including proper data collection and responsible conclusions.

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### INTRODUCTION TO HEALTH SCIENCE

Credit: .5

Course Number: 11440

Grade Level: 9, 10, 11, 12

Fees: none

Prerequisite: none

Introduction to Health Science exposes students to the variety of opportunities available within the healthcare industry (e.g., such as nursing, therapy, dental care, administrative services, and lab technology). Topics covered include an overview of the health care delivery system, patient care, legal and ethical issues in healthcare, medical terminology, infection control and diseases, and abnormal conditions related to these specific body systems: integumentary, skeletal, muscular, special senses and nervous system.

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### HONORS CHEMISTRY

Credit: 1

Course Number: 11502

Grade Level: 10, 11, 12

Fees: none

Prerequisite: B or better in Honors Math I and concurrent enrollment in Honors Math II OR B or better in Math II OR C or higher in both Math II and Physical Science

This course is designed to meet the needs of students who show a high ability in the area of math science and are considering a career in science or medical profession. Activities in this class are to expand on the knowledge base acquired by first year chemistry students. The course will cover much of the same topics but in greater detail including gas laws, thermodynamics and an introduction to Organic Chemistry.

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### HONORS PHYSICS

Credit: 1

Course Number: 11504

Grade Level: 11, 12

Fees: none

Prerequisite: Math II

This course is distinguished by the significant inclusion of trigonometry. Additional projects as well as local and national design contests will be assigned to students. Technical writing will be emphasized. Topics will include motion and stability; forces and interactions; energy, waves and their applications in technologies for information transfer; engineering design links among engineering; technology, science and society.

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## ORGANISMIC BIOLOGY II - ZOOLOGY

Credit: .5

Course Number: 11345

Grade Level: 10, 11, 12

Fees: none

Prerequisite: none

Zoology is a life science course designed for basic study of the animal kingdom. Instruction will focus on structure and function, life histories, identification, and the importance of animals to humans. Dissections will be a major component of lab activities. Scientific naming, classification, and evolution will be emphasized as a continuation of Organismic Biology 1.

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## PLTW MEDICAL INTERVENTIONS

Credit: 1

Course Number:

Grade Level: 11, 12

Fees: \$20

Prerequisite: Anatomy & Physiology or PLTW

Biomedical: Human Body Systems

Medical Interventions is the third course offered in the PLTW Biomedical Science Program. In PLTW Medical Interventions (MI), students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat a disease.

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## PLTW PRINCIPLES OF BIOMEDICAL SCIENCE

Credit: 1

Course Number: 11400

Grade Level: 9, 10, 11

Fees: \$20

Prerequisite: Biology

This course provides an introduction to biomedical science through exciting hands-on projects and problems. Students investigate concepts of biology and medicine as they explore various health conditions. The activities and projects introduce students to medicine and research processes, and allow students to design experiments to solve problems. Key biological concepts, including maintenance of homeostasis in the body, metabolism, inheritance of traits, and defense against disease are embedded in the curriculum.

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## PLTW BIOMEDICAL - HUMAN BODY SYSTEMS

Credit: 1

Course Number: 11410

Grade Level: 10, 11, 12

Fees: \$20

Prerequisite: Principles of Biomedical Science (C or better) or Chemistry or Anatomy and Physiology

In this course students examine the interactions of body systems as they explore identity, communication, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal mannequin, work through interesting real world cases, and often play the role of biomedical professionals to solve medical mysteries. Students practice problem solving with structured activities and progress to open-ended projects and problems that require them to develop planning, documentation, communication, and other professional skills.

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## PLTW BIOMEDICAL - INNOVATIONS

Credit: 1

Course Number: 11420

Grade Level: 11, 12

Fees: \$20

Prerequisite: Principles of Biomedical Science and Human Body Systems (C or better)

In the final course of the PLTW Biomedical Science sequence, students build on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. They have the opportunity to work on an independent project with a mentor or advisor from a university, medical facility, or research institution.

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## PHYSICAL SCIENCE

Credit: 1

Course Number:

Grade Level: 9, 10, 11, 12

Fees: none

Prerequisite: none

Using hands-on inquiry techniques, students will explore concepts in the domain of physical science. Topics include structure and properties of matter, chemical reactions, energy, electromagnetic radiation, Earth and the solar system, weather and climate, forces and motion and wave properties.

## PHYSICS

Credit: 1

Course Number: 11310

Grade Level: 11, 12

Fees: none

Prerequisite: Math II

This is a year-long course that will examine in detail the concepts of motion, force and energy. This course is a hands-on guided inquiry course that is designed to prepare students for the rigors of university coursework for non-science majors. Topics include motion and stability; forces and interactions; energy; waves and their applications in technologies for information transfer; engineering design links among engineering; and technology, science and society.

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## SPORTS MEDICINE I

Credit: 1

Course Number:

Grade Level: 10, 11, 12

Fees: none

Prerequisite: Biology

This year-long course is designed to provide students with the opportunity to explore exercise science and sports medicine, including various therapeutic careers, pertinent terminology, anatomy and physiology, injury prevention, the healing process, rehabilitation techniques, therapeutic modalities, sports nutrition and performance enhancement philosophies.

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## SPORTS MEDICINE II

Credit: 1

Course Number:

Grade Level: 11, 12

Fees: none

Prerequisite: Sports Medicine I

This year-long course is a continuation of Sports Medicine I. This course provides advanced sports medicine students with instruction in advanced techniques and processes. It includes all areas of sports medicine such as sports medicine terminology, musculoskeletal anatomy, evaluation, assessment, rehabilitation, and prevention of athletic injuries. Emphasis will be placed on evaluating and assessing athletic injuries.



## SOCIAL STUDIES

	9	10	11	12
Advanced Placement U.S. Government And Politics			X	X
Advanced Placement U.S. History			X	X
Advanced Placement European History		X	X	X
American Civil War	X	X	X	X
College U.S. Government/WU			X	X
College U.S. History/WU			X	X
General Psychology			X	X
Government & Public Administration Fundamentals		X	X	X
Historical Research Project	X	X	X	X
Introduction To Government & Public Administration	X	X	X	X
Introduction To Law Public Safety And Security (LPSS)	X	X	X	X
Law Enforcement I		X	X	X
Law Enforcement II			X	X
Modern World History	X			
Museum Studies			X	X
Practical Law				X
Race & Ethnic Relations		X	X	X
U.S. Government I: The Constitution & Three Branches				X
U.S. Government II: Civil & Criminal Rights				X
U.S. History I-II			X	X
World Geography	X	X	X	X
World History II		X	X	X

Pathways: Corrections, Security, Law, and Law Enforcement; Government & Public Administration

### ADVANCED PLACEMENT U.S. GOVERNMENT AND POLITICS

Credit: 1

Course Number: 12611

Grade Level: 11, 12

Fees: AP exam fee (optional)

Prerequisite: teacher/counselor recommendation

AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behaviors. They will also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they will complete a political science research or applied civics project. (Source: The Advanced Placement Program. New York: The College Board, 2018.)

Students enrolling in this course are expected to complete both semesters in preparation for the College Board exam in May.

### ADVANCED PLACEMENT U.S. HISTORY

Credit: 1

Course Number: 12400

Grade Level: 11, 12

Fees: AP exam fee (optional)

Prerequisite: Teacher/counselor recommendation

AP U.S. History is designed to be the equivalent of a two-semester introductory college or university U.S. history course. In AP U.S. History students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. The course also provides seven themes that students explore throughout the course in order to make connections among historical developments in different times and places: American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society. Furthermore, students will research and create a project on a historical topic of their choice.

Students enrolling in this course are expected to complete both semesters in preparation for the College Board exam in May.

### ADVANCED PLACEMENT EUROPEAN HISTORY



Credit: 1

Course Number: 12350

Grade Level: 10, 11, 12

Fees: AP exam fee (optional)

Prerequisite: none

AP European History is designed to be the equivalent of a two-semester introductory college or university European history course. In AP European History students investigate significant events, individuals, developments, and processes in four historical periods from approximately 1450 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing historical evidence; contextualization; comparison; causation; change and continuity over time; and argument development. The

course also provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: interaction of Europe and the world; poverty and prosperity; objective knowledge and subjective visions; states and other institutions of power; individual and society; and national and European identity. ( Source: The Advanced Placement Program. New York: The College Board, 2017.)

Students enrolling in this course are expected to complete both semesters in preparation for the College Board exam in May.

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### AMERICAN CIVIL WAR

Credit: .5  
Course Number: 12013  
Grade Level: 9, 10, 11, 12  
Fees: none  
Prerequisite: none

This class is designed to address three critical questions. One, why did the Civil War happen? Two, how was the Civil War fought? Three, What was the impact of the Civil War and events surrounding its conclusion?

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### COLLEGE U.S. GOVERNMENT/WU

Credit: 1  
Course Number: 19060  
Grade Level: 11, 12  
Fees: assessed by participating college/university  
Prerequisite: 3.0 GPA. teacher/counselor recommendation

This dual-credit course aligns itself with PO 106 – Government of the United States at Washburn University. Such topics will include the theory, organization, and functioning of our democratic government in modern society with special emphasis on the national government and its relations with the states. The role of government in a democratic society as a supplier of services, the embodiment of values and the arbiter of conflict is stressed. Particular emphasis will be placed on active participation.

### COLLEGE U.S. HISTORY/WU

Credit: 1  
Course Number: 19055  
Grade Level: 11, 12  
Fees: assessed by participating college/university  
Prerequisite: 3.0 GPA. teacher/counselor recommendation

This course in U.S. History is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students should learn to assess historical materials--their relevance to given interpretive problems, their reliability, and their importance--and to weigh the evidence and interpretations presented in historical scholarship. A dual credit United States History course should thus develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format. Furthermore, students will research and create a project on a historical topic of their choice. Students are expected to compete in History Day.

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### GENERAL PSYCHOLOGY

Credit: .5  
Course Number: 12303  
Grade Level: 11, 12  
Fees: none  
Prerequisite: none

A brief overview of the basic areas of psychology including History, Learning, Memory and Thought, Body and Behavior, Sensation and Perception, Infancy and Childhood, Adolescence.

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### GOVERNMENT & PUBLIC ADMINISTRATION

#### FUNDAMENTALS

Credit: .5  
Course Number: 12330  
Grade Level: 10, 11, 12  
Fees: none  
Prerequisite: none

This course will look at meeting the needs of the U.S. culture through positions within Government and Public Administration. Topics will include the role of government in providing services for the US population, the impact of the U.S. on other nations as well as the impact of other nations on the U.S. and the professional traits required of those in this field. In addition, it will look at the

problem solving and critical thinking processes, and the leadership and teamwork practices.

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### **HISTORICAL RESEARCH PROJECT**

Credit: .5 (1st Semester)  
Course Number: 12900  
Grade Level: 9, 10, 11, 12  
Fees: none  
Prerequisite: none

This course would provide students the opportunity to choose a historical topic then develop a large body of research on the chosen topic. The research piece will focus on the accumulation of both primary and secondary sources. Thesis development will be examined as well the use of sources to support the argument devised within the thesis statement. Students will create an annotated bibliography and process paper explaining the research and project development process. Lastly, the creation of a final product in the form of either a documentary, exhibit, website, research paper, or dramatic performance will occur. The expectation is that each student will then enter their final project in either the History Day competition or the Unsung Hero competition.

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### **INTRODUCTION TO GOVERNMENT & PUBLIC**

#### **ADMINISTRATION**

Credit: .5  
Course Number: 12340  
Grade Level: 9,10, 11, 12  
Fees: none  
Prerequisite: none

This course will introduce students to the knowledge and skills of serving the general public in a variety of occupations. Topics will include identifying personal strengths and weaknesses and setting career goals, leadership, teamwork and problem solving, analyzing leadership roles and identifying leadership opportunities within the school.

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### **INTRODUCTION TO LAW PUBLIC SAFETY AND SECURITY (LPSS)**

Credit: .5  
Course Number: 12640  
Grade Level: 9, 10, 11, 12  
Fees: none  
Prerequisite: none

This course allows students to be exposed to concepts in law, corrections, and security in preparation for careers in the legal system including lawyers, police officers, first responders, probation officers, corrections officers, and security.

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### **LAW ENFORCEMENT I**

Credit: 1  
Course Number: 12645  
Grade Level: 10, 11, 12  
Fees: none  
Prerequisite: Introduction to LPSS

This course exposes students to applications of law including criminal law and juvenile justice; the nature of crime, law, and criminal justice; the police and law enforcement; maintaining custody of prisoners; search and seizure; history of law enforcement; day to day law enforcement operations; models of policing; and ethics.

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### **LAW ENFORCEMENT II**

Credit: 1  
Course Number: 12650  
Grade Level: 11, 12  
Fees: none  
Prerequisite: Law Enforcement I

This course exposes students to applications of law enforcement including sources of criminal law and standards; criminal law and trials; individual rights and liberties; statutes and their use; and search and seizure.

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### **MODERN WORLD HISTORY**

Credit: 1  
Course Number: 12306  
Grade Level: 9  
Fees: none  
Prerequisite: none

This is a year-long, survey course in modern world history. The Modern World History timeline spans more than 600 years, beginning with events of the 14th century and culminating with events of the 20th. Topics include: the Renaissance; European Exploration at a time of East Asian Isolation; the Enlightenment; the American, French and Haitian Revolutions; the Industrial Revolution and economic systems; the Rise of Nationalism and New Imperialism; World War I and World War II. Throughout the course, students will practice and become proficient at completing the historical process. Students will spend time analyzing primary sources, drawing conclusions about the past and using evidence to support their opinions. Students will also explore how events of the past continue to impact the world today.

## MUSEUM STUDIES

Credit: .5  
Course Number: 12630  
Grade Level: 11, 12  
Fees: none  
Prerequisite: none

This course has been designed and created to promote student leadership, curate student historical skills, and develop student community/school outreach. Through this course students will learn to create historical exhibits using archival materials from the Seaman Historical Society. Students will also create community/school outreach programs intended to educate and promote the history of the Seaman School District as well as the development and proper handling and preservation of archival materials. Students will also learn leadership skills through the management of the museum, curation of exhibits, and proper preservation and cataloging of archival materials of the Seaman Historical Society. Additionally, students will learn highly technical skills related to the field of archival preservation through the creation, digitization and maintenance of the SHS Memory web portal.

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## PRACTICAL LAW

Credit: .5  
Course Number: 12345  
Grade Level: 12  
Fees: none  
Prerequisite: none

This course will study the basic legal principles common to a broad base of everyday business activities and will provide practical law information necessary to develop problem-solving skills in our legal society. Topics include, but are not limited to, criminal law, juvenile law, torts, family law, discrimination, writing a brief and employee rights.

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## RACE & ETHNIC RELATIONS

Credit: .5  
Course Number: 12507  
Grade Level: 10, 11, 12  
Fees: none  
Prerequisite: none

The purpose of this course is to promote positive interaction among and awareness of cultural groups in America. Emphasis will be placed upon research, presentations, enrichment activities, and individual projects that will be used to build unity at school and in the community.

## U.S. GOVERNMENT I: THE CONSTITUTION & THREE BRANCHES

Credit: .5  
Course Number: 12600  
Grade Level: 12  
Fees: none  
Prerequisite: none

This course is designed to give students a better understanding of basic governmental principles underlying the Constitution by studying it in detail and then applying that knowledge to the study of each of the three branches of government. Students will synthesize this information by participating in a simulation (either a mock trial or a model legislature).

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## U.S. GOVERNMENT II: CIVIL & CRIMINAL RIGHTS

Credit: .5  
Course Number: 12607  
Grade Level: 12  
Fees: none  
Prerequisite: none

Students will examine the guarantees established in the Constitution and trace their development over the course of its history. The focus of this class will be on the federal court system and the guarantees established in the Bill of Rights- especially freedoms of religion, speech, press, assembly and petition, privacy, and equal justice under the law.

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## U.S. HISTORY I-II

Credit: 1  
Course Number: 12402  
Grade Level: 11, 12  
Fees: none  
Prerequisite: none

First Semester (I) Topics to be covered include: industrialization, immigration, The Reform Era, World War I, social changes of the 1920's, the great Depression and the New Deal. Second Semester (II) topics to be covered include: World War II, the Cold War, Civil Rights; economic, social, and political issues of the 1960's through the present.

## **WORLD GEOGRAPHY**

Credit: .5

Course Number: 12310

Grade Level: 9, 10, 11, 12

Fees: none

Prerequisite: none

This course is designed to aid students in gaining a better understanding of differences and similarities between major regions of the world. Political subdivisions and important physical features will be covered, as well as map-reading skills. Emphasis will be on the interaction between land and people, including such topics as landforms, climate, history, resources and land use, linkages, and population.

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## **WORLD HISTORY II**

Credit: .5

Course Number: 12308

Grade Level: 10, 11, 12

Fees: none

Prerequisite: none

This course is designed to serve as an introduction to the history of ancient civilization. The study of some of the world's great civilizations including Mesopotamia, Egypt, Greece, Rome, China, India, and Mesoamerica. Civilizations such as the Incas and the Aztecs will be emphasized.

## WORLD LANGUAGES

	9	10	11	12
Chinese I	x	x	x	x
Chinese II		x	x	x
French I		x	x	x
French II	x	x	x	x
French III				x
German I	x	x	x	x
German II		x	x	x
German III			x	x
German IV				x
Spanish I	x	x	x	x
Spanish II	x	x	x	x
Spanish III		x	x	x
Spanish IV			x	x
Spanish Language And Culture Advanced Placement				x
Spanish For Heritage Speakers	x	x	x	x

### CHINESE I

Credit: 1

Course Number: 4350

Grade Level: 9, 10, 11, 12

Fees: none

Prerequisite: none

This beginning language class introduces students to the Mandarin Chinese language in a cultural context with an emphasis on producing meaningful, authentic communication. Students will develop proficiency in listening, speaking, reading and writing and will also learn Chinese songs and games, write calligraphy, make traditional Chinese food, and celebrate Chinese holidays.

### CHINESE II

Credit: 1

Course Number: 4355

Grade Level: 10, 11, 12

Fees: none

Prerequisite: Chinese I

This course will further develop students' language skills producing meaningful, authentic communication and foster deeper levels of cultural understanding. After successfully completing this course, students will reach a survival level of Chinese listening, speaking, reading, and writing which will allow them to communicate when traveling to China.

### FRENCH I

Credit: 1

Course Number: 4300

Grade Level: 10, 11, 12

Fees: none

Prerequisite: none

This course introduces students to the French language and cultures of different French-speaking countries. Students will learn elementary vocabulary and simple, but necessary, expressions. Skills and basic proficiency in reading and writing, listening and speaking the French language will be created and developed. Pronunciation and phonetics will be developed through verbal communication and listening activities in the classroom. Elementary grammar points will be covered and by the end of the year, the student should be able to converse in simple French. Students will also learn about and experience some aspects of French culture, such as history, geography, customs, holidays and foods.

### FRENCH II

Credit: 1

Course Number: 4302

Grade Level: 11, 12

Fees: none

Prerequisite: French I

Continuing where French I ended, this course reinforces and expands skills learned in Beginning French. The student will continue to develop listening and speaking skills through conversation and lab activities. Reading and writing skills will develop through exposure to short texts in French, and through the writing of short compositions in French. While new vocabulary is introduced, the focus is more on grammar and structure, allowing the students to express themselves in new ways. Exposure to culture continues throughout the year, giving students the opportunity to discover new aspects of the French people, as well as the people of other franc phonic countries.

### FRENCH III

Credit: 1

Course Number: 4500

Grade Level: 12

Fees: none

Prerequisite: French II

Students will further sharpen their linguistic skills in a more independent environment. Proficiency in reading and writing, listening and speaking will continue to improve as students work towards a basic fluency in French. Students will continue to write longer, more involved compositions and read short stories in French.



Verbal communications will focus on the specialized vocabulary and will include words of expressions necessary for real-life situations. Internet research and activities will be used to supplement the text, as students learn more about French-speaking countries and the diversity of the people who live there. Cultural studies will focus on history and art, culminating in a trip to the Nelson-Atkins museum in Kansas City. This class may be taken for dual Washburn credit with a 3.0 cumulative GPA.

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### GERMAN I

Credit: 1  
Course Number: 4304  
Grade Level: 9, 10, 11, 12  
Fees: none  
Prerequisite: none

In this introductory, yearlong course, German is taught in a cultural context, allowing students not only to learn another language but to also increase their knowledge about Germany and other German-speaking countries in Europe. At the end of the school year, students are expected to understand and use spoken and written German for communication in selected everyday situations.

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### GERMAN II

Credit: 1  
Course Number: 4306  
Grade Level: 10, 11, 12  
Fees: none  
Prerequisite: German I

In this course students will build and expand on what they learned in German I, increasing their knowledge and understanding of German language and culture. They may participate in the exchange program with our partner school in Marburg, Germany. At the end of the year, students should demonstrate increased fluency and proficiency in the use of German in everyday situations.

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### GERMAN III

Credit: 1  
Course Number: 4501  
Grade Level: 11, 12  
Fees: none  
Prerequisite: German II

In this course students will build and expand on what they learned in German I and II, further deepening their knowledge and understanding of the German language and culture. Students must be willing and able to work more independently than during their first two years.

They may participate in our exchange program. At the end of the year, most students are expected to function reasonably well if placed in a German-speaking environment. This class may be taken for dual Washburn credit with a 3.0 cumulative GPA.

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### GERMAN IV

Credit: 1  
Course Number: 4503  
Grade Level: 12  
Fees: none  
Prerequisite: German III

Any student who has successfully completed German III and wants to continue the study of German may enroll. Students will write and speak German in a variety of situations to increase vocabulary, improve reading comprehension, and further develop oral and written composition skills. Students may also participate in the exchange program.

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### SPANISH I

Credit: 1  
Course Number: 4308  
Grade Level: 9, 10, 11, 12  
Fees: none  
Prerequisite: none

By the end of Spanish I, most students will operate at the novice-mid level of language learning in accordance with the revised Kansas World Language Standards, 2017. Students will express themselves in conversations on familiar topics using a variety of words, phrases, simple sentences, and questions that have been practiced. Learners understand words, phrases, and formulaic language that have been practiced. They get meaning of the main idea from simple, highly predictable oral or written texts with strong visual support. Learners communicate information on familiar topics using a variety of words, phrases, and sentences that have been practiced (Communication). Students begin to interact with cultural competence & understanding. They begin to develop insight into the connection of language and culture and compare their own with that of the Spanish speaking world (Culture/Comparison). Learners begin to build knowledge of other disciplines while using the target language to develop critical thinking skills and to solve problems creatively (Connections).

Middle School students who have successfully completed Spanish I should enroll in Spanish II. Middle school students who plan to take AP Spanish Language are encouraged to begin with Spanish I as an 8th grader.

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## SPANISH II

Credit: 1

Course Number: 4310

Grade Level: 9, 10, 11, 12

Fees: none

Prerequisite: Spanish I

By the end of Spanish II, most students will operate at the novice-high level of language learning. They will expand on expressing self and participating in conversations on familiar topics using sentences and series of sentences. Learners handle short social interactions in everyday situations. They can communicate about self, others, and everyday life. Students understand main ideas and supporting details on familiar and some new concrete topics from a variety of more complex texts that have a clear, organized structure. They continue to relay information and express self with details and organization on familiar and some new concrete topics using short paragraphs (Communication). Students are more confident in interacting with cultural competence and understanding. They expand on their knowledge of the nature of language and culture and compare their own with that of the Spanish speaking world (Culture/Comparison). Learners continue to build, reinforce, and expand their knowledge of other disciplines while using the target language to develop critical thinking skills and to solve problems creatively (Connections).

Middle school students who have successfully completed Spanish II should enroll in Spanish III their freshmen year.

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## SPANISH III

Credit: 1

Course Number: 4302

Grade Level: 10, 11, 12

Fees: none

Prerequisite: Spanish II

By the end of Spanish III, most students will operate at the intermediate-low level of language learning. They will expand on expressing self and participating in conversations on familiar topics using sentences and series of sentences. Learners handle short social interactions in everyday situations. They can communicate about self, others, and everyday life. Students understand main ideas and supporting details on a variety of texts, listening assignments, and be able to express it verbally in target language. They continue to relay information and express self with details and organization on familiar and some new concrete topics using short paragraphs (Communication). Students are more confident in interacting with cultural competence

and understanding. They expand on their knowledge of the nature of language, grammar, and culture and compare their own with that of the Spanish speaking world (Culture/Comparison). Learners continue to build, reinforce, and expand their knowledge of other disciplines while using the target language to develop critical thinking skills and to solve problems creatively (Connections).

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## SPANISH IV

Credit: 1

Course Number: 4510

Grade Level: 11, 12

Fees: AP exam fee (Optional)

Prerequisite: Spanish III

This course is designed for students that have successfully completed Spanish III, or two years of Spanish for Heritage Speakers, and intend to take AP Spanish Language and Culture the following year. By the end of Spanish IV, most students will be at the intermediate-mid level of language proficiency. This course will continue to focus on the four major skills of language learning: listening, reading, writing, and speaking. Students will be able to communicate about self, others, and familiar, everyday topics while working to build skills and knowledge to navigate unexpected situations and problems. They will be able to identify the main idea and supporting details in simple texts while being exposed to literature and other more complex, authentic resources designed for native speakers. Spanish IV students will work to produce organized and detailed writing on familiar topics at the paragraph level. They will continue to explore and develop cultural competencies in comparing their own culture to that of the Spanish-speaking world, while developing critical thinking skills to solve problems creatively both inside and outside of the Spanish classroom. Grammar structures from previous Spanish courses will be reviewed and refined, along with acquiring a larger academic vocabulary base to facilitate communication and support student success in future Spanish courses and/or other real-world applications.

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## AP SPANISH LANGUAGE AND CULTURE

Credit: 1

Course Number: 4514

Grade Level: 12

Fees: none

Prerequisite: Spanish IV

The AP Spanish Language and Culture course emphasizes communication by applying interpersonal, interpretive, and presentational skills in real-life

situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish. The AP Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products; practices, and perspectives.

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### **SPANISH FOR HERITAGE SPEAKERS**

Credit: 1

Course Number: 4520

Grade Level: 9, 10, 11, 12

Fees: none

Prerequisite: Students must be Bilingual  
(Spanish/English)

Students' Spanish skills would be evaluated and we would focus on areas in need of improvement. In addition, we would explore Spanish-speaking countries, as well as growing up/being bi-cultural in the U.S.

# WASHBURN INSTITUTE OF TECHNOLOGY

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## ADVANCED SYSTEMS TECHNOLOGY

Credit: 1.5 per semester

Grade Level: 11, 12

Fees: assessed by WUIT

Prerequisite: Qualifying ACCUPLACER Test Score

The Industrial Technology course includes instruction in electrical theory, basic wiring, and introduction to programming logic controls. Also studied are electrical safety, lockout/tagout, electromagnetic motor controls, 3-phase/single phase/DC motors, electrical, mechanical blueprint, schematic reading, PLC's, hydraulic and pneumatic systems. Careers in this area include maintenance mechanic, PLC technician/mechanic, conveyor maintenance mechanic, and machine repair.

## AUTO COLLISION REPAIR

Credit: 1.5 per semester

Grade Level: 11, 12

Fees: assessed by WUIT

Prerequisite: Qualifying ACCUPLACER Test Score

The course includes all phases of auto body repairing and repainting, the use of modern hand and power tools and equipment, as well as handling typical auto body repair jobs. Related theory and technical instruction includes the study of physical principles of metals and fiberglass, principles of welding, finishing materials, paint, lacquers, and terminology used in the auto body repair industries.

## AUTOMOTIVE SERVICE TECHNICIAN

Credit: 1.5 per semester

Grade Level: 11, 12

Fees: assessed by WUIT

Prerequisite: Qualifying ACCUPLACER Test Score

The automobile course includes areas of training as follows: engine overhaul, carburetors, brakes, wheel alignment, tune-up, electrical systems and power trains. Related theory and technical study includes the study of physical principles as they relate to the construction, maintenance and servicing of automotive vehicles.

## BUILDING TECH & COMMERCIAL CONSTRUCTION

Credit: 1.5 per semester

Grade Level: 11, 12

Fees: assessed by WUIT

Prerequisite: Qualifying ACCUPLACER Test Score

This program is designed to include training in blueprint reading, masonry, drywall, AutoCAD, concrete plumbing, electrical, demolition, carpentry, and HVAC sheet metal. Upon completion of the program, the students should have opportunities for employment in the construction field.

## CABINET & MILLWORK

Credit: 1.5 per semester :

Grade Level: 11, 12

Fees: assessed by WUIT

Prerequisite: Qualifying ACCUPLACER Test Score

This program will include furniture and cabinet design, the selection of woods and other materials and the proper use of tools and machines. Students will also learn a variety of furniture construction methods as well as finishing procedures. Graduates will have employment opportunities in furniture manufacturing, home cabinet making and installation and in furniture repair and refinishing. In addition, the training would be beneficial in hardware and furniture sales careers.

## CHILDCARE

Credit: 1.5 per semester

Grade Level: 11, 12

Fees: assessed by WUIT

Prerequisite: Qualifying ACCUPLACER Test Score

The Child Care program is designed to provide training in the processes and principles of the growth and development of children from infancy through 6 years of age. Emphasis will be placed on social, emotional, physical, intellectual, motor development, and support services relating to children. Upon completion of the program, the students should have opportunities for employment in such areas as day care centers, state institutions, teacher aides, etc.

## COMPUTER REPAIR & NETWORKING

Credit: 1.5 per semester

Grade Level: 11, 12

Fees: assessed by WUIT

Prerequisite: Qualifying ACCUPLACER Test Score

Computer repair courses prepare the student to become competent computer service professionals and pass the following exams: A+ Core Hardware Service Technician, A+ Operating System Technologies, Microsoft Certified Professional, and Certified Novell Administrator (CNA). The curriculum includes microcomputers, displays, storage media, printers and operating systems (Windows 9X, Windows 2000/NT, Windows XP, and Linux), directory services, security, web services, LAN/WAN technologies, and messaging services. The

Computer Networking courses prepare students for Cisco Certified Network Associated (CCNA) and Microsoft Certified Professional (Windows 2000/2003 Server) certifications. The CCNA curriculum prepares a student to install, configure, and operate local, wide-area, and switched networks. Prospective students must pass the general entrance assessment with a level 5 in Applied Math and Reading for Information.

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### **COSMETOLOGY**

Credit: 1.5 per semester  
Grade Level: 11, 12  
Fees: assessed by WUIT  
Prerequisite:

The primary purpose of this 11 credit hour course (375 clock hours) is to train the students in the basic manipulative skills, safety judgments, proper work habits, and desirable attitudes necessary to obtain licensure and for competency in entry-level positions in cosmetology or a related field. During this course the students will conduct a series of problem solving events where teamwork as well as independent thinking is in order. This course will provide reinforcement for group activities among traditional and non-traditional students. The areas of emphasis will be Professional Development, Kansas Board of Cosmetology General Laws, Rules and Regulations, The Study of Nails, Salon Ecology, Trichology, Sculpture and Hair Design.

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### **CULINARY ARTS**

Credit: 1.5 per semester  
Grade Level: 11, 12  
Fees: assessed by WUIT  
Prerequisite:

The course includes quantity and quality food production, sanitation and safety, nutrition, use and care of equipment, service, purchasing, menu planning, and supervision management, with practical on-the-job training in a new, modern restaurant cafe.

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### **DIESEL MECHANICS**

Credit: 1.5 per semester  
Grade Level: 11, 12  
Fees: assessed by WUIT  
Prerequisite: Qualifying ACCUPLACER Test Score

The course includes repair and maintenance of several types of diesel equipment. Instruction will be given in tune-up and overhauling diesel engines, transmissions and differentials. Some of the types of engines, transmissions and differentials used will be Caterpillar, Mack, Fuller, Allison and Rockwell Easton. Course of instruction will also include tune-up and adjustment of

various types of equipment. Emphasis will be placed on safety, and the proper care and use of tools and test equipment.

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### **ELECTRICITY, HEATING & AIR CONDITIONING**

Credit: 1.5 per semester  
Grade Level: 11, 12  
Fees: assessed by WUIT  
Prerequisite: Qualifying ACCUPLACER Test Score

The course covers safety, blueprint reading, light and power equipment, and study of national electrical code. Four primary areas of Electricity: Electrical Construction, Basic Electrical theory, Basic wiring, and Residential/Commercial Electricity. Heating & Air Conditioning courses include instruction on safety, blueprint reading, gas-pipe fitting, the Uniform Mechanical Code, hydronics, both electricity and gas heating, heat pumps and advanced training in the areas of residential and commercial refrigeration and air-conditioning. The Electricity and Heating Course emphasis will prepare students for employment in electrical construction and maintenance and any of the industries utilizing heating, air-conditioning and or refrigeration.

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### **ELECTRONICS**

Credit: 1.5 per semester  
Grade Level: 11, 12  
Fees: assessed by WUIT  
Prerequisite: Qualifying ACCUPLACER Test Score

The Electronic Technology program provides instruction and skill development to prepare the student for an entry level position in the high tech fields of electronic service, maintenance, or production. The first 540 hours of the program will include the fabrication of basic electronic circuitry with discrete passive and active devices. It will also include the systematic analysis of circuit operation and troubleshooting of each circuit. The second phase of the program will integrate the knowledge of the first 540 hours into a system approach to troubleshooting high tech electronic systems used in industry, business, entertainment, medicine, and the home. Microprocessor families and peripheral devices will be included in the second year.

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## EMERGENCY COMMUNICATIONS

Credit: 1.5 per semester  
Grade Level: 12 (must be 18 years of age)  
Fees: assessed by WUIT  
Prerequisite: Qualifying ACCUPLACER Test Score

This two-semester program provides graduates with the necessary telecommunications skills and knowledge to be effective in serving the public's needs as part of the local law enforcement, emergency preparedness or any other dispatch system. Our 19-credit hour program includes classroom and clinical instruction including contact hours with dispatchers from both county and city law enforcement offices. Upon successful completion, you will receive a technical certificate from the Kansas Board of Regents and be prepared to take the NIMS certification exam. You must be 18 years of age by March 1, 2017, to enroll in this program.

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## EMERGENCY MEDICAL TECHNICIAN

Credit: 1.5 per semester  
Grade Level: 11, 12 (must be 17 years of age)  
Fees: assessed by WUIT  
Prerequisite: Qualifying ACCUPLACER Test Score

This one semester program prepares students for this fast-paced job. It is a prerequisite for becoming a paramedic, and is recommended for students interested in careers in which they might be considered a first-responder such as a firefighter or policeman.

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## GRAPHICS TECHNOLOGY

Credit: 1.5 per semester  
Grade Level: 11, 12  
Fees: assessed by WUIT  
Prerequisite: Qualifying ACCUPLACER Test Score

The Graphics/Printing/Photo Technology program provides background fundamentals to many graphic arts occupations, both in laboratory experiences and related study. Shop experience includes the following: composition, electronic/desktop publishing, layout and design, darkroom procedures, use and operation of photographic equipment as related to printing, stripping, plate making, offset press operation and bindery operations. Related theory and technical study include the areas of printing materials, production, equipment, and commercial art and layout. Keyboarding skills are recommended but not required.

## HEALTH CARE TECH (PRE-NURSING)

Credit: 1.5 per semester  
Grade Level: 11, 12 (12 Preferred)  
Fees: assessed by WUIT  
Prerequisite: Qualifying ACCUPLACER Test Score

The Pre-Nursing class is designed to introduce the students to medical terminology and basic health occupational skills that relate to the various levels of nursing. The student who successfully completes this class receives a Washburn Tech certificate and will be eligible for the CNA and Home Health Aide certificate. This is a 3-hour-per-day program for one semester.

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## LEGAL OFFICE PROFESSIONAL

Credit: 1.5 per semester  
Grade Level: 11, 12  
Fees: assessed by WUIT  
Prerequisite: Qualifying ACCUPLACER Test Score

The legal secretary program provides students with the training necessary to become an integral member of an attorney's office, judge's office or the legal office of a corporation. Specialized courses of study include business law, legal terms, legal forms, and legal transcription in addition to general office skills. Completing students must type 60 wpm. All applicants should have a basic typing skill of 40 wpm.

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## MACHINE TOOL TECHNOLOGY

Credit: 1.5 per semester  
Grade Level: 11, 12  
Fees: assessed by WUIT  
Prerequisite: Qualifying ACCUPLACER Test Score

The Machine Tool course provides an opportunity to train in the operation of machine tools including the following: engine lathe, shaper, milling machine, surface grinder, universal grinder, internal and external cylindrical grinding, cutter grinder, Rockwell hardness tester, drill press, hydraulic controlled tracer machines and optical comparator. Related and technical information includes metallurgy, heat treating, blueprint reading, sketching, micrometers, angles, tapers, gearing, fractions, and decimals.



## MEDICAL OFFICE SPECIALIST

Credit: 1.5 per semester

Grade Level: 11, 12

Fees: assessed by WUIT

Prerequisite: Qualifying ACCUPLACER Test Score

A medical secretary is a member of the medical team. Their chief concern is with medical grammar, ability to comprehend and follow instructions, ability to be accurate in detail and a professional approach toward confidential information.

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## NURSING ASSISTANT

Credit: 1.5 per semester

Grade Level: 2nd semester seniors

Fees: assessed by WUIT

Prerequisite: Qualifying ACCUPLACER Test Score

The Nursing Assistant program is the beginning level for members of the health care team. The program is 18 days, full-time, 138 hour course, designed to prepare men and women over 16 years of age, in providing basic personal care to patients in a hospital or nursing home, under the supervision of a L.P.N. or R.N.

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## OFFICE CAREERS TECHNOLOGY

Credit: 1.5 per semester

Grade Level: 11, 12

Fees: assessed by WUIT

Prerequisite: Qualifying ACCUPLACER Test Score

This program is designed to enable students to enter the workforce with marketable skills for entry-level office positions and training to enable students to move into more advanced positions.

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## PHLEBOTOMY

Credit: 1.5 per semester

Grade Level: 11, 12

Fees: assessed by WUIT

Prerequisite: Qualifying ACCUPLACER Test Score

This one semester program prepares for blood draws and needle work. This program is recommended for students going into nursing or the medical field.

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## PRACTICAL NURSING

Credit: 1.5 per semester

Grade Level: 2nd semester seniors

Fees: assessed by WUIT

Prerequisite: Qualifying ACCUPLACER Test Score

The Practical Nursing program provides an opportunity for the student to learn basic scientific principles and concepts of nursing related to nursing care of mothers

and infants, children, individuals with common medical and surgical conditions, the aged, and individuals with mental and emotional problems. After satisfactory completion of the program, the practical nurse is eligible to take the state examination to be licensed.

Prerequisites include college Anatomy and Physiology.

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## TECHNICAL DRAFTING

Credit: 1.5 per semester

Grade Level: 11, 12

Fees: assessed by WUIT

Prerequisite: Qualifying ACCUPLACER Test Score

The course includes instruction in all phases of drafting, the proper use of drafting tools and machines, preparing reproductions and writing specifications. Related theory and technical instruction includes the study of algebra, geometry and trigonometry, as well as scientific and physical principles of numerous construction and manufacturing materials. In addition, this instruction will include the study of construction, manufacturing and drafting technology and (CAD) computer aided drafting.

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## WELDING

Credit: 1.5 per semester

Grade Level: 11, 12

Fees: assessed by WUIT

Prerequisite: Qualifying ACCUPLACER Test Score

The Welding course provides training in the following areas: oxy-acetylene welding in the flat, vertical and overhead positions, manual flame cutting of cast iron and steel, heli-welding of aluminum and stainless steel in the flat and vertical positions, sigma welding in the flat and vertical, arc in the flat, vertical, horizontal, and overhead positions. Related and technical information includes: metallurgy, tempering, heat treating, blueprint reading, identification of metals, expansion and contraction of metals, principles of oxy-acetylene processes and general welding processes.

## GENERAL COURSE OFFERINGS

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### ACT PREPARATION

Course Number: 1600  
Grade Level: 10-12  
Duration: .5 semesters  
Fees: \$39.99  
Prerequisite: none

Students may enroll after they have taken a practice ACT test providing data to ACT. Data is used through ACT Academy to formulate a prescriptive course of study for each individual student based on their strengths and deficits. The goal for taking this course is to raise both composite and subject-area ACT scores.

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### AIDES AND ASSISTANTS

Juniors and seniors may enroll as proctors in all offices, and as assistants in the library, and with some classroom teachers as requested by the teachers. Individuals who wish to help in the daily operations of administrative or counseling offices, or in the library or should apply to the office of their choice and make sure their name is listed. Students applying for these positions must have excellent attendance. Teacher assistants should interview with the teacher and then secure an application for this position from the counseling center before enrollment. To complete the application, the teacher must list the activities the student agrees to do. One half credit is awarded at the end of the semester. A grade of pass or fail will be assigned. Assistants will receive credit or no credit. (This grade will not affect the grade point average for the purpose of determining class rank.) Students wanting to be teacher assistants must have approval through an assistant principal's office. In order to be named Summa Cum Laude, students cannot serve as a library, office, or teacher assistant at the high school.

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### AVID (ADVANCEMENT VIA INDIVIDUAL DETERMINATION)

Course Number: 1610  
Grade Level: 9-10  
Duration: 2 semesters  
Fees: none  
Prerequisite: Selection process

The AVID course is an elective class for students who are college-bound. The AVID curriculum focuses on writing, inquiry, collaboration and reading (WICR) through the AVID High School curriculum in both teacher

and tutor-led activities. While concurrently enrolled in a college-prep course of study (honors, dual-credit, and AP courses), students learn strategies to enhance success. Note-taking, outlining, writing, speaking, reading, test-taking strategies, and self-awareness are stressed. In addition, the course includes college motivational activities and intensive preparation for ACT, SAT

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### AVID (ADVANCEMENT VIA INDIVIDUAL DETERMINATION)

Course Number: 1620  
Grade Level: 11-12  
Duration: 2 semesters  
Fees: none  
Prerequisite: AVID 10th

AVID for the junior and senior years prepares students for entrance into four-year colleges by emphasizing analytical writing, preparation for college entrance and placement exams, college study skills, oral language development, note taking, and research. Students continue to be enrolled in a college-prep course of study (honors, dual-credit, and AP courses). Students are expected to participate in, and eventually act as moderators for, Socratic Seminars. In addition, students are required to make oral presentations to the class on topics related to career searches, contemporary issues, and social concerns, all the while focusing on a culminating senior paper, portfolio, and/or project.

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### COLLEGE AND CAREER READY INTERNSHIP

Course Number: 5560

This course is designed for the graduating senior. Preparing students for the work environment is a critical component of his/her educational experience. The course is designed to afford students the opportunity to be matched with a career/business mentor in an active engagement of hands-on application of 21st Century employability skills. Students spend their Mondays on campus working on employability skills and prep work for post-secondary education. Block days are spent with their career mentor. Students must apply to the program. Requirements include: 95% attendance, minimal discipline points, recommendation from two teachers, and graduation requirements are met.



## CAREER AND LIFE PLANNING (CALP)

Course Number: 99510

Career and Life Planning addresses individual plans of study through Career Cruising, student led conferences, social emotional curriculum, digital citizenship curriculum, and provide opportunities for receiving individualized curriculum help from classroom teacher.

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## COLLEGE ONLINE INDEPENDENT STUDY

Course Number: 19050

With administrative permission, a senior may take an online course during the school day as one of seven classes available. An online course may not be used as a substitute for an SHS or WU Dual Credit Course without specific administrative permission. Additional fees for online classes will be charged and payable to the university, and students must supply proof of enrollment and proof of payment prior to beginning class. Credit and grades for online courses will be handled similarly to dual credit courses taught at SHS.

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## DIRECTED STUDIES

Course Number: 750

The Directed Studies program at Seaman High is designed to help students recover credits previously missed or (in the case of transfer students) earn credits that were not required at a previous school, but are required at Seaman High. Generally, enrollment in the program replaces an elective credit. The curriculum for the Directed Studies program is delivered through Edgenuity, an on-line program. It is an all-encompassing curriculum designed to meet the requirements of the particular course in which students are enrolled. In some cases, students may earn more than one credit during a single semester by demonstrating mastery of material at an accelerated pace. If a student fails their Directed Studies course, he/she may not re-enroll in the program the next semester.

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## TEACHING INTERNSHIP

Credit: 1

Course Number: 5535

Qualifications: KBOR elective

Grade Level: 11, 12

Fees: \$18/semester

Prerequisite: Exploring Teaching I

Students will participate in a year-long teaching internship. Students will be placed with a cooperating teacher at the early childhood, elementary, middle or

secondary level to assist with lesson preparation and other duties as specified by the cooperating teacher. This placement will provide approximately 36 hours of work-based learning per semester.

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## GIFTED PROGRAM - STUDENT DIRECTED STUDY

Course Number: 5610

This course is designed to meet the needs of highly-motivated students with Gifted IEPs who require instructional opportunities not available in the general education setting. Students pursuing an IEP goal that requires specially designed instruction, direct facilitation from the gifted educator, and time built into their regular schedule are encouraged to request this class. Examples of study include, but are not limited to: deep investigation into a topic of interest; intensive preparation for college admissions; development of advanced skills including research, design-thinking, and leadership. Students must submit an application to the gifted facilitator outlining a plan of study and receive approval prior to enrolling.

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## INDEPENDENT STUDY

Course Number: 500

Independent study is designed to afford individual students an opportunity to pursue an area of special interest in breadth or in depth, and thus expand the offerings in our educational program. To qualify, a student should have at least a "B" average in his schoolwork. The project must be arranged with a teacher prior to enrollment. Upon satisfactory completion of the proposed plan, one-half credit or one full credit shall be awarded (depending upon the length and difficulty of the study). The sponsoring teacher has the right to give no credit if the project is not completed. Teachers will limit independent study students to two per semester.

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## INTERPERSONAL SKILLS

Credit: .5

Qualifications: 5350

Grade Level: 10, 11, 12

Fees: \$10

Prerequisite: Teacher Recommendation

Interpersonal Skills encourage self-examination and critical thinking relative to adult living. Areas of study include understanding oneself and others, dating, long-term committed relationships, family systems, financial responsibility, parenting, and the life cycle. The course content encourages the development of the skills necessary for successful relationships in today's

changing world. General education students will serve as peer models when paired with special education students.

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### **JOBS FOR AMERICA'S GRADUATES (JAG-K)**

JAG-K is an in-school, elective class that is taught by a JAG-K Career Specialist. The Career Specialist teaches JAG-K students employability skills, career and leadership development skills and helps with academic remediation. All JAG-K students are also required to serve at least 10 hours of community service each year.

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### **LIFE SKILLS**

Fees: \$35

Life Skills (LS) class is designed to meet the needs of students with exceptionalities. Students will learn functional skills in academics, daily living, vocational, along with recreation/leisure skills through community participation. This class is designed to engage students with varying skill levels and life experiences. Student is recommended by their special education primary implementer.

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### **PEER MENTORING**

Credit: 1

Grade Level: 11, 12

The Peer Mentoring program will provide students the opportunity to help support the educational studies of students within our special education program by providing academic support within the classroom setting. The Peer Mentoring program will give students the opportunity to build meaningful relationships with their peers while providing valuable educational support. This class will also help students to explore the role of a paraeducator and teacher as they consider future careers.

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### **TEACHING OBSERVATION**

Credit: .5

Prerequisite: Intro to FACS or Success 101

Grade Level: 10, 11, 12

This course allows students to observe teachers in the classroom. Students will analyze concepts and requirements that lead to effective instruction, analyze the physical space and climate in which instruction will occur, analyze effective teaching skills within a learning environment and lastly analyze the preparation for a teaching role.

## **WORK BASED LEARNING**

Course Number: 22998

Work Based Learning provides students with an opportunity to gain work experience. Goals are typically set cooperatively by the student, teacher, and employer. This course may include classroom activities as well, involving further study of job seeking skills or discussion regarding experiences that students encounter in the workplace. Students will earn credit by completing a minimum of 60 hours in the employment environment or the same number of hours in job seeking activities, including completing applications, writing resumes, practicing interview skills or employment conflict resolution. Students must provide their own transportation to work sites.

## COUNSELING SERVICES/INFORMATIONAL ITEMS

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### AP- ADVANCED PLACEMENT COLLEGE BOARD COURSES

- Advanced Placement (AP) courses will now be available for 10th grade without GPA requirement.
- Courses are designed by committees of college faculty and experienced AP teachers.
- Research is conducted and data analyzed to ensure high academic standards.
- Students learn content in a rigorous environment, develop time management skills, and engage in problem-solving development.
- Signal to colleges student focus on their education and willingness for rigor.

#### Courses that will offered at SHS:

- AP European History
- AP Studio Art 2-D
- AP English Language and Composition
- AP English Literature and Composition
- AP United States Government and Politics
- AP United States History
- AP Calculus AB
- AP Computer Science Principles
- AP Research
- AP Seminar
- AP Spanish Language and Culture

At the end of a course students take a test and the score determines if the student will be exempt from a course at a given college. Students opting to taking the AP exam must pay the AP exam fee. Exam scores possible are 1,2,3,4,5. Scores of 3 and above accepted by nearly all US colleges and over 100 countries. Each university determines its policies regarding AP Exam scores. AP reports a study that students scoring a 3 or higher on AP exams experience greater academic success and higher graduation rates. Students can check what universities accept:

<https://apstudent.collegeboard.org/creditandplacement/research-credit-policies>

### ASSESSMENTS—DISTRICT AND STATE

- MAP: This test is designed to measure the students' academic progress in reading and math. The test adapts to each student's comprehension level. The results show what the student is ready to learn and other accurate, useful information. This test is given to freshmen.

- Kansas Assessments: These exams are designed by the State of Kansas to evaluate students in the areas of math, science, reading, and writing. Students take the assessments when teachers determine they are ready, but students must take the assessments prior to the end of their junior year.
- PSAT/NMSQT: (Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualification Test) This is a multiple choice test that measures verbal, mathematical reasoning and writing abilities important for success in college. This is a voluntary test for any junior wishing to qualify for the National Merit Scholarship program.
- ACT : (American College Test) This test is required for college-bound seniors that are planning to attend any Kansas college and many out-of-state colleges. The four areas covered are mathematics, reading, English and science reasoning. To be eligible for most academic scholarships, the student must take this test on the October or December dates.
- SAT : (Scholastic Aptitude Test) Many out of state colleges will require this test. It covers mathematics, language arts, and science reasoning. The student should check with the specific college of his/her choice for their requirements. Tests are usually scheduled for October, November, December, January, March, May, and June. For specific testing dates and registration information, go to [www.collegeboard.com](http://www.collegeboard.com).

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### CEP- CONCURRENT ENROLLMENT PROGRAM (DUAL CREDIT) WITH WASHBURN UNIVERSITY

- Juniors and Seniors with a 3.0 grade point average (GPA) may enroll in 2 CEP courses per semester.
- Students must apply at the University of Washburn for CEP enrollment
- Seaman students pay 50% of the per credit hour tuition, \$146. (1 credit = \$292.00)
- Courses offered for the Spring are:
- The curriculum is designed by Washburn faculty and they provide oversight.
- Most courses are 3 credit hours, only Spanish is 4 credit hours because it is a year long course.
- A student enrolling in 4 courses a year earns 12 credits for \$1752.00.
- Board of Regents, the governing board of the state's universities and public higher educational institutions, schools accept credits earned at Washburn.

- Many out of state universities accept credits the credits.

Enrollment in Washburn University CEP courses is limited to juniors and seniors with a 3.0 (cumulative) high school GPA or higher and who have the recommendation of their high school guidance counselor.

Exceptional sophomores may also enroll in CEP courses with the permission of the College of Arts and Sciences dean. CEP students are further limited to enrollment in six credit hours of CEP work in a given semester, unless an exception is requested from the dean of the College of Arts and Sciences.

Participation in a CEP course is a privilege for students who have been endorsed by their counselor and admitted into the program by Washburn University. Students are expected to demonstrate active engagement in the course, demonstrate a commitment to learning and conscientiously achieve the objectives outlined in course syllabi.

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#### COUNSELORS

For sophomores through seniors, there is one counselor per division of the alphabet A-G, H-O, and P-Z. There is another counselor dedicated to the Freshmen Center. They will aid students in career planning, college selection, scholarship applications, testing, technical school applications, and personal help.

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#### FEES

Annual fees are assessed for textbook rental, technology, and parking permits. Some classes have fees for materials used. Fee amounts are provided at registration. All fees are approved by the Board of Education and subject to change each year.

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#### GIFTED EDUCATION PROGRAM

The Gifted Education Program at Seaman High School is designed as a resource/pull-out based model. The goal of the gifted program is to provide a positive resource to help those students identified as having potential for outstanding performance by virtue of superior intellectual abilities. The gifted facilitator will work with each individual student in a capacity that best fits their varied and complex needs. Intellectual needs can be met by enrolling in honors or advanced placement classes. Because of the varied interests, performance levels and needs of the students, goals will be determined at a yearly IEP (Individualized Education Program) conference.

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#### HONORS AND AWARDS PROGRAM

An evening program is held in the spring to recognize recipients of departmental honors, academic letters, presidential academic fitness awards, and major scholarships.

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#### INCOMPLETE GRADES

Only students who have been excusably absent and require additional time to complete missed work are given an incomplete grade. It is then the responsibility of the student to contact the teacher for make-up work and complete it within the required time period. Incomplete grades are to be made up no later than two weeks after a grading period ends. If more time is needed due to medical or family emergencies, it should be arranged through the administration.

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#### INTERRELATED

The interrelated program is designed to meet the needs of students who would not be able to profit from regular academic classes without special services support. Students may be referred to the program by a parent, teacher or counselor after other interventions have proven unsuccessful. Diagnostic tests for each individual student are administered in accordance with the State Department of Education requirements. If a student qualifies for the program, an individual education program (I.E.P.) is developed. When the student reaches the age of 14, an individual transition plan will be included, addressing post secondary goals. Each student's education program is unique, focusing on the needs of the student. Students are included in the general education curriculum at every level of academics in which they can be successful creating a continuum of services. Accommodations and modifications are utilized to ensure the success of all children. Educational content, level, and plans are based upon individual needs and requirements for graduation. Students needing significant curriculum modification may be enrolled in a resource class. In this setting, students will receive high school course work meeting district and state requirements for graduation in the core curriculum subjects. Preparing the student for post secondary education instruction, independent living, and the world of work are goals of the program.

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#### KANSAS SCHOLARS CURRICULUM

Students that complete this curriculum and meet the other requirements, may be designated as State Scholars, which makes one eligible to receive the Kansas State Scholarship as provided by the Kansas Legislature. The academic profile of recent scholars

include an average ACT of 30 and an average GPA of 3.91. State Scholars may receive up to \$1,000 annually for up to four undergraduate years (five, if enrolled in a designated five-year program), based on financial need and the availability of State funds. Financial need is measured by federal methodology using data submitted on the FAFSA.

Completion of the Kansas Scholars Curriculum is one of the requirements Kansas residents must meet in order to receive State Scholar designation. This occurs during the senior year of high school.

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#### PART-TIME STUDENTS

Freshman, sophomore and junior students must be enrolled for all eight class periods both semesters. Classes taken at Washburn Institute of Technology are considered the same as courses taken at the high school. Seniors must enroll in a full schedule of eight classes the first semester. Seniors may enroll part-time second semester with a written request from parents. Students must see their counselor for specific details. Students who wish to take part in athletics, theatre, musicals, and other extracurricular activities must be enrolled in at least five hours of classes of full unit weight. Teacher aide or office aide classes do not qualify as full unit weight credit.

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#### PASS/FAIL OPTIONS

Junior or senior students may elect to take any one of his/her subjects each semester on a pass/fail basis for a maximum of one credit per year and no more than two such credits shall apply for graduation. It is recommended that the student and parent review his/her academic record and post high school plans with the counselor before making a decision to elect this option. Furthermore, in the current pass/fail system, an "A" earned in a class taken pass/fail shall be posted on the official transcript as an "A." If the grade earned is a "B," "C," or "D," then the grade shall be posted as "Pass" on the official transcript. If the grade earned is an "F," then a "Fail" shall be posted on the official transcript. In order to be named Summa Cum Laude, students cannot take a course pass/fail. In addition, a pass will be calculated as D for a student's core GPA for NCAA eligibility.

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#### PRE-COLLEGE REQUIREMENTS

Individual universities have different requirements. Students should consult the college catalogues in the guidance office to determine any additional prerequisites for advanced study. College-bound students should also strongly consider enrolling in a pathway as part of their electives. Please note that these recommendations vary

slightly from the Board of Regents required pre-college curriculum.

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#### PROGRESS REPORTS

Progress reports are given to students at the end of a nine weeks' period. Final grades are given at the end of each semester and only semester grades are recorded on the official transcript.

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#### PSYCHOLOGISTS

Referrals for academic or psychological testing for a student can be made by classroom teachers to the respective counselor, by a parent meeting with the counselor, or by the counselor's recommendation. The proper forms are filled out and sent to the Special Services Department, which then assigns a psychologist. Testing, staffing, and a parent meeting occurs before a student is placed with any service other than the regular classroom.

Homebound Services Students who are not able to attend classes for even one hour of one day by a doctor's decision may have academic instruction arranged for them through their assigned counselors. Parents need to call the school to inform the counselor of this need, and it is subject to administrative approval.

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#### SCHOLASTIC HONOR ROLL

At the end of each semester, Honor Rolls will be posted.

- To achieve the A Honor Roll, a student must earn a GPA of 4.0 or above on a weighted scale.
- To achieve the High B Honor Roll, a student must earn a 3.5 to 3.99 GPA on a weighted scale.
- To achieve the B Honor Roll, a student must earn a 3.0 to 3.49 GPA on a weighted scale.

Students must be working at grade level or above to be eligible for graduation honors.

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#### SOCIAL WORKER

The school social worker is a part of the total educational team, working with students who are experiencing social, emotional, or environmental problems that interfere with his/her academic success.

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#### SUMMA CUM LAUDE

- All students pursuing Summa, must take a full schedule all four-years. 64 semester classes.
- All classes must be taken for a letter grade, no classes can be taken Pass/Fail.
- All students must have classes of full weight. No aide positions.
- Students can achieve Summa by taking at least 24 semesters (12 classes) of the 32 possible

semesters (16 classes) of weighted classes and receive all A's or students can take 26 semesters (13 classes) of the 32 possible semesters (16 classes) and can have 2 semesters of B, in weighted class.

- Classes must meet the criteria below:
  - 6 semesters (3 classes) must be in English/Language Arts: Hon. FLA; Hon. SLA; Hon. JLA; AP Sem.; AP Lang. & Comp; AP Sr. Comp. & Lit.
  - 6 semesters (3 classes) must be in Math: Hon. Math I; Hon. Math II; Hon. Math III; AP Calculus
  - 2 semesters (1 class) must be in Social Studies: AP European History; AP US History; AP US Gov't
  - 2 semesters (1 classes) must be in Science: Hon. Chemistry; Hon. Physics
  - 8 or 10 semesters (3 or 4 classes) of the student's choice from the classes above or the following: AP Computer Science Principles PLTW; AP Research; AP Studio Art

Summa Cum Laude: Above Criteria

Magna Cum Lade: 4.05+ but not Summa

Cum Laude: 3.75-4.04

#### TRANSCRIPT REVIEW

Counselors watch progress toward graduation and a student's graduation progress can be found in PowerSchool. A course that has been successfully completed is listed on the graduation progress page. Periodically, junior and senior students are furnished with a copy of their graduation progress. Parents, guardians and students may access graduation progress at any time through their PowerSchool login. It is imperative that students and parents keep completely informed concerning progress toward graduation.

#### WEIGHTED SCALE v TRADITIONAL SCALE (GPA)

A: 5.0 v 4.0

B: 4.0 v 3.0

C: 3.0 v 2.0

D: 2.0 v 1.0

F: 0 v 0

#### WITHDRAWING FROM A CLASS

Students who wish to withdraw from a course may do so without penalty up to ten attendance days in the semester. If a student withdraws after the tenth day of attendance, a withdraw failing grade will be recorded on the student's transcript, unless there are extenuating

circumstances. In these cases an administrative decision will be made.

#### WU CONCURRENT ENROLLMENT PARTNERSHIP (WECEP) REQUIREMENTS

WECEP courses are limited to juniors and seniors who have at least a 3.0 cumulative high school GPA. All CEP students must attend a program orientation session. Students must pay tuition by a date determined by WU. All other WU policies apply to the CEP program (and WECEP courses) and can be found in the current edition of the University catalog and the Registration Information Guide (RIG) available online at [www.washburn.edu/academics/course-schedule](http://www.washburn.edu/academics/course-schedule)

#### College Credit Opportunities (Not Including Washburn Tech)

	9	10	11	12
Advanced Placement Calculus				X
Advanced Placement English Language and Composition			X	X
Advanced Placement English Literature and Composition			X	X
Advanced Placement European History		X	X	X
Advanced Placement PLTW Computer Science Principles		X	X	X
Advanced Placement: Research			X	X
Advanced Placement Seminar: English 10		X		
Advanced Placement Studio Art			X	X
Advanced Placement U.S. Government And Politics			X	X
Advanced Placement U.S. History			X	X
Advanced Placement Spanish Language and Culture				X
College Enjoyment of Music/WU		X	X	X
College Algebra/WU				X
College Biology Lecture & Lab/WU				X
College Intro to Literature/WU				X
College U.S. Government/WU			X	X
College U.S. History/WU			X	X
College Statistics/WU				X
College Speech/WU				X
Intermediate College Writing/WU				X
Introductory College Writing/WU			X	X
PLTW Engineering Design and Development			X	X