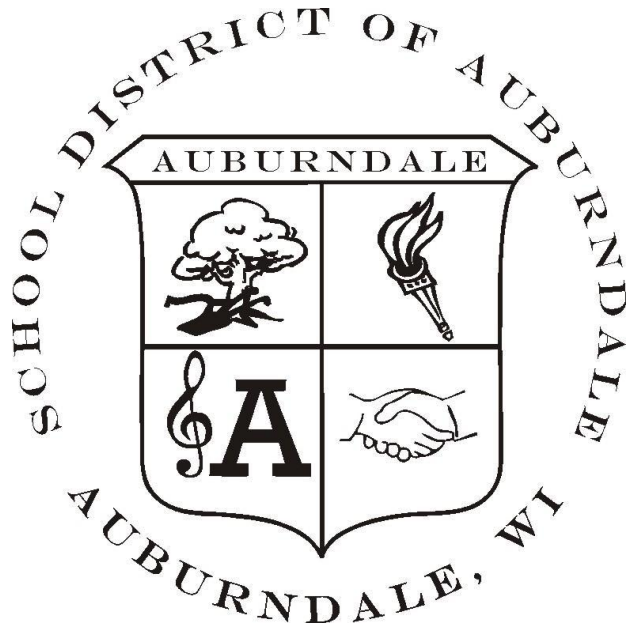




AUBURNDALE
SENIOR HIGH SCHOOL
2026-2027

COURSE DESCRIPTION
&
REGISTRATION HANDBOOK

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Nondiscrimination Policy

The School District of Auburndale is committed to providing an equal educational opportunity for all students in the District. The School District of Auburndale does not discriminate on the basis of race, color, religion, national origin, ancestry, creed, pregnancy, marital status, parental status, sexual orientation, sex, or physical, mental, emotional, or learning disability in any of its student programs and activities. For more information, please review Board Policy 112 found on the district website.

Counseling Procedures

This guidebook has been prepared by the administration and staff to assist you in planning your educational program for the next school year. Please study the entire booklet carefully before making decisions on courses you plan to request. It is your responsibility to select the courses that will meet Auburndale High School's graduation requirements and that will best meet your needs based upon your interests, aptitudes, abilities, and future plans. It is also your responsibility to return your completed materials at the time specified. Your teachers, counseling department, and parents will help you with your selections. Before making any course selections, you will want to consider the following:

1. Know what the requirements are for graduation from Auburndale High School. Are you meeting these in your planning? This is your responsibility.
2. Before selecting a course, check the course description. Does it meet your needs based upon your future plans? Do you have the proper prerequisites for each selected course?
3. Get teacher approval for courses that require teacher consent.
4. See the counseling department for help if you are in doubt about credits for graduation, college, apprenticeships, or future employment options.
5. Plan ahead, not just for next year, but also for your entire high school career and for your future educational and career plans. Keep your options open by taking a challenging curriculum in the academic and technical areas.
6. Students who sign up for full year courses are expected to complete both semesters. The only exceptions are when a student is repeating one semester due to failure, the student is misplaced, or if the counseling department determines that the student is to complete only one semester.
7. Selecting a course does not guarantee that you will actually be scheduled for that course. While every effort will be made to honor student requests, it is impossible to guarantee that all such requests will be honored. When conflicts occur, your counselor will help you select from alternative course options.

Schedule Changes

It is our belief that students must choose their courses carefully and with the intent of committing to the courses they selected at the time of course registration. Please be sure that the courses you initially select are the courses you want. Prior to the start of a semester and 5 days into a semester, students may drop any course and add another course in their schedule for one or more of the following reasons:

- Medical reasons.
- Due to significant changes to a student's post high school plans.
- The student is in World of Work or Youth Apprenticeship and needs to be free at certain times.
- The student's IEP requires that modification be made.
- The class needs to be added as it is a graduation requirement.

Schedule changes after 5 days into a semester will result in a Withdrawal "WP" or "WF" on a student's transcript.

Course Coding

Honor (H) course sections are for those students who seek enrichment experience in the subject area. These courses are graded on 4.25 scale.

Advanced Placement (AP) course sections are designed for students who plan to pursue post-secondary education at the university and technical college levels. To earn college credit, students sit for national exams in May. Scores of 3-5 on AP Exams typically allow students to earn general education credits towards their post-secondary degree. These courses are graded on a 4.5 scale.

Dual Credit (DC) course sections are technical college courses taught at the high school in which students can earn both high school and technical college credit. These courses are graded on a 4.5 scale.

Cooperative Academic Partnership Program (CAPP) course sections are university level courses taught at the high school. Students may take the course for high school credit, and for college credit based on prerequisites. These courses are graded on a 4.5 scale.

Letter Grade	4.0 Scale	4.25 Scale Honors	4.5 Scale Advanced
A	4.0	4.25	4.5
A-	3.7	3.95	4.2
B+	3.3	3.55	3.8
B	3.0	3.25	3.5
B-	2.7	2.95	3.2
C+	2.3	2.55	2.8
C	2.0	2.25	2.5
C-	1.7	1.95	2.2
D+	1.3	1.55	1.8
D	1.0	1.25	1.5
D-	0.7	0.95	1.2
F	0.0	0.0	0.0

Graduation & College Admission Requirements

All students are required to complete **40 hours** of Community Service.

Please submit your hours to the Counseling Office.

Credits	Department/Course
4.0	English
3.0	Mathematics
3.0	Science
3.0	Social Studies
1.5	Physical Education
0.5	Health 9
0.5	Mental Wellness 11
0.5	Personal Finance 11
0.5	Fine Arts
0.5	Technical Arts
11.0	Electives
28	Total Credits

UW-College & Technical College Admission Requirements

4 credits – English

3-4 credits – Math

3-4 credits – Social Studies

3-4 credits – Science

4 credits – Electives

*World Language is not required by colleges & universities, but it is HIGHLY recommended.

Four-Year Planning Chart

	Freshmen	Sophomore	Junior	Senior
English (4 credits)	English 9 A	English 10 A	English 11 A	*
	English 9 B	English 10 B	English 11 B	
Math (3 credits)	*	*	*	
	*	*	*	
Science (3 credits)	Physical Science A	Life Science A		
	Physical Science B	Life Science B		
Social Studies (3 credits)	US History A	World History A	Government	
	US History B	World History B		
Physical Ed (1.5 credits)	PE 9	*	*	
Elective	Health 9		Mental Wellness 11	
Elective			Personal Finance 11	
Elective				
Elective				
Elective				
Elective				
Elective				
Totals:	7-8 credits	7-8 credits	7-8 credits	6-8 credits

There are 16 boxes each year; each box is equal to 0.5 credit for a total of 8 credits each year.

*A course in the subject area listed is required, but the specific course is selected by the student.

Earning College Credits in High School

1. Dual Credit (DC) courses are taught by high school teachers but are aligned with Mid-State Technical College's curriculum allowing students to earn both High School credits and College credits. During the first week of class, a MSTC Representative will assist students who want to receive free college credits to apply and complete a registration form for the Dual Credit option. Only students who submit this registration form will earn dual credit. Then the high school teacher will enter grades for both HS & MSTC Transcripts.

HS Course	MSTC Course	Course #	Credit
English Composition 1	English Composition I	10-801-136	3
Speech	Speech	10-801-198	3
Construction Trades 2	Construction Fundamentals	10-482-107	2
Mechanical Design 1	Intro to Inventor	10-623-114	1
Automotive Tech 2	Service Practices in Automotive Industry	32-404-375	1
Welding 1	Welding Foundations 1	31-442-320	1
	& Welding Foundations 2	& 31-442-321	1
Accounting 1	Accounting 1	10-101-140	3
Management	Intro to Business	10-102-101	3
Marketing	Marketing Principles	10-104-102	3
Microsoft Office	Microsoft Office-Intro	10-103-106	3
Quality Service	Quality Customer Service	10-106-106	3
Social Media Marketing	Social Media Marketing	10-104-102	3
Large Animal Science	Intro to Animal Science	10-091-102	3
Fish, Forestry, & Wildlife	Fish, Forest, & Wildlife Management	10-001-199	3
Harvest, Process, Preserve	Intro to Food Science	10-006-103	3
Horticulture	Intro to Horticulture	10-001-111	2
ECE: Infant & Toddler	ECE: Infant & Toddler Development	10-307-151	3
ECE: Foundations	ECE: Foundations of ECE	10-317-148	3
ECE: Child Development	ECE: Child Development	10-307-179	3
ECE: Health, Safety, Nutrition	ECE: Health, Safety, & Nutrition	10-307-167	3
Nutrition for Healthy Living	Nutrition for Healthy Living	10-546-101	3
Health & Wellness	Essential Concepts of Health & Wellness	10-546-100	3
Culinary 2	Sanitation for Foodservice Operations	10-316-112	1
Mental Wellness	Mental Wellness & Stress Management	10-546-110	3

3. Advanced Placement (AP) courses are designed for students who plan to pursue post-secondary education at the university and technical college levels. To earn college credit, students take a national exam in May and must earn a 3, 4, or 5 on the exam. Each technical college and university have its own set of standards regarding AP scoring.
4. Early College Credit Program (ECCP) allows students in 9th-12th grade to apply for permission from the Auburndale School Board to take courses from either a University of Wisconsin or a Wisconsin Private College that leads to credit toward graduation. Students must be in good academic standing per School Board Policy 343.4 and submit an ECCP Application to the AHS Counseling Office for approval by the September School Board Meeting for Spring Semester enrollment and by the February School Board Meeting for Fall Semester enrollment. Applications are available online at www.aubschools.com or in the AHS Counseling Office.

5. Start College Now (SCN) allows students in 11th-12th grade to apply for permission from the Auburndale School Board to take courses from a Wisconsin Technical College that leads to credit toward graduation. Students must be in good academic standing per School Board Policy 343.4 and submit a SCN Application to the AHS Counseling Office for approval by the September School Board Meeting for Spring Semester enrollment and by the February School Board Meeting for Fall Semester enrollment. Applications are available online at www.aubschools.com or in the AHS Counseling Office.

Students can even stack their Dual Credit HS courses with Start College Now courses to earn a Certificate or Technical Diploma through Mid-State Technical College!

MSTC Certificate/Technical Diploma	Auburndale HS Courses	MSTC Courses (SCN)
Fundamentals of Business Administration Certificate	Management Marketing Accounting 1	
Business Skills Certificate	Management Microsoft Office	Organizational Behavior
Communication Essentials Certificate	English Composition 1 Speech	Think Critically & Creatively
Culinary Foundations Certificate	Culinary 2 Harvest, Produce, Process	Intro to Food Production Culinary Applications
Infant Toddler Specialist Certificate	Infant & Toddler	Guiding Children's Behavior
Social & Mobile Marketing Certificate	Social Media Marketing	Internet & Mobile Marketing
Construction Trades Technical Diploma	Construction Trades 2 Welding 2	Blueprint Reading Electricity for Construction Piping Applications Safety for Construction
Customer Relationship Professional Technical Diploma	English Composition 1 Management Microsoft Office Quality Service	
Hospitality Assistant Technical Diploma	English Composition 1 Speech Management Microsoft Office Culinary 2	Exploring Hospitality Room Operations Division Hospitality Internship
Office Support Specialist Technical Diploma	English Composition 1 Speech Quality Service Management Marketing Microsoft Office Accounting 1	Organizational Behavior Business Networking Team Building & Problem Solving Business Communities Professional Business Skills
Sales Specialist Technical Diploma	Marketing Speech English Composition 1 Social Media Marketing	Professional Selling Marketing Communications

Online Course Options

Rural Virtual Academy (RVA) is a supplemental online course provider that partners with school districts throughout Wisconsin to offer online courses to middle and high school students. RVA is a public charter school out of Medford. Although RVA offers many courses, AHS uses their services primarily to provide additional AP courses, electives, and credit recovery opportunities for students. For more information and a list of all courses available, please visit www.ruralvirtual.org/curriculum. Students interested in earning credits through RVA courses must submit a "Virtual Course Request Form" located on www.aubschools.com under "Course Catalog & Registration."

The Distance Learning Network offers classes by other High Schools and Colleges in Wisconsin through live instruction via the Distance Learning Room. Classes meet at various times of the day according to the hosting school's bell schedule. Students are required to be in good academic standing prior to class registration. Distance Learning Course Descriptions are located on www.aubschools.com under "Course Registration."

Destinations Career Academy offers classes that are aligned to Career & Technical Education Pathways. Courses can be offered completely online or have scheduled 'zoom' classroom times. Currently, Auburndale partners with DCA for the following departments:

- Information Technology
- Construction
- Health Sciences

Career Clusters

Agriculture & Natural Resources

Production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.

Interests & Abilities:

- ✓ Working with animals or plants
- ✓ Marine Biology
- ✓ Forest Ecosystems
- ✓ Being a food scientist
- ✓ Farming

Recommended Courses:

- Large Animal Science (DC)
- Horticulture (DC)
- Anatomy/Physiology
- Harvest, Produce, Process (DC)
- Greenhouse Management
- Fish, Forestry, & Wildlife (DC)

Possible Careers with...

High School Diploma:

- Pet Groomer
- Logger
- Crop Sprayer

Program Certificate/associate's degree:

- Arborist
- Veterinary Technician
- Forestry Technician
- Horticulturist

Apprenticeships:

- Arborist
- Metrology Technician
- Wastewater Treatment Plant Operator

Bachelor's Degree or Higher:

- Agriculture Engineer
- Game Warden
- Marine Biologist
- Food Scientist
- Zoologist

Architecture & Construction

Careers in designing, planning, managing, building, and maintaining the built environment.

Interests & Abilities:

- ✓ Solving technical problems
- ✓ Follow logical, step-by-step procedures
- ✓ Detail-Oriented
- ✓ Blueprint reading
- ✓ Hands-on work

Recommended Courses:

- Tech Ed courses
- Algebra II
- Engineering
- Elements of Design
- Welding I/II

Possible Careers with...

High School Diploma:

- Tile Setter
- Construction Laborer
- Roofer

WI Apprenticeships:

- Bricklaying/Masonry
- Electrician
- HVAC/Environmental Service
- Ironworker
- Millwright/Pipefitter
- Operating Engineer
- Plumbing

Program Certificate/associate's degree:

- HVAC Technician
- Electrician
- Pipe Fitter
- Plumber
- Engineering Technician

Bachelor's Degree or Higher:

- Architect
- Building Contractor
- CAD Designer
- Electrical Engineer

Arts, A/V Technology, & Communications

Designing, producing, exhibiting, performing, writing, and publishing multimedia content.

Interests & Abilities:

- ✓ Reading and writing
- ✓ Perform creative, artistic activities
- ✓ Creative and imaginative

Recommended Courses:

- English Courses
- Art Courses
- Digital Media & Social Media Marketing
- Psychology & Sociology
- Band & Choir
- Elements of Design

Possible Careers with...

High School Diploma:

- Floral Designer
- Food Stylist
- Proofreader

Program Certificate/associate's degree:

- Animator
- Broadcast Technician
- Caption Writer
- Recording Technician
- Graphic Designer
- Music Repair Technician

Bachelor's Degree or Higher:

- Animator/Illustrator
- Artist/Jeweler
- Cinematographer
- Journalist/Editor
- Art/Music Therapist or Teacher
- Architect

Business Management & Administration

Careers in planning, organizing, directing, and evaluating business functions are essential to efficient and productive business operations.

Interests & Abilities:

- ✓ Organized
- ✓ Work with numbers & detailed information
- ✓ Create reports
- ✓ Practical & logical

Recommended Courses:

- Business courses
- Marketing courses
- Pre-Calculus
- Economics
- Spanish

Possible Careers with...

High School Diploma:

- Bank Teller
- Caterer
- Human Resource Clerk
- Hotel Clerk

Program Certificate/associate's degree:

- Accountant
- Administrative Assistant
- Court Reporter

Bachelor's Degree or Higher:

- Accountant – CPA
- Advertising Manager
- Art Director
- Healthcare Administrator
- Travel Agency Manager

Education & Training

Planning, managing, and providing education and training services, and related learning support services.

Interests & Abilities:

- ✓ Friendly & Helpful
- ✓ Communicating with different types of people
- ✓ Direct & plan activities
- ✓ Help people overcome challenges

Recommended Courses:

- AP English Literature & Composition
- Pre-Calculus & AP Calculus AB
- Psychology & Sociology
- Infant & Toddler (DC)
- Anatomy/Physiology
- Spanish

Possible Careers with...

High School Diploma:

- Fitness Instructor
- Library Assistant
- Childcare Assistant

Apprenticeships:

- Early Childhood Educator

Program Certificate/associate's degree:

- Library Technician
- Assistant Teacher
- Computer Installation & Demonstration

Bachelor's Degree or Higher:

- Bilingual Educator
- Educational Administrator
- Teacher
- School Psychologist
- School Counselor
- University Professor
- Special Education Teacher
- Speech-Language Pathologist
- Librarian

Finance

Planning, services for financial and investment planning, banking, insurance, and business financial management.

Interests & Abilities:

- ✓ Work with numbers
- ✓ Make predictions based on existing facts
- ✓ Analyze financial information
- ✓ Trustworthy & Logical

Recommended Courses:

- Accounting classes
- Business classes
- Pre-Calculus & AP Calculus AB
- Spanish
- Economics

Possible Careers with...

High School Diploma:

- Bill & Account Collector
- Cashier

Program Certificate/associate's degree:

- Accountant
- Claims Adjuster
- Financial Institution Manager
- Insurance Agent

Bachelor's Degree or Higher:

- Financial Analyst
- Personal Financial Advisor
- Actuary
- Attorney
- Business Teacher
- Management Consultant

Government & Public Administration

Planning and performing government functions at the local, state, and federal levels, including governance, national security, foreign service, planning, revenue and taxation, and regulations.

Interests & Abilities:

- ✓ Be involved with politics
- ✓ Negotiate, defend, & debate ideas
- ✓ Analyze information
- ✓ Travel and see new things

Possible Careers with...

High School Diploma:

- Mail Carrier
- License Clerk
- Driver's License Examiner

Program Certificate/associate's degree:

- City Planning Aide
- Building Inspector
- Accountant
- Postmaster

Recommended Courses:

- AP English Literature & Composition
- Economics
- Sociology & Psychology
- Spanish
- Community Leadership

Bachelor's Degree or Higher:

- Public Utilities Manager
- Political Scientist
- Social Services Administrator
- Translator/Interpreter
- Aviation Security Specialist
- City Manager
- Dean of Students
- Lawyer
- Legislator

Health Science

Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

Interests & Abilities:

- ✓ Work under pressure
- ✓ Help sick people or animals
- ✓ Respond quickly & calmly in emergencies
- ✓ Conscientious and careful

Possible Careers with...

High School Diploma:

- Hospital Admitting
- Clerk

Program Certificate/associate's degree:

- Nursing or Medical Assistants
- Radiology or Ultrasound Technologist
- Surgical Technician
- Dental Assistant or Hygienist

Recommended Courses:

- Algebra II
- Anatomy
- Chemistry & Biomedical Sci
- Sociology & Psychology
- Spanish
- Health Occupations
- Health & Wellness (DC)

Apprenticeships:

- Medical Assistant

Bachelor's Degree or Higher:

- Athletic Trainer
- Chiropractor
- Dentist or Oral Surgeon
- Pharmacist
- Primary Care Physician

Hospitality & Tourism

The management, marketing and operations of restaurants and other food services, lodging, attractions, recreation events and travel related services.

Interests & Abilities:

- ✓ Investigating new places & activities
- ✓ Have a flexible schedule
- ✓ Communicate easily
- ✓ Self-motivated

Recommended Courses:

- AP English Literature & Composition
- Economics
- Algebra II
- Sociology & Psychology
- Spanish
- Community Leadership
- Culinary I/II
- Marketing & Social Media Marketing

Possible Careers with...

High School Diploma:

- Attraction Guide
- Hotel Clerk or Concierge
- Restaurant Waiter or Host
- Short Order Cook

Program Certificate/associate's degree:

- Club or Hotel Manager
- Recreation Director
- Conference Planner
- Translator

Bachelor's Degree or Higher:

- Archivist
- Coach
- Conservation Technician
- Curator or Historian
- Musician's Agent
- Park Ranger
- Recreation Director
- Resort Manager
- Theater Manager

Human Services

Preparing individuals for employment in career pathways that relate to families and human needs such as counseling and mental health services, family and community services, personal care, and consumer services.

Interests & Abilities:

- ✓ Care about people & their needs
- ✓ Listen to other people's viewpoints
- ✓ Good communicator & listener

Recommended Courses:

- AP English Literature & Composition
- Community Leadership
- Psychology & Sociology
- Infant & Toddler (DC)
- Spanish
- Algebra II

Possible Careers with...

High School Diploma:

- Nanny
- Household Cook

Program Certificate/associate's degree:

- Cosmetologist
- Childcare Assistant
- Nail Technician

Apprenticeships:

- Barber/Cosmetology

Bachelor's Degree or Higher:

- Music/Art Therapist
- School, AODA, or Vocational Counselor
- Social Worker
- Psychiatrist

Information Technology

Design, development, support and management of hardware, software, multimedia and systems integration services.

Interests & Abilities:

- ✓ Work with computers
- ✓ Reason clearly & logically
- ✓ Persistent
- ✓ Precise & accurate

Recommended Courses:

- Business classes
- Microsoft Office
- Engineering I/II
- Algebra II & Pre-Calculus
- Spanish
- Elements of Design
- Drafting classes

Possible Careers with...

Apprenticeships:

- Cybersecurity Analyst
- Data Analyst
- IT Service Desk Technician
- IT Software Developer

Program Certificate/associate's degree:

- Computer Support Specialist
- Recording Engineer
- Computer Systems Analyst
- Webmaster

Bachelor's Degree or Higher:

- Animator
- Computer Engineer
- Computer Network Coordinator
- Database Administrator
- Software Engineer
- Video Game Designer
- Computer Systems Analyst
- Scientific/Engineering Programmer
- Computer Programmer

Law, Public Safety, Corrections, & Security

Planning, managing, and providing legal, public safety, protective services and homeland security.

Interests & Abilities:

- ✓ Work under pressure
- ✓ Community-minded
- ✓ Decisive
- ✓ Government
- ✓ Law Enforcement

Recommended Courses:

- AP English Literature & Composition
- Community Leadership
- Psychology & Sociology
- Infant & Toddler (DC)
- Spanish
- Algebra II

Possible Careers with...

High School Diploma:

- Security Guard
- Dispatcher

Program Certificate/associate's degree:

- Court Reporter
- Paralegal Assistant
- Police Officer
- Fire Inspector

Bachelor's Degree or Higher:

- Adjudicator
- FBI Agent
- Forensic Science Technician
- Judge or Lawyer
- Probation & Parole Officer
- Fingerprint Examiner
- Police Officer
- Conservation Warden

Manufacturing

Planning, managing, and performing the processing of materials into intermediate or final products and related professional and technical support activities.

Interests & Abilities:

- ✓ Put things together
- ✓ Do routine, organized, & accurate work
- ✓ Apply math to work out solutions
- ✓ Visualize objects in three dimensions from flat designs

Recommended Courses:

- Intro to Business
- Tech Ed classes
- Engineering I/II
- Geometry
- Construction Math
- Economics
- Elements of Design

Possible Careers with...

High School Diploma:

- Fabric Dyer
- Painter
- Engraver
- Production Assembler

Apprenticeships:

- Electrician and Instrumentation
- Industrial Manufacturing Technician
- Lubrication Technician
- Machine Repair
- Machinist
- Maintenance Mechanic/Millwright
- Maintenance Technician
- Metal Fabrication
- Welding and Fabrication

Program Certificate/associate's degree:

- Combination Welder
- Computer Technician
- Quality Control Technician
- Electronic Engineering Technician
- Industrial Engineering Technician

Bachelor's Degree or Higher:

- Electrical, Industrial, & Mechanical Engineer
- Musical Instrument Design
- Occupation Health/Safety Inspector
- Stage/Sound Equipment Manufacturer
- Environmental Engineer

Marketing

Planning, managing, and performing marketing activities to reach organizational objectives.

Interests & Abilities:

- ✓ Communicate ideas
- ✓ Enthusiastic
- ✓ Competitive
- ✓ Creative

Recommended Courses:

- Marketing courses
- Economics
- Algebra II
- AP English Lit & Composition
- Sociology & Psychology
- Spanish

Possible Careers with...

High School Diploma:

- Antique/Collectible Dealer
- Customer Service Representative
- Wedding Planner

Program Certificate/associate's degree:

- Advertising Layout Designer
- Real Estate Agent
- Auctioneer
- Auto Salesperson

Bachelor's Degree or Higher:

- Advertising Account Executive
- Business Agent
- Marketing Manager
- Public Relations Manager
- Purchasing Agent
- Market Research Analyst
- Real Estate Broker

Science, Technology, Engineering, & Mathematics

Planning, managing, and providing scientific research and professional and technical services such as physical science, social science, and engineering including laboratory and testing services, and research and development services.

Interests & Abilities:

- ✓ Interpret formulas
- ✓ Find answers to questions
- ✓ Explore new technology
- ✓ Pay attention to details

Possible Careers with...

High School Diploma:

- Statistical Clerk

Program Certificate/associate's degree:

- Biological or Chemical Technician
- Veterinary Technician
- Nuclear Technician
- Industrial & Civil Engineering Technician

Recommended Courses:

- Pre-Calculus & AP Calculus
- Science classes
- Economics
- Drafting classes
- Tech Ed classes

Apprenticeships:

- Biotechnology Lab Support
- Electrical Line Worker
- Mechatronics Technician

Bachelor's Degree or Higher:

- Anthropologist
- Archaeologist
- Engineer
- Geologist
- Physicist

Transportation, Distribution, & Logistics

Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail, and water and related professional support services.

Interests & Abilities:

- ✓ Realistic
- ✓ Mechanical
- ✓ Coordinated
- ✓ Observant

Possible Careers with...

High School Diploma:

- Bus Driver
- Highway Maintenance Worker
- Shipping & Receiving Clerk
- Deckhand

Program Certificate/associate's degree:

- Aircraft, Auto, or Diesel Mechanic
- Motorcycle Technician
- Railroad Conductor
- Flight Attendant
- Auto Body Technician
- Travel Agent

Recommended Courses:

- Geometry & Construction Math
- Construction
- Accounting classes
- Drafting courses
- Automotive Technology
- Welding I/II
- Economics
- Spanish

Bachelor's Degree or Higher:

- Airline Pilot
- Environmentalist
- Mechanical Engineer
- Astronaut
- Travel Agency Manager
- Air Traffic Controller
- Public Health Sanitarian

English Department

Graduation Requirements: 4.0 Credits

*Required Courses: English 9 & English 10

***English 9**

ENG100/101

GRADE LEVEL:

9

CREDIT:

1.0

English 9 is an integrated approach to reading, writing, speaking, listening, and research. Through composition, vocabulary skills, grammar and usage exercises, one research paper, and exposure to a variety of literary forms, students will establish a solid foundation in communication skills.

***English 10**

ENG200/201

GRADE LEVEL:

10

CREDIT:

1.0

English 10 will focus on critical reading, writing, listening, and speaking skills. Students will read a variety of works and genres to include plays, short stories, poems, and novels. Writing skills will continue to be a focus in building toward mastery of essay writing. Some units will have project-based assessments. Some units will allow for student choice reading options, while others will have whole-class required readings. Overall, students will continue to build on their varied communication skills throughout the course.

English 11

ENG300/301

GRADE LEVEL:

11

CREDIT:

1.0

English 11 will focus on critical reading, writing, listening, and speaking skills. Students will read a variety of works and genres to include short stories and novels. Writing skills will continue to focus on mastery of essay writing, specifically the five-paragraph essay. Some units have project-based assessment. Some units will allow for student choice reading, while others will have whole-class reading requirements. A portion of the class time will be allotted for preparation for the ACT test. Students will be required to use technology for presentations. Students will continue to build on their varied communication skills throughout the course.

English 12

ENG400/401

GRADE LEVEL:

12

CREDIT:

1.0

Students will focus on evaluating and analyzing various works of fiction and nonfiction written in the last 50 years through reading, writing, listening, and speaking skills. Along with refining critical thinking skills involved in the interpretation of literature and class discussion, much emphasis will be placed on written reflection and analytical writing.

AP English Lit & Comp

ENG420/421

GRADE LEVEL:

11-12

CREDIT:

1.0

This course will focus on careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the way writers use language to provide both meaning and pleasure for their readers. Students will consider a work's structure, style, and theme, as well as much smaller-scale elements as the use of figurative language, imagery, symbolism, and tone. **Students may earn college credit after successful completion of class and AP Exam.**

English Composition 1 (DC)

ENG410



GRADE LEVEL:

11-12

CREDIT:

0.5

Designed for learners to develop knowledge and skills in all aspects of the writing process. Planning, organizing, writing, editing, and revising are applied through a variety of activities. Students analyze audience and purpose, use elements of research, and format documents using standard guidelines. Individuals develop critical reading skills through analysis of various written documents. *Students who complete all Mid-State requirements and earn a grade of "C" or better can be awarded high school credit and credit on a Mid-State transcript as English Composition I (10-801-136) 3 credits.*

Speech (DC)

ENG411



GRADE LEVEL:

11-12

CREDIT:

0.5

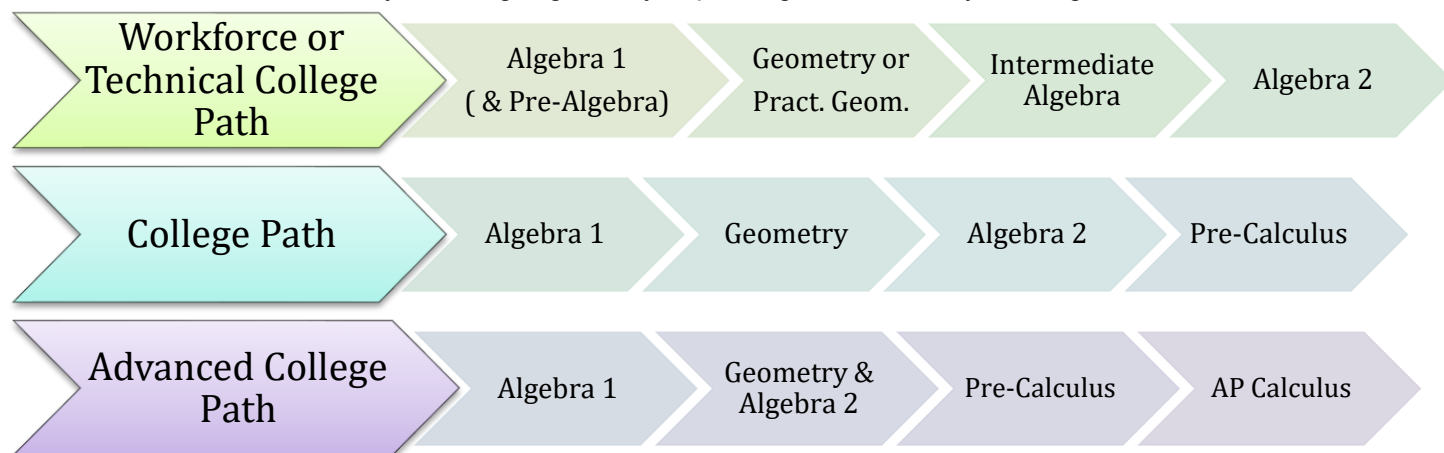
Explores the fundamentals of effective oral presentation to small and large groups. Topic selection, audience analysis, methods of organization, research, structuring evidence and support, delivery techniques, and other essential elements of speaking successfully, including the listening process, form the basis of this course. *Students who complete all Mid-State requirements and earn a grade of "C" or better can be awarded high school credit and credit on a Mid-State transcript as Speech (10-801-198) 3 credits.*

Math Department

Graduation Requirement: 3.0 Credits

All technical colleges & universities recommend 4 years of high school math.

Most four-year colleges generally require Algebra, Geometry, and Algebra 2.



Pre-Algebra/Algebra 1

MAT100

CREDIT: 1 credit of math & 1 credit of electives

This course is designed for students who need to take a refresher on pre-algebra material and learn new Algebra 1 material at a slower pace.

Algebra 1

MAT110/111

CREDIT: 1.0

Topics: order of operations, properties of real numbers, solving linear equations & inequalities, systems, graphing, exponentials, quadratics, rational & radical equations, and functions & polynomials.

Practical Geometry

MAT200/201

CREDIT: 1.0

PREREQUISITE: Algebra 1

This course is designed for students that need to take a slower pace geometry course. Topics: reasoning, perpendicular & parallel lines, triangles, circles, areas, and volume.

Geometry

MAT210/211

CREDIT: 1.0

PREREQUISITE: Algebra 1

Covers the basic geometric theorems & properties and uses them to prove other mathematical ideas & formulas. Topics: reasoning, perpendicular & parallel lines, congruent polygons, triangles, quadrilaterals, area, transformations, similarities, circles, and volume.

Intermediate Algebra

MAT340/341

CREDIT: 1.0

PREREQUISITE: Geometry or Practical Geometry

Designed to allow students the time to make connections within mathematics. A review of Algebra I will lead into the 2nd year of Algebra. Topics: linear equations & inequalities, quadratics, exponents, complex numbers, exponentials, and logarithms

Algebra 2

MAT310/311

CREDIT: 1.0

PREREQUISITE: Geometry

This course develops advanced algebra skills such as systems of equations, quadratics, advanced polynomials, imaginary & complex numbers, rational functions, logarithms, & exponentials, and trigonometric functions.

Pre-Calculus Honors

MAT400/401

CREDIT: 1.0

PREREQUISITE: Algebra 2

Topics include fundamental concepts of Algebra, functions and graphs, polynomials & rational functions, exponential & logarithmic functions, trigonometric functions, analytic trigonometry, topics in trigonometry, systems of equations & inequalities, and sequences.

AP Calculus AB

MAT430/431

CREDIT: 1.0

PREREQUISITE: Pre-Calculus

An introduction into calculus covering limits, derivatives & function analysis, and differential & integral calculus. Recommended if considering engineering or related emphasis. The course will utilize assignments to prepare the student for both the AP test and future schooling. **Students may earn college credit after successful completion of class and AP Exam.**

Science Department

Graduation Requirement: 3.0 Credits

*Required Courses: Physical Science & Life Science

***Physical Science 9**

SCI100/101

GRADE LEVEL:

9

CREDIT:

1.0

Physical Science covers chemistry, physics, and Earth Science topics. Possible topics: matter, atomic structure, chemical bonds, chemical reactions, motion, forces, work, energy, simple machines, electricity, magnetism, Earth's interior & surface, weather & climate, and solar system.

***Life Science 10**

SCI200/201

GRADE LEVEL:

10

CREDIT:

1.0

Provides students with a comprehensive understanding of biological concepts, from the foundational characteristics of life to the complexities of ecosystems, cellular functions, genetics, & human impact on the environment. Students will engage in labs/experiments that reinforce scientific principles, critical thinking, & analytical skills, gaining a deeper understanding of life science through inquiry & experimentation.

Anatomy & Physiology

SCI300/301

GRADE LEVEL:

10-12

CREDIT:

1.0

PREREQUISITE: Life Science

This course will explore the anatomy and physiology of the human body. The course will meet the needs of students who are interested in any health-related career. Laboratory work will include microscope slides, lab experiments, 3-D models, dissection, and forensics.

Biomedical Science

SCI360/361

GRADE LEVEL:

11-12

CREDIT:

1.0

PREREQUISITE: Anatomy & Physiology

Course covers the fundamental skills & knowledge in the field of biology, anatomy & physiology, genetics, microbiology, and epidemiology. Through collaboration & independent studies, students will apply their knowledge to tackle real world scenarios faced by professionals. Students will develop skills in documentation, communication, & problem-solving.

Chemistry

SCI330/331

GRADE LEVEL:

10-12

CREDIT:

1.0

PREREQUISITE: Life Science

Chemistry is the study of matter and how it changes. Aimed at practical applications to the following topics: measurement, forms of matter, atomic structure, electron configuration, periodic law, & chemical bonds.

Engineering

SCI350/351

GRADE LEVEL:

10-12

CREDIT:

1.0

PREREQUISITE: Life Science

A focus on design processes, research & analysis, teamwork, communication methods, and engineering standard. Students will use 3D modeling to help them design solutions to solve problems and learn how to communicate solutions to others. Activities may include hot air balloons, rockets, bridge & tower building, mouse trap & rubber band cars, catapults, and wind turbines.

Environmental Science

SCI311

GRADE LEVEL:

11-12

CREDIT:

1.0

PREREQUISITE: Life Science

Students will explore the relationship between humans & the natural world. The course covers ecosystems, biodiversity, water & air resources, climate change, and sustainable practices. Through labs, simulations, & research, students will examine how human activities impact the environment and explore ways to mitigate these effects. The course will also focus on understanding natural resources and energy use, as well as their role in shaping our future.

Horticulture (DC)

SCI320/321

GRADE LEVEL:

11-12

CREDIT:

1.0

PREREQUISITE: Life Science

This class uses applied scientific application of plant sciences surrounding the stewardship of the land in soil, water, wildlife, and forestry. The course uses these practices to develop life-long skills in landscape design, plant care, and environmental awareness. Course may not count in basic entrance requirements at some colleges. *Students who complete all Mid-State requirements and earn a grade of "C" or better can be awarded high school credit and credit on a Mid-State transcript as Intro to Horticulture (10-001-111) 3 credits.*

Physics

SCI400/401

GRADE LEVEL:

11-12

CREDIT:

1.0

PREREQUISITE: Life Science

An algebra-based physics course with applications to renewable energy resources. Special topics: projectile motion, Newton's laws, pressure, fluids, heat, renewable energy, and temperature.

Social Studies Department

Graduation Requirement: 3.0 Credits

*Required Courses: United States History, World History, and Government & Citizenship

***United States History**

SOC100/101

GRADE LEVEL:

9

CREDIT:

1.0

Study of the progress and obstacles the United States has faced along the way. There will be a strong emphasis on the Medal of Honor, current events, and building historical thinking skills.

***World History**

SOC200/201

GRADE LEVEL:

10

CREDIT:

1.0

The study of World History and the cultures of the world. There is an emphasis on the Crusades to the present including the Renaissance, French Revolution, Industrial Revolution, and World Wars I & II.

***Government & Citizenship**

SOC300

GRADE LEVEL:

11

CREDIT:

0.5

Study of federal, state, and local governments; and the role one has in making decisions that affect a community. The course will cover issues that are affecting us today, and what solutions will be needed to solve them.

Economics

SOC310

GRADE LEVEL:

11-12

CREDIT:

0.5

Typically offered in odd school years; 27-28.

Economics will cover basic economic concepts and a mix of micro- and macro-economic concepts. Concepts from this class will help prepare students for beginning college economic courses.

Holocaust

SOC340

GRADE LEVEL:

11-12

CREDIT:

0.5

Typically offered in even school years; 26-27.

This course will cover the holocaust of World War II and other events of wholesale destruction which have taken place prior to and since WWI.

Wars of the West

SOC380

GRADE LEVEL:

11-12

CREDIT:

0.5

Typically offered in even school years; 26-27.

A survey of the major wars the US was involved in will be studied such as WWI, WWII, Vietnam, Korean, Iraq, and Civil War.

Films in History

SOC360

GRADE LEVEL:

11-12

CREDIT:

0.5

Typically offered in even school years; 26-27.

We will examine historical events by watching, discussing, & writing about movies. Films in History can provide some factual information about historical figures, events, or time periods; they can also distort the past. A major part of the course will be a discussion of how movies can portray historical events accurately or inaccurately.

Great Events

SOC350

GRADE LEVEL:

11-12

CREDIT:

0.5

Typically offered in odd school years; 27-28.

The 20th Century saw some of the greatest advances in world history, and the greatest tragedies. Key events to be covered include the Great Depression, Pearl Harbor, the 1960s, and Vietnam.

Psychology

SOC320

GRADE LEVEL:

11-12

CREDIT:

0.5

Typically offered in odd school years; 27-28.

The examination of human behavior, how the mind develops, & how people react to the world & people around them. Many topics in psychology will be explored including memory and thought, principles of learning, intelligence, human development, & abnormal behavior.

Social Movements

SOC370

GRADE LEVEL:

11-12

CREDIT:

0.5

Typically offered in odd school years; 27-28.

This course will focus on social movements during modern history and connect to current issues continuing today. The course will vary depending on class interests, but will have a foundation of Civil Rights, Suffrage, and Environmental Movements.

Sociology

SOC330

GRADE LEVEL:

11-12

CREDIT:

0.5

Typically offered in even school years; 26-27.

Sociology is the study of groups in society and how they relate to each other. Subject areas include socialization, the family, marriage, gender, cultures, deviance, social class, race, cults, and social problems.

Fine Arts Departments

Graduation Requirement: 0.5 in Fine Arts Education (Art, Music, OR World Language)

*Many universities require two years of world language study as a condition of acceptance or before acquiring a bachelor's degree.

Art

2D Foundations

ART100

GRADE LEVEL:

9-12

CREDIT:

0.5

Students will create individual & collaborative projects utilizing the elements and principles of 2D design. Example projects: graphite shading, watercolor painting, mosaics, 2-point perspective cityscape, & acrylic painting.

2D Intermediate

ART200

GRADE LEVEL:

9-12

CREDIT:

0.5

PREREQUISITE: 2D Foundations

This course continues from 2D Foundations with the use of oil & chalk pastels, landscape painting, charcoal portraits, shaped mosaics, & printmaking.

3D Foundations

ART220

GRADE LEVEL:

9-12

CREDIT:

0.5

Provides the opportunity for learning sculpture techniques using a multitude of materials: paper, cardboard, wood, glass, clay, & plaster. Example projects: cardboard sculpture, 3D mosaic, deconstructed books, & clay sculpture.

3D Intermediate

ART320

GRADE LEVEL:

9-12

CREDIT:

0.5

PREREQUISITE: 3D Foundations

Building upon skills from 3D Foundations students will continue to explore 3D sculptures. Example projects: shaped glass mosaics, metal & wire designs, and additive sculptures.

Ceramics 1

ART210

GRADE LEVEL:

9-12

CREDIT:

0.5

In Ceramics 1, focus will be on hand-built and wheel thrown works, giving students experience in creating functional as well as sculptural pieces. Students will create two related relief tiles, a themed coil pot, three wheel-thrown bowls, & a geometric slab container.

Ceramics 2

ART310

GRADE LEVEL:

9-12

CREDIT:

0.5

PREREQUISITE: Ceramics 1

Building upon skills mastered in Ceramics 1, students will increase their knowledge in wheel thrown and hand-built ceramic pieces. Students will create a bowl with a lid and a complete dinner set. Students will also have the opportunity to create additional hand-built glazed pieces or wheel-thrown pieces.

Studio Arts: Honors

ART400

GRADE LEVEL:

11-12

CREDIT:

0.5

PREREQUISITE: Consent of Instructor

Studio Arts is an advanced course consisting of individualized work chosen by the student in consultation and approval with the instructor. Students will create a professional body of work, with no less than 10 show-worthy pieces, utilizing research and materials of their choice with individualized mentoring from the instructor. Course may be repeated with consent of instructor.

World Languages

Spanish I

WLS100/101

GRADE LEVEL: 9-12

CREDIT: 1.0

Spanish I is a beginning course requiring good study skills. The basics of vocabulary, language structures and pronunciation are presented. While the course begins with a heavy emphasis on the development of listening skills, the skills of speaking, reading and writing are also incorporated. In addition, students examine basic cultural concepts of the Hispanic world. A video and online textbook with additional activities accompanies the written text and is used in and out of the classroom.

Spanish II

WLS200/201

GRADE LEVEL: 10-12

CREDIT: 1.0

PREREQUISITE: Spanish I with a "C" or better

Spanish II continues to give the students a basic understanding of Spanish. This involves the review and expansion of first year topics and the introduction of new structures and vocabulary. Cultural differences are discussed to help students' understanding of and appreciation for Spanish. A video and online textbook with additional activities accompanies the written text and is used in and out of the classroom.

Spanish III/IV

WLS300/301

GRADE LEVEL: 11-12

CREDIT: 1.0

PREREQUISITE: Spanish II with a "C" or better

Spanish III/IV allows the students more freedom in using the language to communicate. Many new structures are introduced as well as reviewing previously studied material. Students need to have access to a Spanish English dictionary outside of class. Further investigation of the Hispanic culture ties into a technology-driven project. A video and online textbook with additional activities accompanies the written text and will be used in and out of the classroom.

Music

High School Band

MUS100/101

GRADE LEVEL: 9-12

CREDIT: 1.0

Through the selection, preparation and performance of literature written and arranged for wind and percussion instruments, students will gain a higher understanding of music as a valid means of self-expression. Band is a comprehensive course, incorporating intermediate music theory, music history, and performance art. Emphasis is placed on developing musical concepts and producing mature sound on the instrument(s). Band also allows for several performance opportunities outside of school. In addition to the regular course work, the band also lends itself to school activities and athletic events, supporting these activities with appropriate music. Attendance is required at all rehearsals and performances.

Jazz Band

MUS200

GRADE LEVEL: 9-12

CREDIT: 0.5

A comprehensive course incorporating jazz music theory, reading and playing jazz music notation, reading chord changes, the history of jazz, improvisation, and performance art. Attendance is required at all rehearsals and performances. Typically meets one period per week.

High School Choir

MUS110/111

GRADE LEVEL: 9-12

CREDIT: 1.0

This organization performs choral music (in appropriate voicing) at multiple concerts and one large group festival. Each student also participates in a Solo & Ensemble Festival. Attendance is required at each performance. Literature varies from popular to sacred, contemporary to Renaissance. Students will work on sight-reading skills, music theory, proper vocal production, and stage presence. Students are encouraged to perform in other small groups or special ensembles.

Physical Education & Health Education Department

Graduation Requirements: 1.5 Credits of Physical Education,
0.5 Credit of Health 9 & 0.5 Credit of Mental Wellness

***Physical Education 9**

PEH100

GRADE LEVEL:

9

CREDIT:

0.5

This course includes the following activities: Soccer, speedball, basketball, volleyball, jogging, badminton, touch football, softball, and track. The students will gain knowledge of sports rules and of game strategy, as well as physical conditioning.

***Health 9**

PEH101

GRADE LEVEL:

9

CREDIT:

0.5

Students will gain knowledge and skills needed to become successful learners as well as healthy and productive adults. Students will examine choices they will face throughout their lifetime and use critical thinking skills while covering the following units: tobacco, alcohol, & other drugs; mental & emotional health; social health & family relationships; growth & development; CPR & First Aid; nutrition & physical activity; and personal health & safety.

***Mental Wellness (DC)**

PEH410



GRADE LEVEL:

11

CREDIT:

0.5

Investigate the underpinnings of mental health and wellness. Explore the risks of stress and emotional management techniques to mitigate these risks by embarking a growth mindset. The learner will be engaged in processes to support the emotional dimension of health and demonstrate ways to implement these practices for oneself and others along their wellness journey. *Students who complete all Mid-State requirements and earn a grade of "C" or better can be awarded high school credit and credit on a Mid-State transcript as Mental Wellness and Stress Management (10-546-110) 3 credits.*

Weight Training 1

PEH110

Weight Training 2

PEH210

GRADE LEVEL:

10-12

CREDIT:

0.5

The student will understand the basic skills of weight training, knowledge of equipment, including proper techniques and safety factors. Two personal weight-training program will be developed and implemented during this course. In Weight Training II, students can choose sport specific programs, core training programs, or choose from a previous basic weight training program.

Individual & Dual Sports

PEH200

GRADE LEVEL:

10-11

CREDIT:

0.5

Sports may include, but are not limited to archery, bowling, curling, badminton, cycling, disc golf, skating, shuffleboard, table tennis, snow shoeing, golf, yard games, and pickleball.

Team Sports

PEH300

GRADE LEVEL:

10-11

CREDIT:

0.5

Sports may include, but are not limited to basketball, flag football, soccer, speedball, ultimate Frisbee, lacrosse, floor hockey, softball, kickball, team handball, and volleyball.

Career & Technical Education Departments

Graduation Requirement: 0.5 Credits of Personal Finance

Graduation Requirement: 0.5 Credits of Career & Technical Education

(Agriculture, Business, Family & Consumer Sciences, Health Sciences, OR Technology Education)

Agriculture

Course of Horse

AGR140

GRADE LEVEL: 9-12
CREDIT: 0.5

Topics include horse judging, tack and equipment, stable management, veterinary practices, record keeping, anatomy, riding, & proper care and management of the horse. Students will have hands-on opportunities at a local stable.

Critter Companions

AGR100

GRADE LEVEL: 9-12
CREDIT: 0.5

Practical pet care for companion animals. Opportunity will be provided for students to bring animals to class and demonstrate their knowledge of pet care. We will study units on dogs, horses, cats, fish, and exotics focusing on feeding, breeds, housing, & preventative care.

Fish, Forestry, & Wildlife (DC) AGR110/111



GRADE LEVEL: 10-12
CREDIT: 1.0

Tree identification, woodlot management, forest ecology, chainsaw safety, urban forestry, & tree biology! Students will present a forest education day for elementary students. Students will be involved with the management of school forest-industry activities. *Students who complete all Mid-State requirements & earn a grade of "C" or better can be awarded high school credit & credit on a Mid-State transcript as Fish, Forests, & Wildlife Management (10-001-199) 3 credits.*

Greenhouse Management

AGR300

GRADE LEVEL: 11-12
CREDIT: 0.5

PRE-/CO-REQUISITE: Horticulture

Students will build upon their knowledge of horticulture, gaining experience in running, maintaining, and making the day-to-day decisions necessary to manage a greenhouse. Advanced floral arrangement and marketing plants will also be explored and experienced.

Veterinary Science

AGR310

GRADE LEVEL: 10-12
CREDIT: 0.5

PREREQUISITE: Large Animal Science

Gain skills & terminology related to animal health and veterinary medicine through animal labs, demonstrations, & partnerships with local veterinary clinics. Hands-on labs and job shadowing will be major portions of the course.

Harvest, Process, Preserve (DC)

AGR320



GRADE LEVEL: 9-12
CREDIT: 0.5

Students will research how raw products are harvested, processed, & marketed. This will be "from the farm to the table" approach of Ag products by taking products from the garden and field, studying their make-up, & transforming them into value added consumables. *Students who complete all Mid-State requirements & earn a grade of "C" or better can be awarded high school credit & credit on a Mid-State transcript as Intro to Food Sciences (10-006-103) 3 credits.*

Harvest, Process, Preserve 2

AGR321

GRADE LEVEL: 10-12
CREDIT: 0.5

PRE-REQUISITE: HPP 1

Take your first year of HPP to the next level with advanced meats, sausages, curing, smoking, and canning. This course will explore shelf stable, meat cutting, and harvesting. The SERV Safe Certification test is administered in this course for students to gain employment in the culinary industry.

Horticulture (DC)

SCI320/321



GRADE LEVEL: 11-12
CREDIT: 1.0

This class uses applied scientific application of plant sciences surrounding the stewardship of the land in soil, water, wildlife, & forestry. The course uses these practices to develop skills in landscape design, plant care, & environmental awareness. Qualifies as a Science Credit for graduation. *Students who complete all Mid-State requirements & earn a grade of "C" or better can be awarded high school credit & credit on a Mid-State transcript as Intro to Horticulture (10-001-111) 3 credits.*

Large Animal Science (DC)

AGR200



GRADE LEVEL: 9-12
CREDIT: 0.5

Dairy, beef, poultry, swine, & sheep will be the focus of this course. We will look at different breeds and discuss feeding, breeding genetics, handling, housing, & health. Students will have a hands-on approach by engaging in local farms & businesses. *Students who complete all Mid-State requirements & earn a grade of "C" or better can be awarded high school credit & credit on a Mid-State transcript as Intro to Animal Science (10-091-102) 3 credits.*

Business

*Personal Finance 11

BUS400

GRADE LEVEL: 11
CREDIT: 0.5

A practical, activity-based course designed to help students build strong money-management skills that will benefit them throughout their lives. Students learn how to create and maintain a budget, understand banking and financial services, manage credit and debt responsibly, & explore strategies for saving and investing. Also introduces key concepts related to taxes, insurance, consumer awareness, & major financial decisions such as purchasing a car or financing education. By the end of the course, students will have developed a personal financial plan & a solid foundation for future financial success.

Intro to Business

BUS140

GRADE LEVEL: 9-12
CREDIT: 0.5

Students need to understand how their future careers are impacted by our economy. This course provides opportunities to learn and experience a variety of topics in the field of business, such as economic activity, business in the global economy, social responsibility of business & government, business organization, entrepreneurship, management and leadership, human resources, and career planning.

Intro to Accounting

BUS150

GRADE LEVEL: 9-12
CREDIT: 0.5

This course teaches students the basic accounting practices and procedures for operating a business. Concepts taught will include the accounting cycle, debits/credits, journalizing and posting transactions, and preparation of financial statements. Students will use simulated accounting software and mock financial documents to record bank transactions, reconcile a checkbook, post invoices and payables, & gain hands-on experience.

Accounting 1 (DC)

BUS160

GRADE LEVEL: 10-12
CREDIT: 1.0



PREREQUISITE: Intro to Accounting

A beginning course for students who will further their education in accounting or finance. Develops the accounting cycle of journaling, posting, adjusting, closing, and reporting. Also emphasizes service and merchandising sole proprietorships in developing the accounting cycle. Explores issues for accounting for cash, accounts and notes receivable, inventories, & fixed assets. *Students who complete all Mid-State requirements and earn a grade of "C" or better can be awarded high school credit and credit on a Mid-State transcript as Accounting I (10-101-140) 3 credits.*

Business Law

BUS210

GRADE LEVEL: 10-12
CREDIT: 0.5

Typically offered in even school years; 26-27.

The objective of this class is to make students aware of both their rights and their responsibilities. Topics covered include: Laws, crimes, misdemeanors, torts, contracts, commercial paper, insurance, binding agreements, buying and selling goods & employment.

Computer Graphics

BUS180

GRADE LEVEL: 9-12
CREDIT: 0.5

A hands-on design course that introduces students to the fundamentals of digital art and visual communication. Using Adobe Illustrator & Photoshop alternatives, students learn how to create vector drawings, edit templates, and modify images to produce professional quality graphics. The course emphasizes creativity, technical skills, and real-world design applications. By the end of the course, students will have gained the confidence and skills needed to create polished digital artwork and communicate visually in both academic and professional settings.

Entrepreneurial Foundations

BUS145

GRADE LEVEL: 9-12
CREDIT: 0.5

Students will study entrepreneurial practices by exploring components of a startup business plan. This includes comparing ways of going into business as well as developing marketing, legal, financial, products/services, management, and operations for a small business of their choice.

International Business

BUS200

GRADE LEVEL: 10-12
CREDIT: 0.5

Typically offered in odd school years; 27-28.

Students will learn how to be successful employees, managers, and/or entrepreneurs while learning about the functions and principles of business and management. Students will learn about the global economy, cross-cultural differences, ethics, international economics, and interdependence. Course content will explore international economics and the impact on entrepreneurs, finance, risk management, human resources, marketing, location, channels of distribution, and social and ethical responsibilities in business.

Management (DC)**BUS320**

GRADE LEVEL: 10-12

CREDIT: 0.5

Students will gain an understanding of the business principles necessary to start and operate a business. Students will develop an awareness of the opportunities for small business ownership and develop a business plan needed to set specific goals for the successful opening of a small business. Additionally, students will learn about research, planning, operations, & regulations affecting small business success. *Students who complete all Mid-State requirements and earn a grade of "C" can be awarded high school credit and credit on a Mid-State transcript as Introduction to Business (10-104-101) 3 credits.*

Marketing (DC)**BUS120**

GRADE LEVEL: 10-12

CREDIT: 0.5

Introduction to the fundamental marketing concepts used to apply marketing strategies to product development, distribution, pricing, and promotion of goods and services. *Students who complete all Mid-State requirements and earn a grade of "C" or better can be awarded high school credit and credit on a Mid-State transcript as Marketing Principles (10-104-102) 3 credits.*

Marketing Communications**BUS410**

GRADE LEVEL: 10-12

CREDIT: 0.5

PREREQUISITE: Marketing

Typically offered in even school years; 26-27, etc.

Create & manage a wide range of organizational communications that are essential to the marketing function. Topics will include preparing professionally written content, effectively using verbal & non-verbal communication in a business setting, and developing a professional appearance. There will be a focus on public relations to include writing press releases, managing crises, and speaking with the media.

Microsoft Office (DC)**BUS250**

GRADE LEVEL: 9-12

CREDIT: 0.5

Typically offered in odd school years; 27-28.

Develops skills in the Microsoft Office Suite (Word, Excel, Access, PowerPoint, & Outlook) while reinforcing the students' knowledge of computer concepts, Windows Explorer, & Internet usage. Students will be eligible to take the MOUS certification tests. *Students who complete all Mid-State requirements & earn a grade of "C" or better can be awarded high school credit & credit on a Mid-State transcript as Microsoft Office-Introduction (10-103-106) 3 credits.*

Social Media Marketing (DC)**BUS450**

GRADE LEVEL: 10-12

CREDIT: 0.5

PREREQUISITE: Marketing

Typically offered in odd school years; 27-28.

Addresses how social media has transformed marketing for traditional mass media into individualized marketing. Using a variety of social media tools & platforms, this class explores the different methodologies for social media marketing. Topics include creating & integrating social media, the concept of viral marketing, measuring social media success, & how to successfully apply this form of marketing. *Students who complete all Mid-State requirements & earn a grade of "C" or better can be awarded high school credit & credit on a Mid-State transcript as Social Media Marketing (10-104-107) 3 credits.*

Quality Service (DC)**BUS301**

GRADE LEVEL: 10-12

CREDIT: 0.5

Typically offered in even school years; 26-27.

Addresses sensitivity in communicating with customers and co-workers. Includes international communications, teamwork, working relationships, and telephone skills. *Students who complete all Mid-State requirements and earn a grade of "C" or better can be awarded high school credit and credit on a Mid-State transcript as Quality Customer Service (10-106-106) 3 credits.*

Sports & Entertainment Marketing BUS310

GRADE LEVEL: 10-12

CREDIT: 0.5

Typically offered in even school years; 26-27, etc.

Designed for students interested in learning the essentials of marketing: product development, advertising, public relations, consumer behavior, promotion, publicity, research, pricing, & ethics are studied. Additional areas to be studied include licensing, endorsements, sponsorships, economic issues, & current events.

Family & Consumer Sciences

Culinary 1

FAM100

GRADE LEVEL:

9-12

CREDIT:

0.5

Academic skills are put to practical use in Culinary I. Students will learn culinary skills and techniques for proper preparation and cooking. Other skills include proper measuring, safety and sanitation, & preparing simple recipes. Topics include basic nutrition and its relationship to good health. Food preparation is related to each topic of study. Students will gain fundamental skills that they can use for the rest of their lives, whether in a home kitchen or working in the restaurant industry.

Culinary 2 (DC)

FAM200



GRADE LEVEL:

10-12

CREDIT:

0.5

PREREQUISITE: Culinary I

This course is for students passionate about food and how it affects their body. Students will expand on the knowledge from Culinary I and continue hands-on experiences in the foods lab. You will have the opportunity to practice and apply skills learned in cooking methods, baking, sanitation & nutrition. The SERV Safe Certification test is administered in this course for students to gain employment in the culinary industry. *Students who complete all Mid-State requirements and earn a grade of "C" or better can be awarded high school credit and credit on a Mid-State transcript as Sanitation in the Foodservice Industry (10-316-112) 1 credit.*

ECE-Foundations of Early Childhood Ed (DC)

FAM340



GRADE LEVEL:

11-12

CREDIT:

0.5

PREREQUISITE: Child Dev or Infant/Toddler

Typically offered in odd school years; 27-28.

This course is designed for students with an interest in working with children. The course includes classroom instruction in personal and professional care for the developing child. An extended laboratory experience working with Little Sprouts Daycare and the Elementary School will allow students to practice techniques and concepts learned in the classroom. The course will explore program trends, quality indicators, and developmentally appropriate practices for children birth to 8 years of age. State of Wisconsin certification as an Assistant Child Care Teacher is attainable. *Students who complete all Mid-State requirements and earn a grade of "C" or better on Mid-State's grading scale can be awarded high school credit, as well as credit on a Mid-State transcript as ECE-Foundations of ECE (10-307-148) 3 credits.*

ECE-Child Development (DC)

FAM220



GRADE LEVEL:

9-12

CREDIT:

0.5

Typically offered in odd school years; 27-28.

This course examines child development within the context of early childhood education setting with a focus on children ages 3-8 years of age. An extended laboratory experience working with Little Sprouts Daycare & Elementary School will allow students to practice techniques and concepts learned in the classroom. *Students who complete all Mid-State requirements and earn a grade of "C" or better can be awarded high school credit and credit on a Mid-State transcript as ECE: Child Development (10-307-179) 3 credits.*

ECE-Health, Safety & Nutrition (DC) FAM350



GRADE LEVEL:

10-12

CREDIT:

0.5

Typically offered in even school years; 26-27.

Students will examine the topics of health, safety, and nutrition within the context of the early childhood educational setting for children from birth through 8 years of age. An extended laboratory experience working with Little Sprouts Daycare and the Elementary School will allow students to practice techniques and concepts learned in the classroom. This course includes training for Abusive head Trauma, SIDS, and Mandated Reporter certifications. *Students who complete all Mid-State requirements and earn a grade of "C" or better can be awarded high school credit and credit on a Mid-State transcript as ECE: Health, Safety, & Nutrition (10-307-167) 3 credits.*

ECE-Infant & Toddler (DC)

FAM210



GRADE LEVEL:

10-12

CREDIT:

0.5

Typically offered in even school years; 26-27.

Students will explore infant and toddler development as it applies to an early childhood education setting. This course focuses on children's development from conception through 3 years of age. This course includes training for Wisconsin Breastfeeding Friendly Child Care certification. An extended laboratory experience working with Little Sprouts Daycare will allow students to practice techniques and concepts learned in the classroom. *Students who complete all Mid-State requirements and earn a grade of "C" or better on Mid-State's grading scale can be awarded high school credit, as well as credit on a Mid-State transcript as ECE-Infant & Toddler (10-307-151) 3 credits.*

Elements of Design

FAM310

GRADE LEVEL: 9-12
CREDIT: 0.5

Typically offered in odd school years; 27-28.

This course is a combination of interior & fashion design. Students will become familiar with color schemes and principles of design for the purpose of decorating a home and creating visually appealing clothing. Students will be able to do a variety of projects and will need to collect and purchase supplies for those projects.

Health & Wellness (DC)



GRADE LEVEL: 11-12
CREDIT: 0.5

PREREQUISITE: Health 9

Typically offered in odd school years; 27-28.

Introduces students to basic health & wellness promotion principles including the six dimensions of wellness, determinants of health, & behavior change theory. Students explore a holistic view of health and wellness concepts covering healthy lifestyle choices, managing stress, individual wellness perspective, & how economics can positively and negatively impact the health & wellness of an individual. *Students who complete all Mid-State requirements and earn a grade of "C" or better on Mid-State's grading scale can be awarded high school credit, as well as credit on a Mid-State transcript as Essential Concepts for Health & Wellness (10-546-100) 3 credits.*

Nutrition for Healthy Living (DC)

FAM330



GRADE LEVEL: 10-12
CREDIT: 0.5

Typically offered in even school years; 26-27.

Students learn concepts of healthy eating to facilitate the journey of good health across the lifespan. Healthy eating concepts where the focus is on individual decision making and behavior change based on the My-Plate Plan and USDA Guidelines. Students will investigate nutritional myth versus fact and explore how policy and environment impact nutritional choice. In this course, students will also prepare healthy meals through hands-on experience in the lab about once a week. *Students who complete all Mid-State requirements and earn a grade of "C" or better on Mid-State's grading scale can be awarded high school credit, as well as credit on a Mid-State transcript as Nutrition for Healthy Living (10-546-101) 3 credits.*

Health Sciences

Health Occupations

PEH320

GRADE LEVEL: 10-12
CREDIT: 0.5

Health Occupations incorporates the study of healthcare careers and more. Students who successfully complete the CPR and First Aid unit will receive certification through the American Red Cross. Through multiple guest speakers, students will discover a variety of healthcare career options to consider in the future right here in central Wisconsin. This class is valuable to anyone considering a career as a healthcare professional.

DCA - Health Science I

PEH500

GRADE LEVEL: 10-12
CREDIT: 0.5

Introduces students to the various disciplines within the health sciences, including clinical medicine, sports medicine, anatomy & physiology, medical terminology, and biotechnology. Students explore the importance of diagnostics and research in the identification and treatment of diseases.

DCA - Health Science II

PEH501

GRADE LEVEL: 10-12
CREDIT: 0.5

This course provides students with a solid understanding of basic psychological concepts and the human lifespan from a healthcare perspective. Course coverage spans a broad range of important mental health and human development topics and addresses them alongside their significance for healthcare professionals.

DCA - Intro to Biotechnology

PEH502

GRADE LEVEL: 10-12
CREDIT: 0.5

Students will learn the basics of biotechnology and evolutionary theory, explore the various ways we grow, store & preserve food, and discover the process of fermentation & microbiology. This course will also cover the importance of breeding plants, hybridization, and how early breeding programs led to the study of genetics and understanding of the function of genes.

Technology Education

Intro to Woodworking

TEC110

GRADE LEVEL:

9-12

CREDIT:

0.5

Provides the basic information on the safe and proper use of woodworking machines. Students will be required to build an upholstered footstool.

Cabinetmaking

TEC200

GRADE LEVEL:

9-12

CREDIT:

0.5

PREREQUISITE: Intro to Woodworking

Students are introduced to specific cabinetmaking techniques and are provided with information on the safe and proper operation of more woodworking machines most used in cabinetmaking and construction industry. Students are required to build a nightstand.

Advanced Woods

TEC400

GRADE LEVEL:

10-12

CREDIT:

0.5

PREREQUISITES: Cabinetmaking

Students will use skills learned in Intro to Machine Woodworking and Cabinetmaking to design, estimate, and construct their own ideas or jobs within the community. Independent project-based class. Can be repeated for credit once Mechanical Design 1 has been completed.

Automotive Tech 1

TEC320

GRADE LEVEL:

10-12

CREDIT:

0.5

Lab-based course designed to introduce one to automotive maintenance, repair, and beginning diagnosing. Students will learn about automotive maintenance, basic systems repair, online service manuals, cooling, starting, and charging systems.

Automotive Tech 2 (DC)

TEC322

Automotive Tech 3

TEC450

GRADE LEVEL:

10-12

CREDIT:

1.0

PREREQUISITE: Automotive Tech 1

Lab-based courses that will cover fuel, ignition, brake, steering, and suspension systems. Students will also be introduced to basic scan tool operation. Can be repeated for credit with permission. Students who complete all Mid-State requirements and earn a grade of "C" or better can be awarded high school credit and credit on a Mid-State transcript as Service Practices in Automotive Industry (32-404-375) 1 credit.

Architectural Design 1

TEC221

Architectural Design 2

TEC223

GRADE LEVEL:

9-12

CREDIT:

0.5

Students will gain an understanding of building construction, drawing, and design. Students will develop plans for a house using computer-aided design software.

Construction Trades 1-3

TEC310-312

GRADE LEVEL:

10-12

CREDIT:

1.0

PREREQUISITE: Intro to Woodworking

PREREQ FOR TRADES 3: Arch Design 1

Students will learn the theory, materials, and methods used in construction, including foundations, walls, floors, roofs, exteriors, plumbing, electrical, HVAC, and insulation. Can be repeated for credit with permission.

Mechanical Design 1 (DC)

TEC220



GRADE LEVEL:

9-12

CREDIT:

0.5

Students will gain an understanding of pictorial & orthographic drawings and learn how to create 3D models & 2D representations using Inventor. *Students who complete all Mid-State requirements and earn a grade of "C" or better can be awarded high school credit and credit on a Mid-State transcript as Introduction to Inventor (10-623-114) 1 credit.*

Mechanical Design 2

TEC222

GRADE LEVEL:

10-12

CREDIT:

0.5

Students will build on their previous knowledge and will use automated manufacturing processes to produce products from their electronic 3D models. Students will also learn the basics of blueprint reading necessary for more complex designs and builds.

Small Engine Repair

TEC230

GRADE LEVEL:

9-12

CREDIT:

0.5

Lab-based course that covers disassembling and assembling small gasoline engines. Students will learn the theory, operation, and proper maintenance procedures by performing maintenance on various outdoor power equipment. Can be repeated for credit with permission.

Welding 1 (DC)



GRADE LEVEL:

9-12

CREDIT:

0.5

TEC210

Students study the safety and processes related to oxyfuel cutting and welding, shielded metal arc welding, gas metal arc welding, gas tungsten arc welding, and resistance spot welding. Plan and welding symbol reading is also explored. Labs are designed to provide students with the necessary practice to develop the habits and skills required to complete various types of welds in various positions. *Students who complete all Mid-State requirements and earn a grade of "C" or better can be awarded high school credit and credit on a Mid-State transcript as Welding Fundamentals I & II (10-442-117 & 10-442-118) 2 credits.*

Welding 2

GRADE LEVEL:

10-12

CREDIT:

0.5

TEC211

PREREQ: Welding 1

Students continue their skill development with the welding processes learned in Welding 1. This course is designed more towards independent lab work. Students expand their ability to complete various types of welds in various positions and develop and build independent projects. Can be repeated for credit after completion of Mechanical Design 1.

DCA - CDL Prep

TEC503

GRADE LEVEL:

12

CREDIT:

0.25

Instructs students in the basics of heavy equipment operation licensure requirements followed by professional skill building and employment readiness. This course does NOT provide behind-the-wheel instruction nor completion of the Commercial Driver's License Exam. The exam must be scheduled to be taken at a local DMV.

Pre-Apprenticeship Certification – Operating Engineer:

Students completing the following three courses with a "C" or better earn a Pre-Apprenticeship Certification endorsed by Local 139-International Union of Operating Engineers. Completion of these courses with a "B" or better can earn apprenticeship credit at Fox Valley Technical College.

DCA-Construction Equipment Fundamentals

TEC500

GRADE LEVEL:

10-12

CREDIT:

0.5

Introduces students to heavy equipment used in the construction industry. Students will also be instructed on basic safety, maintenance, and communication methods that operating engineers may be exposed to.

DCA-Mobile Equipment Maintenance

TEC501

GRADE LEVEL:

10-12

CREDIT:

0.5

Instructs students in the basics of maintenance of heavy equipment. Students will learn about engines, hydraulic systems, powertrain systems, lubricants, and electrical systems. Students will also be taught preventative maintenance, how to use parts and technical manuals, shop safety, and tools.

DCA-Basic Grade & Construction Math

TEC502

GRADE LEVEL:

10-12

CREDIT:

0.5

In this course students will learn how to use concepts and mathematical calculations with planning sheets to better familiarize themselves with the construction process.

Does NOT count as mathematics credit.

Miscellaneous Courses

Community Leadership

AUB100

GRADE LEVEL:

10-12

CREDIT:

0.5

PREREQUISITE: Approved Application

The goal of this course is to develop leadership qualities in students and help build citizenship and service learning within our school, community, and society. To develop leadership qualities, students will identify needs within our community and then organize and coordinate solutions to those needs. The class will organize Community Connection Coffee Clutch, Veterans Coffee Club, the Veterans Day Program, Veterans on Main banners, and coordinate and fundraise for the Veterans Duck Trip to Wisconsin Dells. Each student is responsible for inviting a community speaker to class. **Applications are available in the Counseling Office and at www.aubschools.com. There may be an interview process as well.**

Teacher Assistant

STS100

GRADE LEVEL:

11-12

CREDIT:

0.5/quarter

Students will assist district teachers with day-to-day activities. Possible activities: assist students individually or in small groups, make photocopies, prepare assignments, organize classrooms, etc.

Work Experience

WOW100

GRADE LEVEL:

11-12

CREDIT:

0.5/quarter

A school-supervised work experience. Students may leave school for one or two period(s) of the day for employment. School credit will be given for the work, and the employer will pay a wage. Students must be in good standing behaviorally and maintain passing grades in all classes to remain in the program. Students' work should be in an area related to their future career. **Interested students need to apply with Mrs. Hilgart.**

Youth Apprenticeship

WOW200

GRADE LEVEL:

11-12

CREDIT:

0.5/quarter

The Wisconsin Youth Apprenticeship program offers students training in specific career occupations. The goal is to prepare students who are ready to begin careers post high school or to continue for more formal training in college. Some programs may require students to take specific courses while they enroll in the program. **Interested students need to apply with Mrs. Hilgart.**