

Owensville High School

Career Planner

&

Course Descriptions

2021-2022

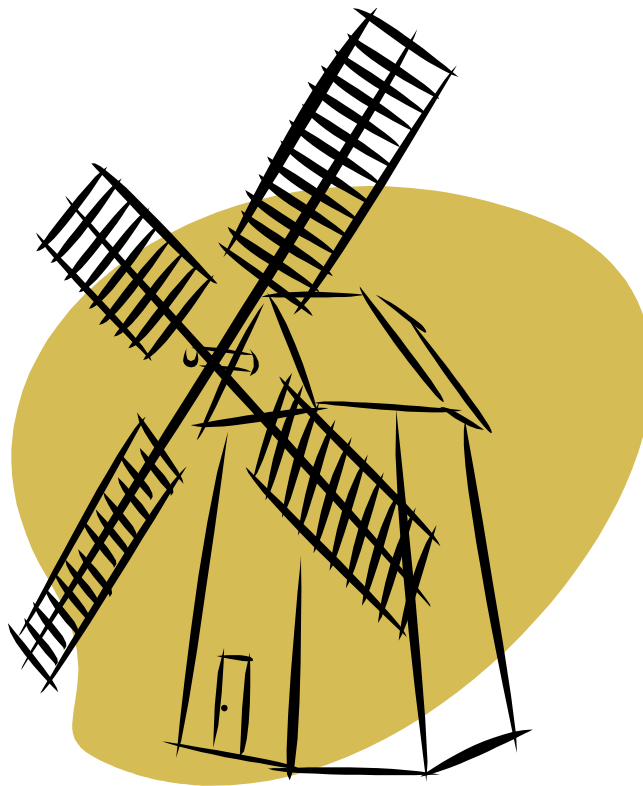


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Owensville High School

It is the goal of Owensville High School to provide all students with the positive learning environment that will assist them in achieving their career goals.

The information in this handbook is intended to assist students as they make plans for a career that will lead to a rewarding and enjoyable future. This booklet is also designed to acquaint them with the many choices available at Owensville High School. Students develop a personal plan of study according to their individual interests, abilities, and goals. Each spring students may adjust their personal plan using input from parents, teachers, counselors, and other resources. Information on careers, vocational-technical schools, scholarships, college entrance requirements, and other related data is also presented throughout the year. In addition, students may utilize career information available in the counselor's office, library, the A+ office, and through Missouri Connections.

No matter which career path is chosen or which courses are selected, Owensville High School strives to offer students an excellent background of courses and activities to prepare them for post-secondary education and/or a high-wage job.

Parent involvement is critical to the success of the student's four-year plan. It is the responsibility of each student to read carefully all of the registration materials and requirements for graduation. Since students will have limited ability to make changes in their schedule during the year, they must be willing to accept these choices for the year. Parents should be aware of the requirements and offer assistance to their student in choosing their career pathway, high school courses, and in planning future goals. Both parents and students are encouraged to seek assistance from the Owensville High School faculty and staff.

We challenge students to set high standards, select courses and school activities that will help achieve personal and career goals, work hard to achieve these goals, and attend classes daily.

Gasconade County R-II Mission Statement

It is the mission of the Gasconade County R-II Schools to inspire lifelong learners who are self-sufficient and ethical citizens.

A+ Schools Program

Beginning with the Class of 2002, Owensville High School has been a designated A+ School by the Missouri Department of Elementary and Secondary Education. As an A+ School, the Gasconade County School District is committed to the task of guiding students in a rigorous program of academic and technical education that will prepare them for the workplace, post-secondary vocational/technical training or college.

The three major goals of the A+ School Program are that:

- All students will graduate
- All students will complete a course of study that is challenging and for which there are identified learner expectations
- All students will proceed from high school to a college or post-secondary vocational or technical school or a high wage job

This manual has been developed to provide the guidelines and policies that will be applied to all A+ students at the Gasconade County R-2 School District. It is the responsibility of the students and parents to read, understand and comply with the program requirements for eligibility.

A+ STUDENT ELIGIBILITY

In order to be eligible for the A+ Program at OHS students must meet the following requirements:

- Enter into a written agreement with the high school prior to graduation
- Attend a designated A+ school for three consecutive years prior to graduation
- Graduate with an overall GPA of 2.5 or higher on a 4.0 scale
- **Beginning with the high school senior class of 2015**, have achieved a score of proficient or advanced on the official Algebra I end of course exam, or complete the first semester (at their own expense) at a postsecondary institution with a minimum of twelve (12) hours or the equivalent and a 2.5 grade point average prior to accessing A+ funds.
- Have an overall attendance rate of 95% or higher for grades 9 – 12
- Perform 50 hours of unpaid, district supervised tutoring/mentoring
- Maintain a record of good citizenship and avoid the unlawful use of drugs and alcohol
- Make a good faith effort to secure Federal Aid by completing the Free Application for Federal Student Aid (FAFSA)
- Register with the Selective Service if required to do so

On-going eligibility:

- Attend a public community college or vocational/technical school on a full time basis
- Maintain a cumulative GPA of 2.5 or higher
- Make a good faith effort to secure Federal Aid by completing the FAFSA each year

*Funding and rule changes to the A+ program are under the governance of the Missouri State Legislature and the Department of Elementary and Secondary Education. Reimbursement is not the funding responsibility of the Gasconade County R-2 School District.

A+ STUDENT AGREEMENT

The first step in participating in the A+ Program is for the student to fill out and submit the Student Agreement. This is signed by both student and parents. This form is available in this booklet or in the A+ Office. Once this form is completed and returned to the A+ Office, the student will become an active member of the A+ Program.

THREE YEARS OF ATTENDANCE

Students must attend a designated high school for three consecutive years immediately prior to graduation. If a student transfers into OHS after the start of their sophomore year, they will only be eligible if they transferred from an A+ School or enrolled no later than the 20th day of the fall term of their sophomore year.

GRADE POINT AVERAGE

A+ students must graduate with a cumulative grade point average of 2.5 or higher on a 4.0 scale. The grade point average is figured at the end of each semester and is cumulative for all four years of high school. For A+ purposes, GPA cannot be weighted for Honors courses and the GPA will not be rounded up (ex: 2.490 is NOT a 2.500). The student's official transcript will serve as evidence of the GPA for admission into a Missouri public community college or vocational-technical school.

ATTENDANCE REQUIREMENT

Students enrolled in the A+ Program at OHS must have a cumulative attendance rate of 95% or higher for grades 9 – 12. The cumulative attendance information will come from the official attendance record kept by Gasconade County R-2 Schools and include any transfer attendance records if needed. The attendance record will be kept for a 4 year period beginning with the freshman year. The attendance percentage can NOT be rounded. **ALL absences are documented in the attendance record and counted against the students A+ attendance.** If a student has exceeded the maximum number of days missed, students will be notified that he/she is no longer eligible for the A+ Program. After receiving this information, the parent will have an opportunity to file an attendance appeal with the A+ Coordinator if an attendance problem has occurred. Extenuating circumstances such as serious health problems or accident-related injuries may cause long term and/or chronic absences. In such cases, students/parents may provide the A+ Coordinator with medical documentation, which will be considered in reviewing a waiver of absences due to extenuating circumstances. Appropriate medical documentation is a letter from the physician who is treating or has treated the student for the serious health problem or accident-related injury that has caused the absences. The letter should include a reference to the medical situation causing the absence and the condition(s) preventing the student from attending school. Attendance waivers will be reviewed by an A+ Committee consisting of the A+ Coordinator, High School Principal, High School Guidance Counselor, A+ Advisory Committee member (not a school staff member), volunteer high school staff member and a staff member selected by the student. This committee will review the student's full attendance history. After the committee reaches a decision the parents will be notified by the A+ Coordinator.

TUTORING / MENTORING REQUIREMENTS

The law requires A+ students to perform 50 hours of unpaid tutoring/mentoring with students. These hours must be documented before an A+ student graduates from OHS. In order to begin a tutoring/mentoring activity, the A+ student must meet the following guidelines:

- Have signed A+ Student Agreement on file
- Have a signed Tutoring Agreement on file
- Maintain a record of good citizenship
- Be in good standing with attendance and GPA

All tutoring/mentoring must be associated with the Gasconade County R-2 School District and must be supervised by a certified teacher. An official log sheet must be filled out by the student and signed by the cooperating teacher in charge of

the tutoring/mentoring activity. The log sheet must be submitted to the A+ Office at the end of the semester. Hours can be achieved by:

- Summer School (if in session)
- Tutoring before school, after school or during Dutchtime
- Cadet Teaching during their Junior or Senior year. Students may enroll for a semester credit course in which they can accrue their tutoring hours. Additional assignments are required for this graded ½ credit course during the regular school year. Transportation will not be provided to OES or OMS.

CITIZENSHIP REQUIREMENT

Participation in the A+ Schools Program is voluntary. Students who participate in the A+ Schools Program are expected to maintain a record of “good citizenship” in order to qualify for the post-secondary financial assistance. Good citizenship is demonstrated by respect for school, community, self, as well as the avoidance of the use of drugs and alcohol. Special cases outside the contract time involving serious violations will be subject to review.

Students who violate the District Drug/Alcohol/Substance Abuse Policy, the OHS Discipline Policy, or the Safe Schools Act during the A+ contract time may be ineligible to receive the A+ financial incentive. Good citizenship must be maintained throughout the A+ contract time until graduation and the certifying of all A+ eligible students to the Department of Elementary and Secondary Education.

Examples Where Automatic Ineligibility Will Occur:

- Possession of or attendance under the influence of any unauthorized prescription drug, alcohol, narcotic substance, counterfeit drugs or drug-related paraphernalia, including controlled substances and illegal drugs while at school, on any part of the Gasconade County R-2 School grounds, a school bus or at a school activity whether on or off school property.
- Sale, purchase or distribution of alcohol, prescription drugs, narcotic substance, counterfeit drug or drug related paraphernalia including controlled substances and illegal drugs.
- Violations of the Safe Schools Act. Students who are disciplined in accordance to the Safe Schools Act will be removed from the A+ Schools Program. These violations include threats, weapons and possessions and violence.
- A second offense under the District Drug/Alcohol/Substance Abuse Policy governing extra-curricular activities.

Students Will Be Placed on Probation and Ineligibility May Occur Under the Following Circumstances:

- Any student who receives an out-of-school suspension for 5 days or more (unless automatic ineligibility occurs).
- Violation of the Gasconade County R-2 School District Extra Curricular Code of Conduct
 - ♦ First Offense – Written warning and documentation of incident placed in file
 - ♦ Second Offense – Automatic Ineligibility

Due Process -

A+ Students will have the opportunity to express their sides of any incident in which they may be involved. If the student is dissatisfied with any decisions, he/she has the right to appeal through the following process. Notify the A+ Coordinator in writing of his/her intent to appeal the disqualification notice and submit all supporting documentation. The incident will then be reviewed among the A+ Citizenship Review Committee. This committee will consist of the A+ Coordinator, High School Principal or Vice-Principal, a Guidance Counselor, two teachers and a non-school employee. The student may also select a school staff member to serve on the committee; however, this staff member does not serve in the capacity of representing the student. The committee shall hear the appeal and return its decision to the student in writing. The decision of the A+ Citizenship Review Committee will be final.

SELECTIVE SERVICE REGISTRATION

Participants, who are required by the laws of the United States to register with the selective service system, must register or forfeit their eligibility for the A+ Tuition Benefits.

FAFSA – Free Application for Federal Student Aid

Parents must make a good faith effort to secure all available post-secondary student financial assistance funds that do not require payment. The procedures for this are as follows:

- Parents must complete and submit the FAFSA form. Additional information is available at <http://www.fafsa.gov> (this is a FREE service)
- Students are encouraged to apply as early as possible, but no later than **October 1st**.
- Parents will receive a Student Aid Report (SAR) upon completion of the FAFSA. The student should keep this report to verify that a FAFSA was filed.
- Failure to complete the FAFSA will result in the A+ funding to be withheld.

PROCEDURE FOR REPORTING OF ELIGIBLE A+ STUDENTS

As soon as all Senior data is recorded a list of eligible Seniors is generated. Transcripts will be documented with the A+ Stamp showing eligibility of A+ benefits. Students must make sure their name and Social Security # are accurate in our system.

RECOGNITION FOR A+ STUDENTS

A list of eligible A+ students will be submitted to the local newspaper to be placed into the Senior insert. A+ eligible students will be recognized at the annual Awards Ceremony held prior to graduation and receive their A+ medal and certificate.

USING A+ INCENTIVE FUNDS

Once the A+ Office certifies the student, the graduated student will be eligible to receive A+ Funds. The following guidelines will apply to the use of these funds:

- A+ eligible students may receive financial incentives for up to a maximum of six (6) academic terms, within four (4) years from high school graduation date.
- A+ eligible students must enroll in a minimum of 12 credit hours in fall and spring semesters and 6 in summer session in a Missouri Community College or Vocational or Technical School.
- The A+ program covers maintenance fees. Certain items such as lab fees, supplemental textbooks, and supply items will not be covered. Students will be responsible for these costs.
- A+ students are under no obligation to use the A+ financial benefits.
- Receipt of private scholarships will not affect an A+ participant's eligibility for benefits.

GASCONADE COUNTY R-2 SCHOOL DISTRICT

PO Box 536, 3336 Highway 19 North, Owensville, MO 65066

(573) 437 - 2174

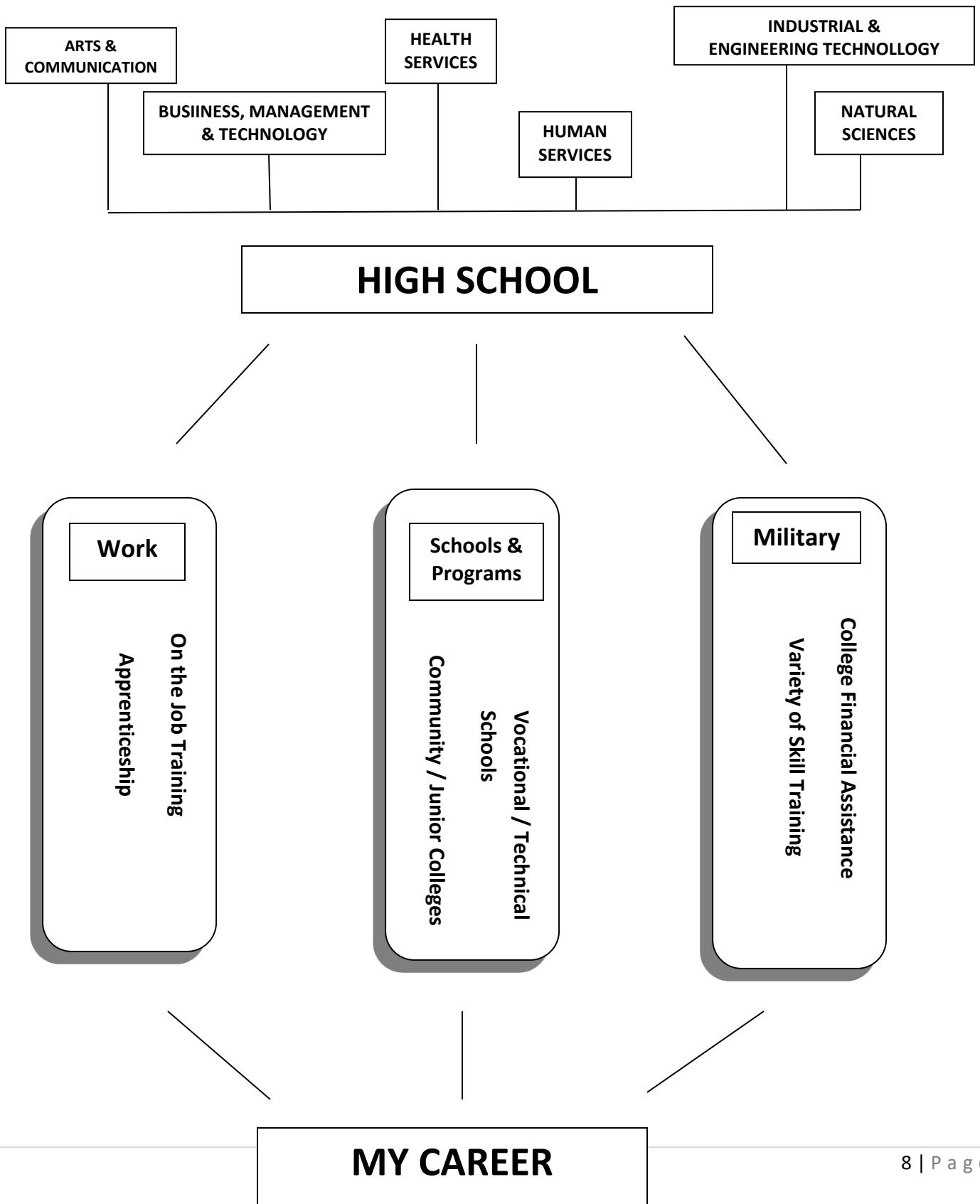
Dr. Chuck Garner	Superintendent
Jeri Kay Hardy	Assistant Superintendent
Kris Altemeyer	High School Principal
John Bunch	High School Assistant Principal
Ryan Okenfuss	A+ Coordinator (ext: 1128)
Raquel Bunton	Counselor – 11 th & 12 th grades
Beverly Giebler	Counselor – 9 th & 10 th grades
Kathy Luther	A+ and Guidance Office Secretary (ext: 1111)

School-to-Career

Owensville's School-to-Career system focuses on improving the way students are prepared for careers, post-secondary education, and citizenship. Students learn better when they see the relevance between their studies and future success. By linking schools and workplaces, the School-to-Career system improves student motivation, academic performances, and prepares students to choose and follow careers.

Career Preparation

CHOICES AFTER HIGH SCHOOL



Your Choices

AFTER HIGH SCHOOL

On-the Job Training

Some occupations do not require training prior to employment; rather additional training and skills required beyond high school are provided by the employer.

Apprenticeship

Apprenticeship is a three to four-year training program where you earn money while you learn, working on the job. You receive a license at the end of training. Examples of trades that use apprenticeship are bricklaying, jewelry making, electrical repair, etc.

Vocational/ Technical School

Programs at these schools are generally from one month to four years in length. Examples of vocational technical programs include practical nursing, robotics, and some areas of business.

Community/ Junior College

Community colleges offer two-year “degree” vocational training, associate degrees, or credit transfer to a college or university where you can pursue a bachelor’s degree. Most community colleges have an open enrollment policy for high school graduates and individuals with GEDs.

College/University

A bachelor’s degree requires approximately four years of college. A master’s degree usually requires one to two years of college beyond the bachelor’s degree. A minimum of a bachelor’s degree is required for about 20% of the occupations in the United States. Entrance requirements depend on the desired program/major.

Military

Training is available for many jobs while you are enlisted. You may also receive financial assistance for college, room and board, salary, and insurance benefits. High school graduation is required. Another consideration for students would be the military academies like West Point or University ROTC.

The Purpose of Career Paths

Owensville High School has programs to assist all students in choosing and preparing for rewarding careers. A general high school program of studies is simply not enough preparation for today's colleges, technical career, or for employment in today's complex workplace. Rather, the program of studies must be carefully planned and selected to help ensure that students attain their goals.

CAREER PATHS help give focus and direction to the selection of a high school course of study and to best assist the student in achieving whatever goal he/she has chosen. All high school students are asked to consider a Career Path (s).

Career paths are clusters of occupations and careers that are grouped together because many of the people in them share similar interests and strengths. All paths include a variety of occupations that require different levels of education and training. Career paths provide students with an area of focus, along with the flexibility among many options and a variety of ideas to pursue.

CHOOSING A CAREER PATH...

As part of Owensville High School's Guidance program, each student, working with parents, teachers, and high school counselors, will develop a course of study centered around one of the six broad career pathways. The course of study may reflect a general area of interest such as health services, or it may concentrate on a specific occupational goal such as becoming a respiratory therapist or a registered nurse. The following activities will enable students to achieve a designated career path:

- Owensville students have been involved in activities designed to expand awareness of a variety of careers. Activities to explore careers will continue throughout high school.
- Identify your interests, abilities, and talents.
- Consider the possible careers in each path in relationship to those interests, abilities and talents.
- Decide which career path seems to fit you best.
- Select courses that are related to the career path you have chosen.
- Students choose a career path by considering personal interests, personalities, and strengths. Students develop and revise annually a four-year plan by selecting the courses that are relevant to the variety of occupations in the career path chosen.

HOW CAN PARENTS AND OTHERS HELP?

- Help students identify interests, abilities, and talents by discussing strengths with them.
- Share information about career and work experiences.
- Arrange for students to talk with people about careers that are of interest.

If Students Change Their Minds...

A career path is a choice and is **NOT** a permanent commitment. As students mature and have new experiences, they will learn new things about themselves and may want to change career paths. Four-year plans are reviewed and revised annually. Students will not lose credit for classes already taken if they change career paths nor will changing career paths in itself delay graduation date.

CAREER PATHS – WHAT ARE THEY?

Career paths are clusters of occupations/career that are combined because many of the people in them share similar interests and strengths. It is important to note the variety of occupations in each pathway that require different levels of education and training.

ARTS AND COMMUNICATION

Are you a creative thinker? Do you consider yourself imaginative and innovative? Do you like doing things that are original? This pathway prepares students for occupations related to the humanities and the performing, visual, literary, and media arts. These occupations include architecture; graphic, interior, and fashion design; writing; film; arts; journalism; languages; media; advertising; and public relations.

BUSINESS, MANAGEMENT, AND TECHNOLOGY

Do you like being a leader, organizing people, and planning activities? Are you good at communicating with a variety of people? Do you like working with facts or numbers? Do you enjoy carrying through an idea and seeing the end product? This pathway prepares students for occupations related to the business environment. These occupations include entrepreneurship, sales, marketing, computer/information systems, finance, accounting, personnel, economics, and management.

HEALTH SERVICES

Do you like helping people who are sick or helping people stay well? Are you interested in working in hospitals, clinics, or treatment centers? Are you curious about new diseases and how the body works? Do you enjoy interacting with people? This pathway prepares students for occupations related to the promotions of health and the treatment of disease. These occupations include research, prevention, treatment, and related health technologies.

HUMAN SERVICES

Are you friendly, open, and outgoing? Do others consider you understanding and cooperative? Is it important for you to try to make things better for other people? This pathway prepares students for occupations related to economic, political, and social systems. These occupations include education, government, law and law enforcement, leisure and recreation, military, religion, child care, social services, and personal services.

INDUSTRIAL AND ENGINEERING TECHNOLOGY

Are you mechanically inclined? Do you like to use your hands and build things? Do you enjoy finding out how things work? Are you practical? This pathway prepares students for occupations related to the technologies necessary to design, develop, install, or maintain physical systems. These occupations include engineering, manufacturing, construction, service, and related technologies.

NATURAL RESOURCES

Do you like the outdoors? Are you curious about the physical world? Are you interested in plants and animals? Do you enjoy being physical active? Do you like to observe, investigate, and solve problems? This pathway prepares students for occupations related to agriculture, the environment, and natural resources. These occupations include agricultural sciences, earth sciences, environmental sciences, fisheries, forestry, horticulture, and wildlife.

Scheduling Information

This guide will help you, the student, and your parents plan your high school program. We hope you will continually review your educational and career goals and develop a program of study that will help you achieve these goals.

POINTS TO KEEP IN MIND...

- Before selecting a subject, check the course description. Be sure it fits your needs, interests, and career goals and helps you achieve both the graduation requirement and your career goals.
- Note prerequisites and fees listed with each course. Teacher permission usually requires the student has the appropriate teacher sign his other course selection form prior to arena scheduling.
- On the basis of your pre-selection of courses, a high school master schedule is developed and teachers are assigned to best accommodate requested classes. The subjects you choose are reserved for you, and you are expected to take the classes you pre-selected.
- Choose your elective classes carefully. Try to select classes in your career path that will assist you in achieving your career goals. Alternate classes should be selected carefully. In the event of conflicts, you will be expected to register for your alternate selections.
- Dutch time teachers will assist with this process. **SCHEDULE CHANGES WILL BE VERY LIMITED.** Consult your Dutch time teacher or the high school counseling department if you have question about credits, graduation requirements, college requirements, or vocational/technical programs.

ARENA SCHEDULING

Arena scheduling is a privilege that students earn. In prior years, the order in which students schedule is based upon their grade level and attendance record for the current year. Due to COVID-19, students will schedule based on their first semester GPA. Students who have not returned their pre-scheduling form by the required date will not be permitted to arena schedule.

Steps in Scheduling Classes:

1. Students review career planner information and course description book.
2. Students complete a pre-scheduling form.
3. Parent/Guardian, students, Dutch Time teacher, and counselor review pre-schedule from for final approval.
4. Based upon classes selected by students during pre-scheduling, a master schedule is developed.
5. Students receive a copy of the master schedule and plan their schedule for the next school year based upon their pre-selected courses. Using the master schedule, students may select future classes.
6. Students must turn in the final draft of their schedule by the deadline date.
7. On the day of arena scheduling, students enter the arena by grouping based upon their grade level and their attendance. Students must have met all deadline requirements. After schedule is finalized, students go to the computer lab to have their schedules entered electronically.

NOTE: Final class schedules are subject to change by the counselor

OWENSVILLE HIGH SCHOOL GRADUATION REQUIREMENTS

In order to graduate from Owensville High School, students must meet all of Gasconade Co. R-II School District's and the Missouri State Board of Education requirements. In addition to earning the required 24 credits and passing specific required classes, graduates must pass both the U.S. and Missouri Constitution tests.

Specific requirement are as follows:

SUBJECT REQUIREMENTS AND OWENSVILLE HIGH SCHOOL COURSES	CREDITS REQUIRED		
	ALL OHS STUDENTS	COLLEGE PREP STUDENTS	MO STATE COLLEGES & UNIVERSITIES
Communication Arts English 1, English 2, English 3, (an additional credit is required from the Communication Arts Department.	4	4 (4th credit must be above English 3)	4 (4th credit must be above English 3)
Mathematics	3	4	4
Science Physical Science, Biology 1, One Science Elective	3	3	3
Social Studies Government, World History, American History	3	3	3
Fine Arts	1	1	1
Practical Arts	1	1	1
Physical Education PE, Advanced PE, Weight Training, Lifetime Fitness	1	1	1
Health	.5	.5	.5
Personal Finance	.5	.5	.5
Electives (Some colleges require 2 years of the same foreign language)	7	7	6
Total	24	25	24

GRADUATION

Seniors must have completed ALL graduation requirements to participate in the graduation ceremony and related activities.

Frequently Asked Questions...

May I repeat a course for graduation credits?

No, an academic course successfully completed with a passing grade cannot be repeated for credit. However, some electives can be repeated such as band, choir, journalism, weight training, etc. Courses that can be repeated for credit are listed as “repeatable” in the course description.

What happens if I fail a semester of a required full year (2 semester) course?

Credits are earned by the semester (.5 credit per semester). If you fail a required course, you need to repeat the failed semester again until you successfully complete that semester of the course. The exception to this rule is with math. If you fail a semester of math and do not make up that semester in summer school, you will repeat the entire math course.

May I get extra credit through summer school or correspondence courses?

Yes. Summer school is offered each year. District policy states that only 1 correspondence course may be counted toward graduation requirements. To receive credit from Owensville High School, correspondence courses require approval of the counselor before enrolling. The student is responsible for all costs. Courses must be completed three weeks prior to the end of the academic year.

May I get graduation credit for extracurricular activities?

No. The only out-of-school activity for which students receive credit is a school-arranged internship program available only for seniors. Applications must be made prior to arena scheduling.

What happens if I withdraw from a class before the end of the semester?

Students must complete classes for which they are enrolled. If a student transfers to another school, his/her current grades and transcript are sent to the new school after all books are returned and any outstanding fines or charges paid.

May I change my schedule at semester if I don't like the class I am taking?

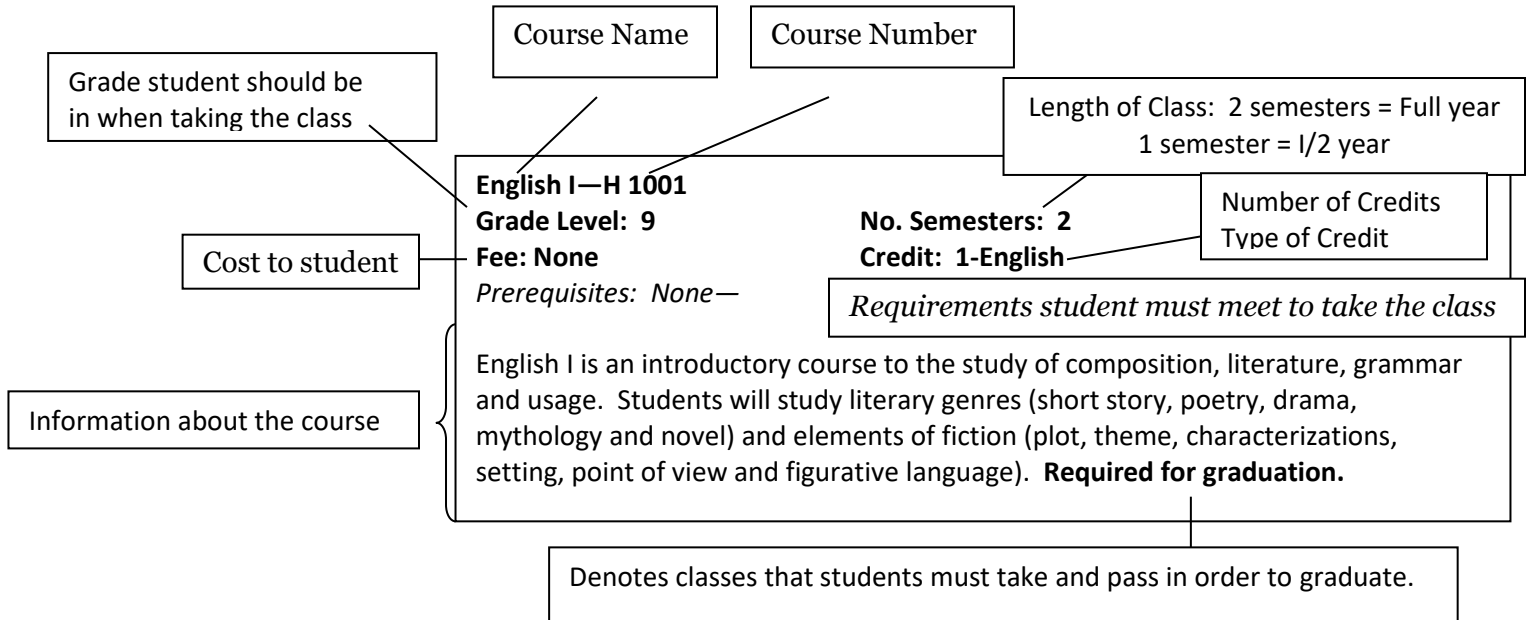
Due to class size and limitation in class offerings, the ability to change a class simply because you do not like the class will be difficult. On most occasions, schedule changes will be limited to teacher-initiated changes and will be based upon a student's inability to complete the class.

How many credits are required to graduate from Owensville High School?

You must receive 24 credits and have earned the appropriate number of credits in each of the areas indicated on the graduation requirements. Students participate in the graduation ceremony only after all credits are earned. Students who are short any credits may not participate in the graduation ceremony or other graduation activities. Correspondence courses must be completed and credits on file in the counselors' office three weeks prior to the graduation ceremony.

Do any classes that I took in Middle School count toward high school credit? No, the advanced classes in math will allow you to enter our math sequence at a higher level, but does not count for credit toward high school graduation.

READING COURSE DESCRIPTIONS



COURSE DESCRIPTIONS

COMMUNICATION ARTS

ENGLISH ☆ ENGLISH ☆ ENGLISH ☆ ENGLISH ☆ ENGLISH

English I—H1001

Grade Level: 9

Fee: None

Prerequisites: None

No. Semesters: 2

Credit: 1 English

English I includes a variety of communication art areas. Literature, grammar, writing, as well as speaking and listening skills are emphasized. Genres of literature include short stories, poetry, prose forms, and drama. Grammar places emphasis on simple, compound, and complex sentences with the study of phrases, clauses, and attending punctuation for each. Writing emphasizes paragraph development and three-paragraph compositions. Vocabulary words are included throughout the year. Students participate in a variety of listening and speaking activities. Outside reading is required from a selected list of books and class novel sets. **Required for graduation.**

English II—H1002

Grade Level: 10

Fee: None

Prerequisites: None

No. Semesters: 2

Credit: 1 English

English II is a required course at the sophomore level designed to cover all areas of communication arts. Included in this course are spelling and vocabulary, oral presentations, test taking and effective reading skills, a variety of literature, and grammar skill-usage. Also included are writing skills focusing on sentence structure, and paragraph and essay construction using the writing process. Creative writing will be covered as well. Students will also be required to read outside of class. **Required for graduation.**

COMMUNICATION ARTS

ENGLISH ☆ ENGLISH ☆ ENGLISH ☆ ENGLISH ☆ ENGLISH

English III—H1003

Grade Level: 11

No. Semesters: 2

Fee: None

Credit: 1 English

Prerequisites: None

English III is a course at the junior level designed to cover all areas of communication emphasis placed upon interpreting the American literature through both oral discussions and written compositions, as well as exploring literature using multimedia, while at the same time covering grammar usage. Included in this course are vocabulary, speeches, test taking and study skills, and a variety of American literature, along with independent reading. The research process is also covered. **This fulfills the requirement for the third year of English.**

English III Honors—H1004

Grade Level: 11

No. Semesters: 2

Fee: None

Credit: 1 English

Prerequisites: Successful completion of English II with an A/B average and recommendation by Eng. Dept.

Honors English III is a course at the junior level designed to cover all areas of communication arts. Emphasis is placed upon interpreting the American literature through both oral discussions and written compositions, while at the same time covering grammar usage. Included are vocabulary, speeches, test-taking skills, and a variety of American literature, along with independent reading. This course will emphasize the use of critical thinking skills and will include many enrichment activities. The research process is also covered. **This fulfills the requirement for the third year of English.**

English 3 Communications—H1005

Grade Level: 11

No. Semesters: 2

Fee: None

Credit: 1 English

Prerequisites: Recommendation by the Eng. Dept.

Communications is designed for juniors and seniors planning to enter the workforce, attend trade school, or college after high school graduation. Semester 1 will focus on building and developing literary and informational reading and writing skill. Semester 2 will focus on planning and preparing for future career paths. Key focuses for instruction will include: speaking and writing skills, critical thinking, decision making, and technology use within a real world setting.

This fulfills the requirement for the third year of English.

English IV—H1006

Grade Level: 12

No. Semesters: 2

Fee: None

Credit: 1 English

Prerequisites: None

English IV is a course at the senior level designed to cover all areas of communication arts emphasis placed upon interpreting British literature through both oral discussion and written composition, while at the same time covering grammar usage. Included in this course are vocabulary, speeches, test-taking and study skills, and a variety of English literature, along with independent reading. This course will emphasize the use of critical thinking skills. The research process is also covered.

This fulfills the requirement for the fourth year of English.

COMMUNICATION ARTS

ENGLISH ☆ ENGLISH ☆ ENGLISH ☆ ENGLISH ☆ ENGLISH

English IV Technical Writing—H1007
Grade Level: 12 **No. Semesters: 2**
Fee: None **Credit: 1 English**
Prerequisites: Recommendation by Eng. Dept.

Technical Writing is designed for students who are planning to enter a career, attend trade school, or entering the work field directly after high school. Students will review composition skills, grammar usage, and spelling and 27 vocabulary as these are applied to completing various forms of letter writing. Relevant consumer materials will be presented.

This fulfills the requirement for the fourth year of English.

AP English—H1009
Grade Level: 12 **No. Semesters: 2**
Fee: None **Credit: 1 English**
Prerequisites: Successful completion of Honors Eng. 3 and/or recommendation by the Eng. Dept.

AP English IV is a course designed for college-bound students with above-average command of literature, language, and grammar skills. Students will study and analyze prose, poetry, and plays from various fields and periods with a focus on English literature. These examples will serve as models of effective styles, and the students will write a variety of writing assignments calling for the use of different styles or tones. The class will not only prepare students to sit for the AP Literature and Composition exam in the spring, but it will also deepen their understanding of the way writers use language to provide both meaning and pleasure for their readers. The students will find a great deal of outside reading involved with this course. The research process will also be covered in this course. **This fulfills the requirement for the fourth year of English.**

College Prep English—H1008
Grade Level: 12 **No. Semesters: 2**
Fee: None **Credit: 1 English**
Prerequisites: Successful completion of Eng. 3 or Honors 3 and recommendation by the Eng. Dept

College Preparatory English is strongly recommended for the senior who is college bound. Students will be expected to work on assignments and read outside of class, however, class time will also be provided for completion of large assignments. Students will explore various careers and college programs, and focus on scholarship, resume, and cover letter writing. Throughout the entire course the student will work on building vocabulary and increasing sentence structure skills, while also improving writing skills through descriptive, persuasive, and expository writing for all college level classes. This course also gives students the chance to read a variety of novels, complete several large and small composition pieces and practice public speaking skills to help them feel prepared for college entry-level courses.

*All students who sign up for College Preparatory English are advised to take the ACT during the summer before their senior year.

This fulfills the requirement for the fourth year of English.

Mythology—H1725
Grade Level: 9-12 **No. Semesters: 1**
Fee: None **Credit: .5 English**

Do you love learning about Gods and Goddesses? Have you ever wondered how much of the Percy Jackson books is actual Mythology? This interactive class explores not only Greek myth, but traverses the globe looking at Norse, Egyptian, and other mythologies. Through creative activities, we will understand myth's function in society still today as well as the stories that have been around for thousands of years. Students end the class with a better knowledge of world mythologies and are able to connect the lessons to their own life.

COMMUNICATION ARTS

ENGLISH ☆ ENGLISH ☆ ENGLISH ☆ ENGLISH ☆ ENGLISH

Science Fiction—H1726

Grade Level: 9-12

No. Semesters: 1

Fee: None

Credit: .5 English

Prerequisites: None

Robots! Time Travel! Interplanetary Battles! You will see it all in Science Fiction class. As a class we work our way through novels together and learn what Science Fiction really is. If you are interested in Dr. Who, Star Trek, Twilight Zone, Divergent, Hunger Games, Star Wars or anything else that you might consider Science Fiction, you will love this class. This class is interactive and creative, and is a much fun as you bring to it. By the end of the semester, you will have knowledge of many Science Fiction sub-genres and be able to discuss novels in depth.

Life Skills English—H1620 (Repeatable)

Grade Level: 9-12

No. Semesters: 2

Fee: None

Credit: 1 English

Prerequisites: Must have an IEP to be enrolled in this class

Students develop everyday living skills through cross-curriculum activities involving but not limited to: job applications, mock interviews, cooking, sewing survival needs, functional language arts, vocabulary expansion, and math.

Newspaper and Creative Writing—H1724

Grade Level: 9-12

No. Semesters: 2

Fee: None

Credit: 1 English

Prerequisites: Teacher Permission

Do you love creating poetry and short stories? How about sharing your opinion towards various topics that affect today's world? This course will provide students the chance to explore different styles of writing, specifically creative and journalism. Students will have the opportunity to customize their learning experience to focus on one of the following areas: 1) Creative Writing: engage and participate in different activities that will help develop creative writing skills. Students will practice with poetry, short stories, art and other forms of fiction writing. Throughout the course, students will use their skills to compose various creative pieces based on concepts of interest to them. 2) Newspaper: learn the basics of mass media and how social media has influenced journalism and mass media. Throughout the course, students will develop journalism articles inspired from topics of interest to them. All pieces will be published to the school website (Dutchmen.us). Students will also compose different editorial pieces for the student body weekly and interact with one another regularly.

Embedded English for RTI—H1020

Grade Level: 11-12

No. Semesters: 4

Fee: None

Credit: 1 English

Prerequisites: Must be enrolled in RTI/RTC

Certain programs at RTI/RTC have embedded English within the program. This will ensure that a student will fulfill their fourth English requirement by the time they complete their RTI program.

English Concepts—H1600 (Repeatable)

Grade Level: 9-12

No. Semesters: 2

Fee: None

Credit: 1 English

Prerequisites: Must have an IEP to be enrolled in this class

This course reviews basic elements of grammar, writing skills, reading, vocabulary and literary awareness. Students will develop the functional language arts skills needed in adult life.

Modern Local History—1723 (Yearbook)

Grade Level: 9-12

No. Semesters: 2

Fee: None

Credit: 1 Elective

Prerequisites: Teacher Permission

Staff members will produce the high school yearbook and produce photos used in the yearbook. Staff members must be dependable and able to work independently. Each year editors, writers, business managers, and photographers are chosen to operate the yearbook as if it were a small business.

COMMUNICATION ARTS

SPEECH ☆ SPEECH ☆ SPEECH ☆ SPEECH ☆ SPEECH

Speech—H1010

Grade Level: 9-12

No. Semesters: 1

Fee: None

Credit: .5 English

Prerequisites: None

Ease into public speaking in this fun, hands-on class. First semester is all about speech techniques, writing speeches, presentation techniques, etc.

Oral Communications—H1011

Grade Level: 9-12

No. Semesters: 1

Fee: None

Credit: .5 English

Prerequisites: None

A continuation of speech with emphasis on special occasion speeches, oral interpretation/readers theatre, and debate!

COMMUNICATION ARTS

DRAMA ☆ DRAMA ☆ DRAMA ☆ DRAMA ☆ DRAMA

Intro to Theater—H1014

Grade Level: 9-12

No. Semesters: 1

Fee: None

Credit: .5 Fine Art

Prerequisites: None

Theatre Arts is a course designed to increase student's perception, and creative expression. This course provides a foundation in theatre: theatre history, play analysis, terminology, stage movement, vocal mastery, memorization, character interpretation, and production principles.

Stage Craft I—H1015

Grade Level: 9-12

No. Semesters: 1

Fee: None

Credit: .5 Practical Art

Prerequisites: None

This course provides students with a look behind the curtain in theatre. How do the lights, costumes, makeup, props, and sets come together to make the story? Students will learn the technical side of theatre through instruction, videos, and hands-on projects.

Stage Craft 2—H1016

Grade Level: 10-12

No Semesters: 2

Fee: None

Credit: 1 Practical Art

Prerequisites: Successful completion of Stage 1

Students will acquire hands-on experience as they work with a wide variety of tools and techniques commonly used in the creation of theatrical productions. This class is designed to build the sets used for theatrical production, design lighting, create sound tracks, build props, make costumes, develop makeup application techniques, and scene painting. **STUDENTS WILL BE REQUIRED TO WORK BACKSTAGE FOR THE SHOWS!**

Stage Craft 3—H1713

Grade Level: 11-12

No. Semesters: 2

Fee: None

Credit: 1 Practical Art

Prerequisites: Successful completion of Stage 2

Students will acquire hands-on experience as they work with a wide variety of tools and techniques commonly used in the creation of theatrical productions. This class is designed to build the sets used for theatrical production, design lighting, create sound tracks, build props, make costumes, develop makeup application techniques, and scene painting. **STUDENTS WILL BE REQUIRED TO WORK BACKSTAGE FOR THE SHOWS!**

Stage Craft 4—H1714

Grade Level: 12 No. Semesters: 2
Fee: None Credit: 1 Practical Art
Prerequisites: Successful completion of Stage 3

Students will acquire hands-on experience as they work with a wide variety of tools and techniques commonly used in the creation of theatrical productions. This class is designed to build the sets used for theatrical production, design lighting, create sound tracks, build props, make costumes, develop makeup application techniques, and scene painting. **STUDENTS WILL BE REQUIRED TO WORK BACKSTAGE FOR THE SHOWS!**

Playwriting—H1733

Grade Level: 9-12 No. Semesters: 1
Fee: None Credit: .5 Elective
Prerequisites: None

Putting the I in PlaywrItE. The end goal/final project of this class is to write a one act for the Acting class to perform at OES and GES. Along the way, you will learn various elements of playwriting, as well as monologues and plot development.

Acting—H1732

Grade Level: 9-12 No. Semesters: 2
Fee: None Credit: 1 Elective
Prerequisites: None

Afraid of the stage? Fear not! Acting eases you into the process with nine weeks devoted solely to learning stage directions, character development, and scene creation that you and your various groups come up with. Second semester consists of stage combat, auditioning, performing a student-written production in front of elementary students, and puppetry.

Directing—H1734

Grade Level: 9-12 No. Semesters: 1
Fee: None Credit: .5 Elective
Prerequisites: None

The goal of directing is to learn the fundamentals of directing, blocking techniques, deciphering what the director's "vision" means, and directing several partner/group scenes, as well as possibly accompanying the acting class to OES and GES for their performances.

FOREIGN LANGUAGE

SPANISH ☆ GERMAN ☆ SPANISH ☆ GERMAN ☆ SPANISH

Spanish I—H1017

Grade Level: 9-12 No. Semesters: 2
Fee: None Credits: 1 Elective
Prerequisites: B Average in English coursework

This course is an introduction to the language and culture of the Hispanic world. The primary aim of the course is the gradual development of the four language skills -- listening, speaking, reading and writing. To develop these skills the student must acquire a basic vocabulary and command of grammatical structures through imitation, repetition, memorization and practice.

Spanish II—H1018

Grade Level: 10-12 No. Semesters: 2
Fee: None Credits: 1 Elective
Prerequisites: Successful completion of Spanish I

A continuation of Spanish I, this course provides further exposure to the Spanish language and culture. Communication skills are emphasized. Highly recommended for college bound students.

MATHEMATICS

MATH ☆ MATH ☆ MATH ☆ MATH ☆ MATH

Algebra I A—H1050

Grade Level: 9 **No. Semesters: 2**

Fee: None **Credit: 1 Math**

Prerequisites: Math Placement Score and or Math Dept. recommendation

Algebra I A is designed as a first course that encourages students to explore mathematical concepts through cooperative learning, the use of manipulatives, and various problem-solving skills and strategies. Topics covered in the first semester include: applications of whole number, decimal, and fraction usage, methods of collecting, displaying, and analyzing data, and real-world uses of integer operations, measurement, and logical thinking skills. The second semester focuses on: solution methods of algebraic equations and inequalities, problem-solving strategies dealing with ratio, proportion, probability, and percent. **This fulfills one math requirement for graduation.**

Algebra I B—H1051

Grade Level: 9-10 **No. Semesters: 2**

Fee: None **Credit: 1 Math**

Prerequisites: Successful completion of Alg. 1 A; or teacher recommendation

Algebra I B is designed as a second course that encourages students to explore mathematical concepts through cooperative learning, the use of manipulatives, and various problem-solving skills and strategies. Topics covered in the first semester include: structural components and operational systems within the rational number system, interpretation of systematically organized data, and the real-world applications of geometric postulates and formulas. The second semester focuses on: algebraic polynomial operations, linear functions, systems of equations and inequalities, the concepts of slope, proportionality, and variation, real-world uses of probability and logical reasoning. **This fulfills one math requirement for graduation.**

Algebra I—H1062

Grade Level: 9-10 **No. Semesters: 2**

Fee: None **Credit: 1 Math**

Prerequisites: Math Placement Score

Algebra I is designed as a first course in an integrated, advanced conceptual approach to the study of higher-level mathematics. Topics covered in the first semester include: variable expression simplification, linear equation and inequality solutions and their graphs, formula usage and evaluation, and function notation and graphing concepts. The second semester focuses on exponential, polynomial operations, quadratic equations, data analysis and organization, and problem solving. **This fulfills one math requirement for graduation.**

Geometry—H1052

Grade Level: 10-11

No. Semesters: 2

Fee: None

Credit: 1 Math

Prerequisites: Successful completion of Alg. 1 or Alg. 1 B

Geometry is designed as a second course in an integrated advanced conceptual approach to the study of higher-level mathematics. Topics covered in the first semester include: geometric structures, reasoning and proof, parallel and perpendicular lines, and congruent triangles. The second semester focuses on triangle relationships, properties of polygons, proportions and similarity, right triangle relationships, linear systems of equations and transformations. **This fulfills one math requirement for graduation.**

MATHEMATICS

MATH ☆ MATH ☆ MATH ☆ MATH ☆ MATH

Honors Algebra/Geometry

Grade Level: 9-10 No. Semesters: 2

Fee: None Credit: 1 Math

Prerequisites: Teacher recommendation based on 8th grade performance

Honors Algebra/Geometry is a course designed as an integrated approach to both Algebra I and Geometry. Topics includes: points, lines and planes, linear equations and inequalities, properties of triangles, polygon relationships, functions, quadratics, probability and transformations. **This fulfills one math requirement for graduation.**

Algebra II—H1053

Grade Level: 10-11 No. Semesters: 2

Fee: None Credit: 1 Math

Prerequisites: Successful completion of Geometry or Honor Alg./Geometry

Algebra 2 is designed as a third course in an integrated, advanced conceptual approach to the study of higher-level mathematics. Topics covered in the first semester include: modeling problem situations, exploring and applying functions. The second semester focuses on sequences and series, modeling and analyzing data, applying probability models, angles, trigonometry, and exponential logarithmic functions. **This fulfills one math requirement for graduation.**

College Algebra—H1057 (Dual Credit)

Grade Level: 11-12 No. Semesters: 2

Fee: None Credit: 1 Math

Prerequisites: Successful completion of Alg. II

College Algebra is designed to meet the needs of the student wishing to satisfy the general education math requirement or planning to enroll in additional mathematics courses. Topics covered include: functions, domain, range, complex rational numbers, logs and exponents, polynomials, rational expressions, radicals, solving equations and inequalities, graphing equations and inequalities. **This fulfills one math requirement for graduation.**

*3 College Credit hours can be earned with this course.

College Alg./Trigonometry—H1063 (Dual Cr)

Grade Level: 11-12 No. Semesters: 2

Fee: None Credit: 1 Math

Prerequisites: Successful completion of Alg. II or teacher recommendation

College Alg./Trig is designed as an advanced math course concentrating primarily on the concepts of trigonometry and math analysis. Trigonometric equations and identities, functions and their inverses, and angle measures will be introduced and examined. Real-world applications of trigonometry, as well as selections on sequences and series, complex numbers, higher degree equations, and curve sketching will be included. **This fulfills one math requirement for graduation.**

*3 College Credit hours can be earned with this course.

Calculus—H1059 (Dual Credit)

Grade Level: 12 No. Semesters: 2

Fee: None Credit: 1 Math

Prerequisites: Successful completion of College Alg./Trigonometry; Teacher recommendation

Calculus is designed as a preparatory course that will not only advance the degree level of analysis of the calculus, but will extend the field of study to an application approach as well. This course will cover and expand subject material on the following: functions, graphing techniques, limits and their properties, the derivative and its applications, exponential and logarithmic functions, trigonometric functions, and definite and indefinite integrals and their applications. **This fulfills one math requirement for graduation.**

*5 College Credit hours can be earned with this course.

MATHEMATICS

MATH ☆ MATH ☆ MATH ☆ MATH ☆ MATH

Math Analysis and Statistics—H1064

Grade Level: 12 **No. Semesters: 2**

Fee: None **Credit: 1 Math**

Prerequisites: Successful completion of College Alg or College Alg/Trig

Math Analysis and Statistics is designed to provide a basic understanding of descriptive and inferential statistics. This course would be suited for individuals looking to pursue business in college. Topics include the measures of central tendency, standard deviation, normal curves, statistical graphics, combinations and permutations, probability, sampling, and various distribution.

This fulfills one math requirement for graduation.

Life Skills Math—H1621 (Repeatable)

Grade Level: 9-12 **No. Semesters: 2**

Fee: None **Credit: 1 Math**

Prerequisites: Student must have an IEP

Students develop everyday living skills through cross-curriculum activities involving but not limited to: job applications, mock interviews, cooking, sewing survival needs, functional language arts, vocabulary expansion, and math.

Embedded RTI Math

Grade Level: 11-12 **No. Semesters: 4**

Fee: None **Credit: 1 Math**

Prerequisites: Must be enrolled in RTI/RTC

Certain programs at RTI/RTC have embedded Math within the program. This will ensure that a student will fulfill their third Math requirement by the time they complete their RTI program.

Math Concepts—H1601

Grade Level: 9-12 **No. Semesters: 2**

Fee: None **Credit: 1 Math**

Prerequisites:

This fulfills one math requirement for graduation.

SCIENCE

SCIENCE ☆ SCIENCE ☆ SCIENCE ☆ SCIENCE ☆ SCIENCE

Physical Science—H1100

Grade Level: 9 **No. Semesters: 2**

Fee: None **Credit: 1 Science**

Prerequisites: None

Students will have the opportunity to gain experience with laboratory techniques and equipment as they study the following areas in this introduction to chemistry and physics: forces and motion, energy and work, structure of matter, chemistry of matter, wave motion, nuclear energy and electricity. **Required for graduation.**

Biology II—H1102

Grade Level: 11-12 **No. Semesters: 2**

Fee: None **Credit: 1 Science**

Prerequisites: Successful completion of Biology

This year long course presents basic concepts of plant and animal biology. Focus will be on the structure, function, and evolution of all major Kingdoms. Through dissection of preserved specimens, students study the comparative anatomy of all major animal classes. Students will discuss current ideas in agriculture, horticulture, medicine, biotechnology, ecology, conservation, and environmental issues. **This fulfills the requirement for the third year of Science.**

Anatomy/Physiology—H1106 (Dual Credit)

Grade Level: 12 **No. Semesters: 2**

Fee: None **Credit: 1 Science**

Prerequisites: C or better in Biology or Chemistry

Anatomy and Physiology is offered as a dual credit course. All body systems are studied with emphasis on e-learning, dissection labs, and other class activities. The goal is to prepare students for next level coursework in health fields as well as enhance personal understanding of body functions. **This fulfills the requirement for the third year of Science.**

Biology—H1101

Grade Level: 10

No. Semesters: 2

Fee: None

Credit: 1 Science

Prerequisites: None

Biology I is an introduction to the basic principles and relationships that govern all life forms. Major themes studied are; cell structure and function, inheritance of traits, change of traits in organisms over time, and ecological principles relating organisms to each other and their environment. Much effort is placed on providing modern technological techniques in investigative procedures in the study of these units with practical application of the concepts center to the course planning. **Required for graduation.**

Advanced Biology—H1112 (Dual Credit)

Grade Level: 11-12

No. Semesters: 2

Fee: None

Credit: 1 Science

*Prerequisites: Teacher permission only
B or better in Physical Science and Biology I*

This is an introductory but comprehensive course involving fundamental biological principles taught at the college level. This course, if taken for dual credit, satisfies the requirements of many schools for general life science class with lab making it transferable. It is a pre-requisite for programs in the health field in some college programs. The course is preparatory for subsequent course work in the life sciences for careers in the health field. Topics of the class include energy acquisition, continuity of life, evolution and diversity of life, living environment, animal and plant life processes including some human body systems. The laboratory portion of this course will reinforce topics covered in lecture as well as presenting some anatomy. In lab, the emphasis is placed on scientific method, data collection and reporting, problem solving and critical thinking. **This fulfills the requirement for the third year of Science.**

Physics—H1107

Grade Level: 12 No. Semesters: 2

Fee: None Credit: 1 Science

Prerequisites: College Alg/Trig Recommended

Physics is a course designed for students that enjoy challenges both in and out of the classroom. The background knowledge of upper-level science and mathematics will be put to the test in various ways, including course work in class, projects and labs while using practical applications. Mechanics, Electronics, Newton's Laws and two-dimensional motion are just some of the areas covered extensively in this course. Students work on major building projects and are expected to describe how they work and their functions using knowledge gained from this course.

This fulfills the requirement for the third year of Science.

Chemistry—H1104 (Dual Credit)

Grade Level: 11-12 No. Semesters: 2

Fee: None Credit: 1 Science

Prerequisites: Biology and Geometry

This course will present fundamental principles of chemical bonding, covalent and ionic structures, chemical periodicity, energy, and mass relationships in chemical reactions. The lab will be used when applicable to emphasize concepts and real life applications. Abstract thinking, mathematical equations and some memorization will be required. This course is designed for college-bound students, particularly those interested in careers in engineering, medicine and sciences. A scientific calculator is recommended.

This fulfills the requirement for the third year of Science.

Earth Science—H1111

Grade Level: 11-12 No. Semesters: 2

Fee: None Credit: 1 Science

Prerequisites: None

This course will cover the areas of Geology, Astronomy, and Meteorology. Tectonic plate movement, rocks and minerals, natural disasters, outer space, and weather phenomenon are just a few of the topics covered in this class. Students will gain experience in identification of rocks and minerals by sample kits, and studying them in the field. We will also cover the field of natural disasters such as tornadoes, hurricanes, and earthquakes. Our textbook offers the chance to better understand all these topics, but the use of other materials, including videos and documentaries will be used as a supplement. **This fulfills the requirement for the third year of Science.**

Chemistry II—H1105

Grade Level: 12 No. Semesters: 2

Fee: None Credit: 1 Science

Prerequisites: C or better in Chemistry

This course is designed for advanced students who are going into the fields of engineering, medicine or science research. We will be studying gas laws, oxidation-reduction reactions, reaction energy, kinetics, and electrochemistry in depth. The lab will be used extensively with emphasis on safety, accuracy, lab reports and identifying unknown reagents. Labs and projects that encourage critical thinking are emphasized to prepare students for a college level Chemistry course. A scientific calculator is recommended.

This fulfills the requirement for the third year of Science.

SCIENCE

SCIENCE ☆ SCIENCE ☆ SCIENCE ☆ SCIENCE ☆ SCIENCE

Material Science—H1113

Grade Level: 9-12

No. Semesters: 2

Fee: None

Credit: 1 Science

Prerequisites: None

We live in a material world but many do not understand the materials that make up our world. In this year-long inquiry based course, students will explore what is material science. The materials covered will include metals, polymers and ceramics. Students will perform a variety of laboratory experiences that give the opportunity to see how each class of material acts to understand why these materials are used in some applications and not in others. There is no opportunity to melt, bend and break things to see what extremes we can push the material to. In each lab experience, students will be asked to describe what they see and measure.

This fulfills the requirement for the third year of Science.

Life Skills Science—H1622 (Repeatable)

Grade Level: 9-12

No. Semesters: 2

Fee: None

Credit: 1 Science

Prerequisites: Student must have an IEP

Students develop everyday living skills through cross-curriculum activities involving but not limited to: job applications, mock interviews, cooking, sewing survival needs, functional language arts, vocabulary expansion, and math.

This fulfills the requirement for 1 credit of Science.

Earth Science Concepts—H1626

Grade Level: 10-11

No. Semesters: 4

Fee: None

Credit: 1 Science

Prerequisites: Student must have an IEP

This course includes the study of geology, oceanography, meteorology, and astronomy. An emphasis on the relationship of these features of earth to living things, in particular the social and economic concerns of man.

This fulfills the requirement for 1 credit of Science.

Biology Concepts—H1627

Grade Level: 10-11

No. Semesters: 4

Fee: None

Credit: 1 Science

Prerequisites: Student must have an IEP

Biology is the study of life. It includes an introduction to the scientific method, cytology, genetics, botany, zoology, ecology, taxonomy, evolution, chemistry, and microbiology.

This fulfills the requirement for 1 credit of Science.

Embedded RTI Science—H1120

Grade Level: 11-12

No. Semesters: 4

Fee: None

Credit: 1 Science

Prerequisites: Must be enrolled in RTI/RTC

Certain programs at RTI/RTC have embedded Science within the program. This will ensure that a student will fulfill their third Science requirement by the time they complete their RTI program.

This fulfills the requirement for 1 credit of Science.

SOCIAL STUDIES

HISTORY ☆ HISTORY ☆ HISTORY ☆ HISTORY ☆ HISTORY

American History—H1152

Grade Level: 9 **No. Semesters: 2**
Fee: None **Credit: 1 Social Studies**
Prerequisites: None

This is a survey course of American history from colonization to the present. Course emphasis will be placed on the interrelationship between past and present and the major events in United States history: American Revolution, Civil War, the Great Depression, World War II and current events. This course meets requirements set forth under section 170.011, RSMo that requires one full unit in the study of American history.

Required for graduation.

World History—H1151

Grade Level: 10 **No. Semesters: 2**
Fee: None **Credit: 1 Social Studies**
Prerequisites: None

This course will inform students about the origin and development of the world's major civilizations from prehistoric times to the present. World History introduces students to places and societies different from their own in an attempt to instill a sense of humanity, understanding and acceptance of other cultures. **Required for graduation.**

Civics—H1150

Grade Level: 11 **No. Semesters: 2**
Fee: None **Credit: 1 Social Studies**
Prerequisites: None

This course is designed to address areas of Social Studies related to world political geography and basic economic principles with an emphasis on American Government. Successful completion of this course fulfills section 170.011, RSMo of the state law requiring instruction in the institutions, branches and functions of federal, state and local government and satisfactory passage of test(s) on the US and Missouri constitutions. **Required for graduation.**

Adv. American History—H1157 (Dual Credit)

Grade Level: 11-12 **No. Semesters: 2**
Fee: None **Credit: 1 Social Studies**
Prerequisites: GPA of 3.0 or higher

This course will cover US history from the period of the first European explorations of the Americas to the present. Special emphasis is given to using historical evidence, critical thinking and writing skills. Political institutions and behavior, public policy, social and economic change, diplomacy, international relations, cultural and intellectual developments will be among the topics explored. This will be taught as a 2 semester, introductory college level course, with comparable demands. Two to four major written projects using historical evidence will be required. Students may also earn six hours of college credit through Drury University. **This will fulfill the American History graduation requirement.**

SOCIAL STUDIES

HISTORY ☆ HISTORY ☆ HISTORY ☆ HISTORY ☆ HISTORY

Psychology—H1153

Grade Level: 11-12 No. Semesters: 1

Fee: None Credit: .5 Social Studies

Prerequisites: C Average

Psychology provides an introduction to the science of human behavior. It traces the development of psychology as a science and examines the various schools of thought and approaches used to explain or understand the forces that shape thoughts and actions. Topics include: altered states of consciousness (dreams, drugs, etc.), sensation and perception, learning, memory, problem solving, forensic psychology, and psychological disorders. Some subject matter is mature in content.

Government and Politics in the US—H1166 (Dual Credit)

Grade Level: 11-12 No. Semesters: 2

Fee: None Credit: 1 Social Studies

Prerequisites: Writing score of 4 or higher on the placement test

Introduction to the theories, constitutional bases, functions and government structures of the U.S. political system in relation to the global political environment. Emphasis will be on national politics and linkages with state, local and international government, including an emphasis on Missouri and current issues in domestic and foreign policy.

Military History—H1172

Grade Level: 9-12 No. Semesters: 1

Fee: None Credit: .5 Social Studies

Prerequisites: None

I WANT YOU FOR THIS CLASS! JOIN TODAY! If you are interested in learning more about the military and modern conflicts, this class is for you. Take in depth look at 20th Century conflicts beginning with World War I thru the ongoing War on Terror. Includes the evolution and advancement of strategies, tactics, military technology, and soldiers from around the world.

Sociology—H1154

Grade Level: 11-12 No. Semesters: 1

Fee: None Credit: .5 Social Studies

Prerequisites: C Average

Sociology is the study of human behavior and social structure. It traces the development of sociology as a science and examines various schools of thought. Topics include: culture, socialization, deviance, groups, inequalities of race and ethnicity, family, sports, social change and collective behavior.

Historical Disasters—H1179

Grade Level: 10-12 No. Semesters: 1

Fee: None Credit: .5 Social Studies

Prerequisites: None

A survey of both natural and man-made disasters and travesties that brought people to the brink. Topics include: Sinister purges, unrelenting natural disasters, colossal wrecks, devastating epidemics and famines, nuclear meltdowns, and even...cannibalism!

History and Hollywood—H1180

Grade Level: 10-12 No. Semesters: 1

Fee: None Credit: .5 Social Studies

Prerequisites: None

Lights, Camera, Action! Grab your favorite snacks and refreshments and be prepared to see history from a new angle. In this class you will study Hollywood's interpretation of historical events through movies, television, and documentaries. See what they got right or wrong in the movies from ancient Rome, the World Wars and to today.

SOCIAL STUDIES

HISTORY ☆ HISTORY ☆ HISTORY ☆ HISTORY ☆ HISTORY

Abnormal Psychology—H1177

Grade Level: 10-12 No. Semesters: 1

Fee: None Credit: .5 Social Studies

Prerequisites: Successful completion of Civics/Adv. Civics or concurrently taking Civics/Adv. Civics

The study of abnormal psychology will provide students a deeper understanding of theoretical explanations of deviant behaviors associated with individuals who commits serial crimes. Students will research serial killers using scientific method to analyze the evidence, interpret the data, and to draw conclusions throughout the course. Evidence will be accessed by an on-line research of public, news, and social media databases as well as other published articles. There are three main areas of concentration in investigating serial killers in this course: the psychology of those who commit serial murders; the difficulty in investigating serial killers “connecting the dots”; and selecting their victims, how does the serial killer choose who to kill. Criminalist is the application of science to those criminal and civil laws that are enforced by police agencies in a criminal justice system. Criminology is the scientific study of the nature, extent, management, causes, control and outcomes of those who commit criminal acts. Writing assignments such as essays, reports, research papers, discussions or other writing assignments are to be expected. Student must follow APA or MLA writing format style.

Criminal (Street) Law—H1176

Grade Level: 10-12 No. Semesters: 1

Fee: None Credit: .5 Social Studies

Prerequisites: Successful completion of Civics/Adv. Civics or concurrently taking Civics/Adv. Civics

The course covers the fundamental principles of substantive criminal law. It will examine the basic elements of crimes, including actus reus and mens rea; some general doctrines of criminal liability, such as complicity, causation, attempt, and conspiracy; an example of substantive crime grading (homicide); and defenses to crimes. It will include the general principles of constitutional and statutory factors as they pertain to criminal liability, defenses to criminal charges and sentences. The course will cover common law formulations, a variety of state and federal statutory codifications (with particular attention to Missouri law). and the Model Penal Code.

Terrorism and Extremism –H1178

Grade Level: 10-12 No. Semesters: 1

Fee: None Credit: .5 Social Studies

An exploration into the minds and motives behind terrorism and terrorists and how the countries and the world respond to these vile acts. Special topics include: Anarchists, The Unabomber, 9/11, The Munich Olympics, the Oklahoma City Bombing, the Olympic park bombing, and many others.

Social Studies Concepts—H1603

Grade Level: 9-12 No. Semesters: 2

Fee: None Credit: 1 Social Studies

Prerequisites: Student must have an IEP

Students in Social Studies Concepts study the ideas, issues and events from the Early Humans up to the World Today.

Life Skills-Social Studies—H1623

Grade Level: 9-12 No. Semesters: 2

Fee: None Credit: 1 Social Studies

Prerequisites: Student must have an IEP

Students develop everyday living skills through cross-curriculum activities involving but not limited to: job applications, mock interviews, cooking, sewing survival needs, functional language arts, vocabulary expansion, and math.

PHYSICAL EDUCATION

PE



PE



PE



PE



PE

Co-Ed Physical Education—H1200

Grade Level: 9 **No. Semesters: 1**

Fee: None **Credit: .5 PE**

Prerequisites: None

Physical education is a basic course in the fundamentals of physical activity. It presents an introduction of various sports and games that stress physical fitness, ability, speed, sportsmanship, and teamwork. The student will participate in a number of varied activities designed to promote lifelong physical activity. The student's grade will be based on participation, attitude, skill level, written tests and physical fitness. This is an activity class and all students taking it will be required to participate to successfully complete the course.

Required for graduation.

Lifetime Fitness—H1202 (Repeatable)

Grade Level: 10-12 **No. Semesters: 2**

Fee: \$3 **Credit: 1 PE**

Prerequisites: None

This course covers a variety of lifetime activities including tennis, softball, horseshoes/washers, team handball, bowling, hunting, badminton and table tennis. Physical fitness testing and a variety of fitness activities and games may be included at the teacher's discretion. This class allows students the opportunity to develop their skill level, as well as apply learned skills, knowledge, and strategies within the context of the class activities. The class will include field trip experiences in some of the activities.

Weight Training—H1201 (Repeatable)

Grade Level: 10-12 **No. Semesters: 2**

Fee: None **Credit: 1 PE**

Prerequisites: None

The class is structured to emphasize muscular strength development. Students are provided principles and practice techniques for a beginning strength program. Progression concepts are taught and practiced as students develop and work at their individual performance levels. Knowledge of general anatomy and its application in this area is also included.

Aerobics—1211 (Repeatable)

Grade Level: 10-12 **No. Semesters: 2**

Fee: None **Credit: 1 PE**

Prerequisites: Co-Ed Physical Education

This class is designed to offer high school students a wide variety of cardiovascular fitness activities in order to enhance physical wellness. Activities include (but are not limited to): Step aerobics, High/low impact, Yoga, Zumba, Kickboxing, Insanity, Cardio, and Rope jumping. This program also offers a variety of strength training activities that include: Circuit training, Body sculpting, Pilates and core work, and resistance/weight training. Bringing your own bike helmet is optional.

Health Concepts—H1635

Grade Level: 9 **No. Semesters: 1**

Fee: None **Credit: .5 Health**

Prerequisites: Student must have an IEP.

This class offers a curriculum in basic health. Its main objective is to teach and reinforce good health practices that will carry-over throughout the student's life. The class covers the areas of mental, physical and social health and the overall health of the individuals. **Required for graduation.**

PHYSICAL EDUCATION

PE



PE



PE



PE



PE

Health—H1203

Grade Level: 9 No. Semesters: 1

Fee: \$3 Bowling Credit: .5 Health

Prerequisites: None

This course covers a variety of lifetime activities including invasion games (football, basketball, hockey, tag games), striking & fielding games (softball, wiffleball, etc), net/wall games (volleyball, tennis, pickleball, h-ball, eclipse ball), target games (horseshoes/washers, archery, bowling) and individual sports (track & field) . Physical fitness testing and a variety of fitness activities and games may be included at the teacher's discretion. This class allows students the opportunity to develop their skill level, as well as apply learned skills, knowledge, and strategies within the context of the class activities. The class will include field trip experiences in some of the activities.

Adaptive PE—H1616

Grade Level: 9 No. Semesters: 2

Fee: None Credit: 1 PE

Prerequisites: Student must have an IEP

This course is designed to modify the General Physical Education class for the individual student. Modifications are made according to the students' physical, emotional, mental or social limitations. Included within the curriculum, but not limited to, are cardiovascular endurance, muscular and abdominal strength, along with modified fitness activities.

FINE ARTS

MUSIC ☆ MUSIC ☆ MUSIC ☆ MUSIC ☆ MUSIC

Band—H1250 (Repeatable)

Grade Level: 9-12 **No. Semesters: 2**

Fee: None **Credit: 1 Fine Art**

Prerequisites: Must currently be in the band program

The varsity band is primarily concerned with performance; however, the daily practice schedule includes drills on basic fundamentals, improvement of tone, technique, style and interpretation. Activities and practice sessions are scheduled throughout the entire calendar year. During the summer there will be practice sessions weekly and several parades. Football marching practice starts in mid-July and continues until football season ends, with performances at home games and Saturday competitions. Concert band activities are scheduled throughout the remainder of the school year. This is a full course of study. New students must pass an audition to become a member of this band.

Jazz Band—H1252 (Repeatable)

Grade Level: 9-12 **No. Semesters: 1**

Fee: None **Credit: .5 Fine Art**

Prerequisites: Audition Required, concurrent Enrollment in Band and Teacher permission. (meets during “o” hour)

This class is the study of a form of American music marked by improvisation, propulsive rhythms, and polyphonic ensemble playing. This ensemble performs for the local community and competes in limited jazz contests.

Reel Music—H1254

Grade Level: 9-12 **No. Semesters: 2**

Fee: None **Credit: 1 Fine Art**

Prerequisites: None

Reel music is a course that will explore the music of the movies. Terminology from film creating, and story writing will be used to understand the music of the movies. Students will experience movies from the beginning of “talking” films to current issued films.

Color Guard—H1251 (Repeatable)

Grade Level: 9-12 **No. Semesters: 1**

Fee: None **Credit: .5 Elective**

Prerequisites: Audition required

This organization is open to all students in grades 9-12 by audition only. The Color Guard performs with the Marching Band at all Band related activities during the summer and fall semester. As of fiscal year 1990-91, incoming students who are performance Band members, will be eligible for placement in the Color Guard unit. Second semester, students will be expected to continue their instrumental performance skills.

American Pop Music—H1253

Grade Level: 9-12 **No. Semesters: 2**

Fee: None **Credit: 1 Fine Art**

Prerequisites: None

Open to all interested students, this course offers a panoramic view of the history of American popular music from the mid 1800s to the present. Upon completion of this course, the student will be able to identify and discuss each of the following aspects of American popular music: specific styles and style periods, pivotal compositions and composers, ethnic traditions which have been major contributors in the development and evolution of popular music, song forms and their contribution to style period development, influences on American history, and historical influences on popular music.

FINE ARTS

MUSIC



MUSIC



MUSIC



MUSIC



MUSIC

Chorus—H1263 (Repeatable)

Grade Level: **No. Semesters: 2**

Fee: None **Credit: 1 Fine Art**

Prerequisites: None

Bel Canto is a vocal ensemble designed to introduce singers to choral ensembles at the high school level. A wide variety of vocal techniques will be presented and utilized. Culminating performances are a meaningful and mandatory component of this class. This class is intended for Freshmen at OHS.

Concert Choir—H1256 (Repeatable)

Grade Level: 10-12 **No. Semesters: 2**

Fee: None **Credit: 1 Fine Art**

Prerequisites: Audition required

Students will sing selected choral literature from periods of music and current literature. Vocal selections will be scored for two and four part music. Attendance at performances is mandatory and is a part of the grade. Music fundamentals will be an important focus.

Troubadours—H1257 (Repeatable)

Grade Level: 9-12 **No. Semesters: 2**

Fee: None **Credit: 1 Fine Art**

Prerequisites: Audition required

Students will sing styles of choral music in several languages. Vocal selections will be in multiple parts. This is a performance-based class. Attendance at performances is mandatory and is part of the grade. Basic music fundamentals will be an important focus. This is a full year course.

Piano Lab—H1261

Grade Level: 9-12 **No Semesters: 1**

Fee: None **Credit: .5 Fine A**

Prerequisites: None

Class piano is designed to teach the concepts and fundamentals needed to perform on the piano. It will increase musical understanding beyond just reading notes by teaching students a vocabulary of chords and keys, accompaniment patterns, and improvisational techniques. Students will play melodies in several positions and have the opportunity to participate in ensemble playing. Students will develop good practice habits and learn techniques in increase the muscular agility and flexibility of their hands. We will delve into music at its source, find out how music is constructed, and discover composers and history behind the music.

FINE ARTS

ART



ART



ART



ART



ART

Art I

Grade Level: 9-11

No. Semesters: 2

Fee: None

Credit: 1 Fine Art

Prerequisites: Freshmen, sophomore or junior standing

This is an introductory course in the Elements of Art, Art History, and Art Appreciation. Students will explore basic art production techniques including design, drawing, painting, ceramics, and sculpture. This class will rely heavily on projects and activities.

Sculpture—H1299

Grade Level: 10-12

No. Semesters: 1

Fee: None

Credit: .5 Fine Art

Prerequisites: Completion of both Art I with a B or higher and approval of instructor

This course will explore the components of sculptural building techniques. This includes relief sculpture and three-dimensional sculpture. Students will primarily work with cardboard, paper, and Paper Mache.

Art II

Grade Level: 10-12

No. Semesters: 2

Fee: None

Credit: 1 Fine Art

Prerequisites: Completion of Art I with a B or higher

This visual course is a continuation of advanced concepts learned in Art 1. Focus will be on the practice and enhancement of skills and knowledge in relation to the Principles of Design. Students will participate in a variety of art production techniques including drawing, painting, mixed media, and printmaking. Sketchbook required.

Ceramics—H1289

Grade Level: 10-12

No. Semesters: 1

Fee: None

Credit: 1 Fine Art

Prerequisites: Completion of both Art I with a B or higher and approval of instructor

This course will focus on production of the three basic types of clay Hand Construction: Pinch, Coil, and Slab. Works will also be prepared for display using glazes, decoration methods, and other materials.

Senior Portfolio—H1292

Grade Level: 11-12

No. Semesters: 2

Fee: Sketchbook Required

Credit: 1 Fine Art

Prerequisites: Teacher permission

This course is designed for the student who has a serious interest in the visual arts as a career. Visual arts projects at this level will include advanced techniques. Students taking this course will be encouraged to work independently on projects that require prolonged effort and considerable skill. Emphasis will be on producing portfolio quality work. Sketchbook required.

Drawing—H1286

Grade Level: 10-12

No. Semesters: 1

Credit: .5 Fine Art

Prerequisites: Art I

This visual course focuses on the development of observational skills and drawing techniques. Students will work with a wide range of drawing media including graphite, colored pencils, and pastels. Projects from this class will be submitted in art shows. Sketchbook required.

FINE ARTS

ART



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Painting—H1287

Grade Level: 10-12 No. Semesters: 1

Credit: .5 Fine Ar

Prerequisites: Art I

This visual course will explore a variety of painting techniques, media, and historical approaches to art. Focus will be on mastering the use of Watercolor and Acrylic paint. Projects from this class will be submitted in art shows. Sketchbook required.

PRACTICAL ARTS AND VOCATIONAL EDUCATION

BUSINESS



BUSINESS



BUSINESS



BUSINESS



BUSINESS

Digital Essentials I—H1308

Grade Level: 9-12 No. Semesters: 1

Fee: None Credit: .5 Practical Art

Prerequisites: None

Highly recommended for all freshmen!

Learn the essential computer formatting skills required by teachers here at OHS! This business course will begin with a keyboarding review to be certain all students are keying by touch at a speed of AT LEAST 30 words per minute. Students will complete projects in file management, proofreading, online classrooms, Google docs and Google calendar. The course content will move quickly into correct formatting of documents using Microsoft Word and Excel; including tables, business letters, MLA reports, spreadsheets with charts and more!

Digital Essentials II—H1309

Grade Level: 9-12 No. Semesters: 1

Fee: None Credit: .5 Practical Art

Prerequisites: Successful completion of Digital Essentials I(Grade of C or above)

Highly recommended for all freshmen!

Turn your computer and keyboarding knowledge into a usable skill! During the second semester of this course, students will go beyond the basics and expand their skills with the most popular business software suite—Microsoft Office...Word, Excel, PowerPoint and Access. Students will move quickly and complete units on on-screen presentations, web page basics, desktop publishing, and the basics of web pages, data processing, multimedia and more!

PRACTICAL ARTS AND VOCATIONAL EDUCATION

BUSINESS ☆ BUSINESS ☆ BUSINESS ☆ BUSINESS ☆ BUSINESS

Accounting I—H1303

Grade Level: 10-12 No. Semesters: 2

Fee: Optional/amount set by ECC for optional Dual Tech Credit

Credit: 1 Practical Art

Prerequisites: Successful completion of Digital Essentials I and II

This course is designed to introduce high school students to the field of accounting. Students will learn what business transactions are and how accountants use a double-entry system (debits and credits) to keep track of these transactions. Students will work through the financial accounting cycle and payroll for a sole proprietorship. Career opportunities will be explored to see what the future holds for the accounting profession. This course is highly recommended for anyone planning a business career or wishing to own their own business.

Accounting II—H 1310

Grade Level: 10-12 No. Semesters: 2

Fee: None Credit: 1 Practical Art

Prerequisites: Successful completion of Accounting I and teacher approval if “taken with a class”

This course expands on the knowledge obtained from Accounting I. Accounting II is for those who wish to further their mastery of corporate accounting, cost accounting, managerial accounting, departmental accounting, taxation, etc. Accounting II is especially designed for those with a strong interest in accounting as a career possibility, business management, business ownership, etc.

Personal Finance—H1304

Grade Level: 11-12 No. Semesters: 1

Fee: None Credit: .5 Personal Fin

Prerequisites: None

Where did all my money go? Understanding and managing personal finances are key to one's future financial success. This required, one-semester course is full of information and skills that the student will utilize for the rest of their life! Students will be improving their capability to make informed financial decisions. This course will focus on career development, personal and family budgeting, cash management, taxes, credit management, major expenditures, insurance, banking services, investments and more. Students will have access to computers daily—a course text, interactive computer learning, simulations, etc. will be utilized. **Required for graduation.**

Personal Finance Concepts—H1627

Grade Level: 11-12 No. Semesters: 1

Fee: None Credit: .5 Personal Fin

Prerequisites: None

This course is designed to understand and manage personal finances. This required course is full of information and skills that the student will utilize for the rest of their life. Students will be improving their capability to make informed financial decisions. This course will focus on career development, personal and family budgeting, cash management, taxes, credit management, major expenditures, insurance, banking services, investments and more.

PRACTICAL ARTS AND VOCATIONAL EDUCATION

MARKETING ☆ MARKETING ☆ MARKETING ☆ MARKETING ☆ MARKETING

Advertising I—H1363

Grade Level: 10-12 No. Semesters: 1

Fee: None Credit: .5 Practical Art

Prerequisites: Digital Essentials recommended

This marketing course is an introduction to the principles of the Promotional Mix. Students will explore the world of sales, marketing, advertising and promotion while demonstrating graphic design and typography use.

Retail Merchandising—H1365

Grade Level: 10-12 No. Semesters: 1

Fee: None Credit: .5 Practical Art

Prerequisites: None

This course is an introduction to everyday retail fashion. The latest and greatest products at retailers such as American Eagle, Cabela's, Macy's and Dick's Sporting Goods will be explored to see how their products are marketed to teens and adults. Topics covered include types of retailers, product categories, store layouts, and some management skills. Students will complete projects over selecting merchandise for a store, store floor plan layout, designing catalogs, and coordinating management activities. In addition, students will get to design their own window display!

Advertising II—H1372

Grade Level: 10-12 No. Semesters: 1

Fee: None Credit: .5 Practical Art

Prerequisites: Successful completion of Advertising I

The second semester of this course will build on the design part of advertising, as well as explore digital tools and social media to communicate promotional messages. Students will create commercials for traditional media and video sharing sites, use mobile marketing (QR codes and apps), and Twitter.

Entrepreneurship and Small Business Management—H1364

Grade Level: 10-12 No. Semesters: 1

Fee: None Credit: .5 Practical Art

Prerequisites: None

This course will prepare students to form and operate a small business. Activities will be incorporated in entrepreneurship, human resources, team building, developing management plans, and monitoring the achievement of a small business. The basic principles apply to all types of businesses from a restaurant to manufacturing plants. Various forms of computer software and simulations will be used.

PRACTICAL ARTS AND VOCATIONAL EDUCATION

MARKETING ☆ MARKETING ☆ MARKETING ☆ MARKETING ☆ MARKETING

Sports and Entertainment Marketing—H1366

Grade Level: 10-12 No. Semesters: 2

Fee: Fee for College Credit

Credit: 1 Practical Art

Prerequisites: None

The business of sports and entertainment is one of the fastest growing fields in America. This class will take you on a step-by-step journey through the world of marketing. Learn about the key functions of marketing and how those functions are applied to sports and entertainment. Class activities include designing new sports products (including Homecoming T-Shirts), creating marketing plans for fantasy sports teams, and creating your own movie to market! **This course can be taken for 3 hours of college credit through East Central College for BU1013: Introduction to Marketing.**

Marketing Internship P.M.—H1368

Grade Level: 12 No. Semesters: 2

Fee: \$60 Credit: 1.5 Practical Art

Prerequisites: Concurrent Enrollment in a Marketing Class and Marketing Job

This is a once in a lifetime opportunity to learn while you earn. High schools and colleges across the country offer intern programs to students to actually give them the chance to experience the work firsthand. Students work in such places as banks, grocery stores, florist shops, department stores, manufacturing firms, and many other locations. Students can intern in the morning, afternoon or after school. **Students must be enrolled in and pass a marketing class to earn credit for Marketing Internship. This course includes an annual registration fee which may be paid by the student or can be waived by the teacher if the student meets the minimum requirement in sales for two DECA fundraisers.**

Marketing Internship A.M.—H1367

Grade Level: 12 No. Semesters: 2

Fee: \$60 Credit: 1.5 Practical Art

Prerequisites: Concurrent Enrollment in a Marketing Class and Marketing Job

This is a once in a lifetime opportunity to learn while you earn. High schools and colleges across the country offer intern programs to students to actually give them the chance to experience the work firsthand. Students work in such places as banks, grocery stores, florist shops, department stores, manufacturing firms, and many other locations. Students can intern in the morning, afternoon or after school. **Students must be enrolled in and pass a marketing class, as well as current DECA members to earn credit for Marketing Internship. This course includes an annual registration fee which may be paid by the student or can be waived by the teacher if the student meets the minimum requirement in sales for two DECA fundraisers.**

PRACTICAL ARTS AND VOCATIONAL EDUCATION



FAMILY & CONSUMER SCIENCES



FAMILY & CONSUMER SCIENCES



Child Development I—H1501

Grade Level: 9-12 **No. Semesters: 1**
Fee: None **Credit: .5 Practical Art**
Prerequisites: None

Parenting is for students of today who are planning for tomorrow. Students develop an awareness of the myths and realities of parenting. Topics include readiness to parent; developmental changes in families, balancing work and family; pregnancy, prenatal development, birth and the first year of life. Students will use the Real Care baby as a simulation of caring for an infant. All three major areas of parenting (caring for, nurturing, and guiding children) are explored. This class includes sex education following the Missouri comprehensive guidelines (including human reproduction and sexually transmitted infections).

Child Development II—H1502

Grade Level: 9-12 **No. Semesters: 1**
Fee: None **Credit: .5 Practical Art**
Prerequisites: Successful completion of Child Dev. I

This course emphasizes the relevance of studying children to aid self-understanding. It includes an overview of principles of human development from toddler through school-age, with a focus on the preschool years. Childcare observation and a student planned and run preschool represent the major portion of this class. Students will explore career opportunities working with children. This class would be beneficial to any student planning to pursue a career in education, child care, human services and health science professions.

Nutrition I—H1503

Grade Level: 9-12 **No. Semesters: 1**
Fee: None **Credit: .5 Practical Art**
Prerequisites: None

This is the first of two foods courses offered to increase knowledge of nutrition and food safety. Students will study the principles of nutrition; the relationship of nutrition to health and wellness; the selection, preparation and care of food; meal management to meet individual and family food needs; optimal use of the food dollar. In addition to the study of nutrition, students will receive training in food safety through ServSafe®. Students will be eligible and may elect to take the ServSafe® Food Protection Manager Certification Examination, (at the student's expense). Certifications have a five-year expiration date. Food safety training is a must for anyone working in the culinary world. Juniors and seniors completing training and passing the exam can receive articulated credit at East Central College's Culinary Arts Program as course HM 1011 Food Safety & Sanitation.

®ServeSafe is a registered trademark of the National Restaurant Association Education Foundation.

Nutrition II—H1504

Grade Level: 9-12 **No. Semesters: 1**
Fee: None **Credit: .5 Practical Art**
Prerequisites: Successful completion of Nutrition I

This course will provide advanced study in nutrition and wellness, including the relationship of diet to various health issues, an in-depth study of food preparation skills and demonstrate of these skills with the use and care of equipment. Students will also plan and design a kitchen.

PRACTICAL ARTS AND VOCATIONAL EDUCATION



FAMILY & CONSUMER SCIENCES



FAMILY & CONSUMER SCIENCES



Fundamentals of Education—H1509

Grade Level: 11-12 No. Semesters: 2

Fee: None Credit: 1 Practical Art

Prerequisites: None

This course is designed for student to gain basic knowledge in the area of teaching and training profession. This course will include studies in the area of communication, problem solving and critical thinking, technology application, safety and health in a public setting, ethic and legal responsibilities, leadership and teamwork and employment and career development.

Career Dev and Entrepreneurship—H1517

Grade Level: 9-12 No. Semesters: 1

Fee: None Credit: .5 Practical Art

Prerequisites: None

To assist Missouri citizens in acquiring career development/preparation and entrepreneurial skills, performance competencies in the Career Development/Entrepreneurship course taught in Family and Consumer Sciences Education programs enable students to: a) construct meaning related to career development/preparation and entrepreneurship; b) communicate effectively with employers and others related to work, career development/preparation and entrepreneurial information and skills; c) solve problems related to the development of entrepreneurship skills; and d) make responsible decisions that impact career development and the establishment of entrepreneurial ventures.

World Foods I—H1511

Grade Level: 9-12 No. Semesters: 1

Fee: None Credit: .5 Practical Art

Prerequisites: Nutrition and Wellness I

This course will provide and introduction into foods of various cultures of the world, emphasizing nutrition and meal patterns of that country. This class will include demonstrations and various food preparation labs.

Internship in Teach & Train—H1510

Grade Level: 12 No. Semesters: 2

Fee: None Credit: 1 Practical Art

Prerequisites: Fundamentals of Education

This course is designed for students who are considering teach and train profession. Each student will be assigned to a district teacher. Interns will keep daily logs, weekly journals, complete projects, prepare and present lessons and work closely with the students of the assigned supervising teacher. Intern will demonstrate good moral character, work habits, responsibility, punctuality and organizational skills.

Program of Studies will be available for the student's career path.

Career Pathways for the Teaching Profession Program of Study Coursework	Credit	Grade Level
Child Development I and II	1 credit	9-10
OR		
Child Development I , Nutrition and Wellness I, or Family Living (2 sem. Classes)	1 credit	9-10
Broad Field Family Consumer Science Program of Study Coursework*	Credit	Grade Level
Child Development I and II	1	9-12
Nutrition and Wellness I and II	1	9-12
Personal Finance	1/2	11-12
Additional Career Education Semester Class	1/2	9-12

*If students have completed more than one program of study. The final determination as to the Technical Skills Assessment examination that the student will take is based upon their career choice.

PRACTICAL ARTS AND VOCATIONAL EDUCATION

☆ AGRICULTURAL ☆ VOCATIONAL ☆ AGRICULTURAL ☆ VOCATIONAL ☆

Ag. Science I—H1400 (Necessary for FFA)

Grade Level: 9-12 No. Semesters: 2

Fee: None Credit: 1 Practical Art

Prerequisites: None, but is the prerequisite for upper level ag courses

Ag Science I is the required introductory course for students who have an interest in agriculture and the National FFA Organization. Leadership, personal development, and supervised agricultural experiences will be stressed through participation in class and FFA activities. Ag related careers will be explored and technical areas of study include livestock selection, nutrition, genetics, and management.

Ag. Power I—H1402

Grade Level: 9-12 No. Semesters: 1

Fee: None Credit: .5 Practical Art

Prerequisites: Successful completion of Ag. Science I

This semester long course develops skills in the maintenance, repair, adjustment, and possible overhaul of small engines if time allows.

Ag Science II—H1401

Grade Level: 10-12 No. Semesters: 2

Fee: None Credit: 1 Practical Art

Prerequisites: Successful completion of Ag. Science

Ag Science II is highly recommended for second year ag students. Ag Science II includes the study of soils, plant and crop science. Leadership and personal development will be stressed through participation in the classroom and FFA activities extending from Ag. Science I.

Intro to Ag. Mechanics—H1403

Grade Level: 9-12 No. Semesters: 1

Fee: None Credit: .5 Practical Art

Prerequisites: None

Introduction to Agricultural Mechanics will provide the students with basic skills to pursue employment fields in agricultural mechanics and construction. Topics will include hand and power tool usage, welding, carpentry, and small project construction. Students wishing to construct a project of their own will be responsible for the cost of materials or securing their own materials. Students without a project will work on assigned projects or assist other students.

PRACTICAL ARTS AND VOCATIONAL EDUCATION

☆ AGRICULTURAL ☆ VOCATIONAL ☆ AGRICULTURAL ☆ VOCATIONAL ☆

Conservation of Natural Resources—H1406

Grade Level: 9-12 **No. Semesters: 1**
Fee: None **Credit: .5 Practical Art**
Prerequisites: None

This is a comprehensive study of conservation and wildlife management. Timber stand improvement and forestry management will also be explored.

Greenhouse Management—H1408

Grade Level: 10-12 **No. Semesters: 2**
Fee: None **Credit: 1 Practical Art**
Prerequisites: None

This course is an in-depth study of the horticulture industry. It will primarily deal with greenhouse operation and with the production, maintenance and marketing of horticultural products. Most work is done in the Greenhouse lab.

Floriculture—H1410

Grade Level: 10-12 **No. Semesters: 2**
Fee: \$25 **Credit: 1 Practical Art**
Prerequisites: None

This course includes the arrangement of retailing of flowers and potted plants. Included are fresh, silk, or dried flowers from which corsages, wedding bouquets, table arrangements, and seasonal holiday decorations will be made. The cost is dependent upon the type of project you decide to complete.

Fish & Wildlife Management—H1405

Grade Level: 9-12 **No. Semesters: 1**
Fee: None **Credit: .5 Practical Art**
Prerequisites: None

This is a comprehensive study of conservation and wildlife management. Timber stand improvement and forestry management will also be explored.

Horticulture—H1407

Grade Level: 10-12 **No. Semesters: 2**
Fee: None **Credit: 1 Practical Art**
Prerequisites: None

Horticulture is a class for students who are interested in plants and how to grow them. The course includes horticultural occupations, garden flowers, house plants, plant propagation, fertilizers, pesticides, and growing mediums. A lot of work is done in the greenhouse lab.

Ag Construction—H1411 (May take as a block; Repeatable)

Grade Level: 10-12 **No. Semesters: 2**
Fee: None **Credit: 1 Practical Art**
Prerequisites: Intro to Ag Mechanics or Permission
Students may enroll for two periods of this course

This course includes operation, maintenance and repair of equipment. The building of a project is also a major part of this course. The student will be required to have a project that can be worked on daily and be responsible for the cost or securing materials. Students without a project will be assigned projects, usually for the school or community. Examples of this are; picnic tables for the park, gates for the fair, fixing desks, bleachers etc. It is highly suggested that students purchase their own pliers, tape measure and safety glasses.

Ag. Power II—H1423

Grade Level: 9-12 **No. Semesters: 1**
Fee: None **Credit: .5 Practical Art**
Prerequisites: Successful completion of Ag. Power I

This course is the study of electricity, its transmission, use, wiring scenarios, electric motor use and selection.

PRACTICAL ARTS AND VOCATIONAL EDUCATION

☆ AGRICULTURAL ☆ VOCATIONAL ☆ AGRICULTURAL ☆ VOCATIONAL ☆

Animal Science I—H1413

Grade Level: 9-12 No. Semesters: 2
Fee: None Credit: 1 Practical Art
Prerequisites: None

This course is an advanced study of the science and business of livestock production. Topics include the structure of the industry, career opportunities, industry issues, animal reproduction, nutrition, and genetics.

Animal Science II—H1414

Grade Level: 10-12 No. Semesters: 2
Fee: None Credit: 1 Practical Art
Prerequisites: Successful completion of Animal Science I

In this class, students will build upon concepts studied in Animal Science I, learning procedures to improve and manage livestock through proper nutrition and genetics. Emphasis is placed on small animal care and the veterinary clinic. Students will learn animal ID, basic care, and other skills used in small animal practices.

PRACTICAL ARTS AND VOCATIONAL EDUCATION

☆ INDUSTRIAL ☆ VOCATIONAL ☆ INDUSTRIAL ☆ VOCATIONAL ☆

Beginning Machine Woodwork—H1431

Grade Level: 9-12 No. Semesters: 2
Fee: Varies by project Credit: 1 Practical Art
Prerequisites: None

Beginning machine woodwork class will provide advanced techniques in woodworking. Student chosen projects of moderate difficulty will be required with emphasis placed on designing and cost estimation of projects as well as the actual construction of the project. Machine operation and safety will be given a high priority in the instructional information as well as in the actual project construction.

Advanced Machine Woodworking—H1432

Grade Level: 10-12 No. Semesters: 2
Fee: Varies by project Credit: 1 Practical Art
Prerequisites: Successful completion of Beginning Machine Woodworking

This is an advanced level class in machine woodworking. Emphasis will be placed on the same areas as beginning machine woodwork, but projects of greater difficulty with more advanced woodworking designs and techniques will be required.

Engineering Design/Fabrication (STEM 2)--H1443

Grade Level: 10-12 No. Semesters: 2
Fee: None Credit: 1 Practical Art
Prerequisites: Successful completion of Explorations of Engineering

This class takes STEM to the next level. The focus will be on advanced coding language to include robotics design and use. Students will spend time designing their own robot. This would be a chance to showcase robots in the Owensville Tech Wars. (STEM Showcase)

Explorations of Engineering (STEM 1)—H1442

Grade Level: 9-12 No. Semesters: 2
Fee: None Credit: 1 Practical Art
Prerequisites: None

This is the gateway to the process. Students will learn coding and design. The class will include heavy use of 3-D printers and design language as well as an introduction to robotics. Final project could include the design of a simple machine to accomplish a task. (STEM Showcase)

Advanced Design Applications(STEM 3)—H1444**Grade Level: 11-12 No. Semesters: 2****Fee: None Credit: 1 Science***Prerequisites: Successful completion of previous 3 STEM classes*

The ULTIMATE demonstration allows students to design a real-world solution to a real-world problem. Heavy reliance on engineering language, outside coaching support and teamwork is required. Final project is presented at the end of the year. (STEM Showcase)

Capstone (STEM 4)—H1445**Grade Level: 11-12 No. Semesters: 2****Fee: None Credit: 1 Science***Prerequisites: Successful completion of previous 3 STEM classes*

The ULTIMATE demonstration allows students to design a real-world solution to a real-world problem. Heavy reliance on engineering language, outside coaching support and teamwork is required. Final project is presented at the end of the year. (STEM Showcase)

Technology Systems II—H1436**Grade Level: 9-12 No. Semesters: 1****Fee: Must have a 1.5 in. 3 ring binder and paper****Credit: .5 Practical Art***Prerequisites: Successful completion of Technology Systems I*

Technology 1 and 2 is designed to prepare students to service and maintain modern personal computers and peripherals. Basic networking concepts and functions will also be covered. Students will become adept at troubleshooting and diagnosing problems, as well as performing routine maintenance on PCs. Students will learn to install and replace the major hardware components of the system, maintain and repair those components, as well as build a complete system. Students will also install, configure and troubleshoot various operating systems, including Linux, DOS and Windows. Various peripherals, such as printers/scanners, as well as portable devices, will also be examined. This course emphasizes practical application of theories covered. Hands-on activities, lecture, and student reading/homework provide the platform for learning. Each student will be provided the resources needed to prepare for the CompTIA A+ certification exam. There are no prerequisites for this course.

Technology Systems I—H1435**Grade Level: 9-12 No. Semesters: 1****Fee: Must have a 1.5 in. 3 ring binder and paper****Credit: .5 Practical Art***Prerequisites: None*

Technology 1 and 2 is designed to prepare students to service and maintain modern personal computers and peripherals. Basic networking concepts and functions will also be covered. Students will become adept at troubleshooting and diagnosing problems, as well as performing routine maintenance on PCs. Students will learn to install and replace the major hardware components of the system, maintain and repair those components, as well as build a complete system. Students will also install, configure and troubleshoot various operating systems, including Linux, DOS and Windows. Various peripherals, such as printers/scanners, as well as portable devices, will also be examined. This course emphasizes practical application of theories covered. Hands-on activities, lecture, and student reading/homework provide the platform for learning. Each student will be provided the resources needed to prepare for the CompTIA A+ certification exam. There are no prerequisites for this course.

ELECTIVES

☆ SPECIAL PROGRAMS ☆ SPECIAL PROGRAMS ☆ SPECIAL PROGRAMS ☆

TV Studio—H1700

Grade Level: 12 No. Semesters: 2

Fee: None Credit: 1 Elective

Prerequisites: Application process and teacher permission

The Video Production class will involve the following:

1. Camera operation -- in studio and portable units
2. Videotape editing
3. Studio lighting and sound control
4. Production of music videos
5. Production of a school-year video "highlight tape"
6. Student produced school news programs
7. Production and direction of in-studio programs for closed circuit broadcast to the student body

The class will require availability of students to tape, edit and broadcast some OHS sports events and other school activities. Many of these activities will take place after the regular school day has ended.

Computer Science Applications AP—H1731

Grade Level: 10-12 No. Semesters: 2

Fee: None Credit: 1 Elective

Prerequisites: C or better in Alg. 1

This elective course will combine Coding, Programming, and Gaming in order to understand and explore scientific and mathematical concepts used to be successful in a technology-rich career field. We will learn aspects of all of these while being centered around building and maneuvering robots, discovering technology career paths and following an inquiry-based rich curriculum. In this course, students will learn the basics of coding, internet, computer safety and privacy, algorithms, and applying all of this to create their own code! Scratch is heavily involved to see the code in action an students will be able to put their work in action. This is an AP course, so an AP test is available at the conclusion of second semester.

New Options—H1701

Grade Level: 9-12 No. Semesters: 2

Fee: None Credit: 1 Elective

Prerequisites: Teacher recommendation

This course is designed for students at-risk to aid in academic success. Students are given a structured environment with increased communication between teachers and parents to aid in tracking student achievement. Students must be recommended by a teacher or at-risk team to participate in the class.

Cadet Teaching—H1703

Grade Level: 11-12 No. Semesters: 1

Fee: None Credit: .5 Elective

Prerequisites: Must be A+ qualified

This course is designed to give students interested in a career in education the opportunity to explore working with younger children. Students will be assigned to elementary or middle school classrooms. Additional projects will be required for a grade. A+ students may enroll in this course to fulfill their 50 hours of tutoring/mentoring.

ELECTIVES

☆ SPECIAL PROGRAMS ☆ SPECIAL PROGRAMS ☆ SPECIAL PROGRAMS ☆

Resource—H1615

Grade Level: 9-12 No. Semesters: 2

Fee: None Credit: 1 Elective

Prerequisites: Must have an IEP

As OHS Special Service teachers determine the need, a student will be enrolled for assistance with mainstreamed classes, and complete transitional activities. (i.e. resume, applications, mock interviews, use of classified ads)

Work Station—H1617

Grade Level: 9-12 No. Semesters: 2

Fee: None Credit: 1 Elective

Prerequisites: Must have an IEP

High School Workstation Program is a program in which students receive work experience in custodial skills assisted by the cafeteria and custodial staff.

Transition to Work—H1636

Grade Level: 12 No. Semesters: 2

Fee: None Credit: 1 Elective

Prerequisites: Must have an IEP

This class gives students the opportunity to gain work experience through job placement in the building as well as in the community. To participate in this class, the student must be employed and working at least 20 hours per week. This may also include community-based education.

Life Skills Nutrition—H1658

Grade Level: 9-12 No. Semesters: 2

Fee: None Credit: 1 Elective

Prerequisites: Must have an IEP

Students develop everyday living skills through cross-curriculum activities involving but not limited to: job applications, mock interviews, cooking, sewing survival needs, functional language arts, vocabulary expansion, and math.

Technology Concepts—H1652

Grade Level: 12 No. Semesters: 2

Fee: None Credit: 1 Elective

Prerequisites: Must have an IEP

This course is designed to provide a broad overview of the effective use of computers and web-based technologies. Topics of study include the following: keyboarding, utilizing accessibility and other online tools such as text to speech, speech to text, and Grammarly; G-Suite features such as Google Docs and Google Slides; efficient search engine use; introduction to coding. Students must have all internet usage forms turned in.

