

HERCULANEUM HIGH SCHOOL



ACADEMIC PLANNING GUIDE

Course Description Book

* This is a working document and is in no way a legally binding document.

Dear Parents/Guardians:

As your son or daughter makes course selections for the coming school year, it is vital that you review their choices. Herculaneum High School is continuing to improve its course offerings and provide the best possible preparation for students for career choices after high school. You will find in the Academic Planning Guide useful resources for guiding your decision making process.

Your involvement as a parent in this course selection process is vital and we encourage you to review carefully your student's course selections. **Course selections should be carefully made because changes in student requests or schedules will be difficult to accommodate after the pre-registration process.**

Sincerely,

The Herculaneum High School Counseling Department

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GENERAL INFORMATION

Unit of Credit:

One unit of credit is earned for successfully completing two semesters of work. Courses meeting daily for one semester earn one-half (0.5) credit.

Required Course:

A course, which is required by either the State Department of Education or Herculaneum High School for graduation; required coursework that is failed can be made up in summer school or can be repeated in another semester.

Elective:

A course which a student chooses to take, but is not specifically required for graduation. Once a student has met the credit requirements for specific subject areas, any additional credits taken in those areas will count as elective credits.

Prerequisite:

A course that must be successfully completed before another related course may be taken. For example: Algebra I must be passed before Geometry can be taken.

Grade Point Average (GPA):

The student's grade point average will be figured on the basis of semester grades in all subjects.

No term grades will be used to determine GPA. Letter grades will be given in the following values and then averaged to determine GPA: A = 4 points; B = 3 points; C = 2 points; D = 1 point; F = 0 points.

Athletic/Activities Eligibility:

A student who intends to participate in ANY sports and/or ANY interscholastic contests such as marching band and football must meet the following requirements: The student must be currently enrolled in courses that offer at least 3.0 units of credit and must have earned at least 3.0 units of credit the previous semester.

Transcript:

A transcript is an official record of a student's semester grades and standardized test scores.

The school must have written permission of the student or his/her parents to send copies of transcripts. Request forms are available in the counseling center and should be accompanied by a stamped and addressed envelope.

Advanced Placement (AP):

Students who successfully complete an AP course may elect to take the national Advanced Placement test offered by the Educational Testing Service. Students who achieve a high composite score on the AP test will be eligible for college credit at most colleges and universities. See the guidance office for further details.

Personal Plan of Study:

All HHS students will complete the five-year plan/personal plan of study to plan for the future.

Planning Your Program

Course selection can differ a great deal from student to student depending upon their particular interest and educational goals. Since colleges and universities differ in their entrance requirements, students should consult the college catalogs for specific entrance requirements.

Dual College Credit

In cooperation with Jefferson College, students enrolling in designated classes during the normal school day can receive both high school and college credit. Dual credit courses are open to Juniors and Seniors who have a minimum of a 3.0 GPA and obtained a qualifying score on the ACT or COMPASS (See course description for score requirements). Students must enroll with Jefferson College and pay fees associated with each course (Approximately \$70 per course).

Correspondence Work and Off-Campus College Credit

Students may elect to have correspondence work and/or college credit transcribed to their high school records provided they are pre-approved by the high school principal. A three-hour college course will be granted a 0.5 high school credit. Correspondence courses carry no weight and do not affect class rank. In addition, 0.5 of high school credit for a 3 hour college course and 1 high school credit will be awarded for a 5 hour college course for satisfactorily completing a correspondence course approved by the principal. No more than a total of 2.0 units of credit may be applied to a student's transcript from a college or correspondence course. Students may not transcript a course equivalent to a high school course already taken.

Missouri State Diploma Requirements

Six or more units or credits per year or 24 total units for the 4 years:

- Four units of Language Arts
- Three units of Social Studies
- Three units of Math
- Three units of Science
- One unit of Fine Arts
- One unit of Practical Arts
- ½ unit of Personal Finance
- ½ unit of Health
- One unit of PE
- Seven electives of your choosing

Recommended Courses for Herculaneum High School Students

Language Arts- 4 Units	Science – 3 Units
Language Arts I (9)	Physical Science
Advanced Language Arts I (9)	Chemistry I
Language Arts II (10)	Biology I
Advanced Language Arts II (10)	Pre-AP Biology
Language Arts III (11)	AP Biology
American Literature (11)	Anatomy & Physiology
Advanced American Literature (11)	Biochemistry
AP American Literature (11)	
Language Arts IV (12)	Personal Finance- ½ Unit
Advanced College Prep English (12)	
College Composition I/II (Dual Credit) (12)	College and Career Readiness– ½ Unit
Social Studies – 3 Units	Health- ½ Unit
American History	
World History	Physical Education – 1 Units
Government	(1/2 unit per semester) for 1 year
AP Government	
	Practical Arts – 1 Unit

Mathematics – 3 Units	Business Education
Algebra I	Family and Consumer Sciences
Algebra II	Industrial Technology
Geometry	
Advanced Math	Fine Arts- 1 Unit
Pre-Calculus/Calculus	Varsity Band
College Algebra	Art
	Video Productions
Electives - 7 Units	Theatre Arts
Includes Fine & Practical Arts, Foreign Language	Choir
Dual Credit Courses	History of Rock & Roll

A TOTAL of 24 units are required for graduation.

All students must carry at least 3.5 credits per semester and **seniors must pass at least 2.5 units per semester during their 7th and 8th semesters in order to graduate (For athletics/activities – 3.0 units per semester is required).** Any senior who fails to pass 2.5 units of credit either semester may receive his or her diploma only when he or she completes these credits after that academic year.

Requirements for the College Preparatory Studies Certificate

Students who successfully complete a rigorous academic program in high school. The certificate is awarded in addition to the regular high school diploma granted by local school districts. This certificate was designed to recognize those students who not only exceed the state's minimum graduation requirements, but who also demonstrate a commitment to good school attendance.

To be eligible for the certificate, a student must meet the following requirements:

Complete a rigorous personal plan of study cooperatively developed by the school, the student and the student's parents. The personal plan of study should be developed around a career path or cluster and must include at least these units of credit.

- Four units of Language Arts
- Three units of Social Studies
- Four units of Math – Algebra I or higher (Algebra I divided into two years only counts for 1 unit)
- Three units of Science – (Biology, Chemistry, Physics)
- One unit of Fine Arts
- One unit of Practical Arts
- One unit of Physical Education

- ½ unit of Personal Finance
- ½ unit of Health
- Three units in specified core electives (at least two units of foreign language are recommended.)
- Six units of general electives
- Earn at or above the prior year's national composite average on the ACT or SAT
- Have a 3.0 or above in Core Curriculum (Math, Science, English, and Social Studies)
- 95% attendance over the four years of high school

Valedictorian and Salutatorian

Only those students who have attended Herculaneum High School for four semesters are eligible for recognition as Valedictorian and Salutatorian.

Class Rank (Academic)

All students are ranked according to their grade point averages. Weighted classes will give a student one extra point for each weighted class taken. This rank will be used on applications for scholarships to colleges and for jobs and vocational programs.

Listing of Weighted Courses Offered

Jefferson College Dual Credit Courses	AP American Literature & Composition
Advanced College Prep English	AP US Government & Politics
College Algebra	AP US History
Advanced Math	AP Biology
Pre-Calculus	AP Physics
Calculus	Anatomy and Physiology
Spanish II	Chemistry II
Spanish III	Zoology
Spanish IV	Biochemistry

Honor Cords at Graduation

HONOR CORD CRITERIA

Student has earned a grade of “A” or “A-” for the indicated number of semesters in the discipline and the coursework has represented an increasing level of difficulty. First 7 semesters are used to determine eligibility (8th semester has no bearing on honor cord criteria).

7 semesters: Mathematics (Algebra I and above), Communication Arts, Social Studies, Science, Band

6 semesters: Music, Physical Education, Art

5 semesters: Spanish, Business, Industrial Arts, FACS, Theater Arts

Summer school credits do not count.

Grade Classification Policy

In order for a student to be listed in a particular grade, other than a freshman, he or she must have a certain number of credits by the first day of school of the school year. **The number of credits is six for a sophomore, eleven for a junior, and seventeen for a senior.** Students may move up a grade at semester if they meet the credit requirement.

Off Campus Credits

The following would become a part of the graduation requirements. A student may take a maximum of two credits by correspondence and/or summer school between his or her second semester of school and his or her graduation. To be given credit the class must require that tests be taken to finish the course.

Independent Study

The term independent study implies a learning situation within the school day that allows a student to develop personal competencies through experiences as an individual, but interaction with others as needed. It is characterized by freedom from constant supervision. Students read, write, contemplate, memorize, create, analyze, build, practice, exercise, experiment, examine, investigate questions, discover, and converse. Independent study implies that students possess potentialities for self-discipline, resourcefulness, productivity, self-assessment, and self-evaluation. Upon the approval of an independent study course by the advisor and counselor's office, the independent study course advisor and student will arrange time for regular conferences.

Early Graduation

In order for a student to graduate with seven semesters of attendance, he or she must show cause for this request in writing and must fill out the correct forms given by the counselor. The only acceptable reasons for this request are extreme hardship, the need to pursue an educational program of at least 18 months duration or need to enter the military early. Well-developed plans must be prepared by the student and approved in order for permission to be granted for early graduation. The school board will then review the application and make the final decision. Dunklin R-V School District reserves the right to modify the requirements and privilege of early graduation at any time.

NCAA Freshman Eligibility Standards

NCAA rules can be complex, so start asking questions. Find out more about the requirements by accessing information on the web at www.eligibilitycenter.org.

NCAA Division I requires 16 core courses as of September 2012. This rule applies to any student first entering any Division I college or university on or after August 1, 2016.

Division I uses a sliding scale for test scores and grade point average. The sliding scale for those requirements are available on-line. The minimum GPA is 2.3

NCAA Division II requires 16 core courses, effective August 1, 2013 (Class of 2013 and beyond).

Division II has a minimum SAT score requirement of 820 or an ACT sum score of 68.

The SAT score used for NCAA purposes includes only the critical reading and math sections. The writing section of the SAT is not used.

The ACT score used for NCAA purposes is the sum of the four sections of the ACT: English, Mathematics, reading and science.

All SAT and ACT scores must be reported directly to the NCAA Eligibility Center by the testing agency. Test scores that appear on transcripts will not be used. When registering for the SAT or ACT, use the Eligibility Center code of 9999 to make sure the score is reported to the Eligibility Center.

Only core courses are used in the calculation of the grade-point average.

Be sure to look at your high school's list of NCAA-approved core courses on the Eligibility Center's Web site to make certain that courses being taken have been approved as core courses. Division I and Division II have specific core course requirements and this information is available on the NCAA clearinghouse website.

HIGH SCHOOL ASSESSMENTS

Standardized tests are designed to give a common measure of students' performance. They help compare an individual student's performance with the performance of a group of students from a given class, school or school system. Since large numbers of students throughout the country take the same test, "standards" can be developed to show whether school programs are succeeding or how students are performing. Different types of standardized tests have different purposes. Standardized achievement tests measure how much your students have already learned about school subjects such as reading, math, language skills, spelling or science. On the other hand, standardized aptitude tests measure your student's ability to learn in school. They measure verbal ability, mechanical ability, creativity, clerical ability, or abstract reasoning.

ACT ASPIRE EARLY HIGH SCHOOL (Formerly the PLAN Test)

ACT Aspire Early High School is a two-hour version of the ACT given in the fall to all Sophomores. The ACT Aspire Early High School provides practice for the ACT. It includes tests in English, Mathematics, Reading, and Science Reasoning. The test also provides an inventory of student plans, needs and goals. It is a good tool for sophomores to use as they start planning about what to do after high school.

COMPASS

Computer adaptive college placement test created by ACT. The COMPASS is used to evaluate student skill levels in Reading, Writing, Mathematics, and English. It is used to place students in appropriate college courses.

PSAT/NMSQT (Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test)

The PSAT/NMSQ measures verbal and mathematics reasoning skills important for academic success in college. It serves three purposes: It gives the student practice for the SAT I. It is the first step in qualifying for scholarships sponsored by the National Merit Scholarship Corporation and other scholarship programs. It gives the student the opportunity to participate in the Student Search Service. The test is approximately two hours in length, given in the fall, and is primarily taken in the Junior year for NMSQT qualification. Students should consult with their counselor for additional information.

ASVAB (The Armed Services Vocational Aptitude Battery)

The ASVAB measures your strengths, weaknesses, and potential for future success. The ASVAB also provides you with career information for various civilian and military occupations and is an indicator for success in future endeavors whether you choose to go to college, vocational school, or a military career.

ACT (The American College Testing Program)

The ACT is a battery of four examinations: English, math, reading and science reasoning. Each of these subgroups will yield separate scores measuring developed abilities in that area. The test is required by many colleges and all Missouri colleges as part of the application process for admission. Check with your counselor about taking this test.

The A+ Schools Program

In an effort to enhance educational opportunities for high school students, the Missouri state legislature established the Outstanding Schools Act in 1993, which included the provisions of the A+ Schools Program. Herculaneum High School graduates who meet specific A+ criteria will be eligible to receive the financial incentives for tuition and fees to attend any public community college, vocational or technical school in the state of Missouri.

STUDENT ELIGIBILITY

To be eligible for the financial incentives, a student must be certified as an A+ Student of Herculaneum High School. To be certified as an A+ Student, a student must complete the following criteria before graduation.

- Sign an **A+ Participation Agreement**.
- **Enroll** in and attend an A+ Designated School for three (3) years prior to graduation.
- Maintain at least a **2.50 un-weighted grade point average** on a 4.0 scale.
- Maintain a cumulative **95% attendance record** for four years.
- Perform 50 hours of unpaid **tutoring/mentoring (Up to 25% may be Job Shadowing)**.
- Maintain a record of **good citizenship** and avoidance of the unlawful use of drugs/alcohol.
- Students that meet selective services requirements must register with selective service.
- Make a good faith effort to first secure all available federal post-secondary student financial assistance funds that do not require repayment (FAFSA form).
- For Class of 2015 – Must Score “PROFICIENT” on Algebra I EOC, or attend 1 Semester (12 Hours Minimum) at a postsecondary school and obtain a minimum 2.5 GPA for that semester.

To enroll in the A+ Program please see the A+ Coordinator which is currently David Cook, at the High School Guidance Office.

Course Selection and Course Planning

Overview

Course selection is an important component to student success in high school. Students will be working toward meeting certain graduation requirements and must consider what courses meet individual academic and career goals. The Missouri Department of Elementary and Secondary Education and Herculaneum High School have specific requirements for graduation and students are responsible for selecting appropriate classes to meet those requirements. Course selection should be completed with the guidance of all stakeholders: students, parents, advisors and counselors.

Schedule Guidelines/Timelines

The scheduling process will begin in December each school year. Students will receive the Academic Planning Guide and course selection worksheet for the upcoming year, followed by individual consultation with their advisor and counselor. Because we are a small school, not all courses listed in the Academic Planning Guide will be offered every year. Students should build their Personal Plan of Study/5-Year plan and focus on their upcoming years as they plan for their coursework each school year. Students will express interest in courses through the course selection worksheet and the master schedule will be built based on student needs each year. Herculaneum High School Guidance Counselor does all high school course selection with the students, teachers and parents.

Dropping a Class

Students will receive schedules and have an opportunity to change their schedules on the registration days prior to the start of the school year. Once students receive their schedules, students and parents should review the assigned coursework to verify progress toward academic and career goals.

No schedule change request will be considered without valid reason. For example: A student signed up for a fine art class and then realizes he needs a practical art for graduation. This would be a valid reason.

Before the school year begins....

If the student or parent wishes to make a schedule change, the counselor should be contacted immediately. Schedule changes will be made before the school year begins with student request, parental consent and counselor approval.

After the school year begins...

No student schedule changes will occur without valid reason. Dropping an advanced academic course will require principal approval. Students will not be allowed to change their schedules after two days into the semester. This will ensure continuity to coursework and will allow teachers to focus on Course Level Expectations once the student rosters are final.

Career Paths and Clusters

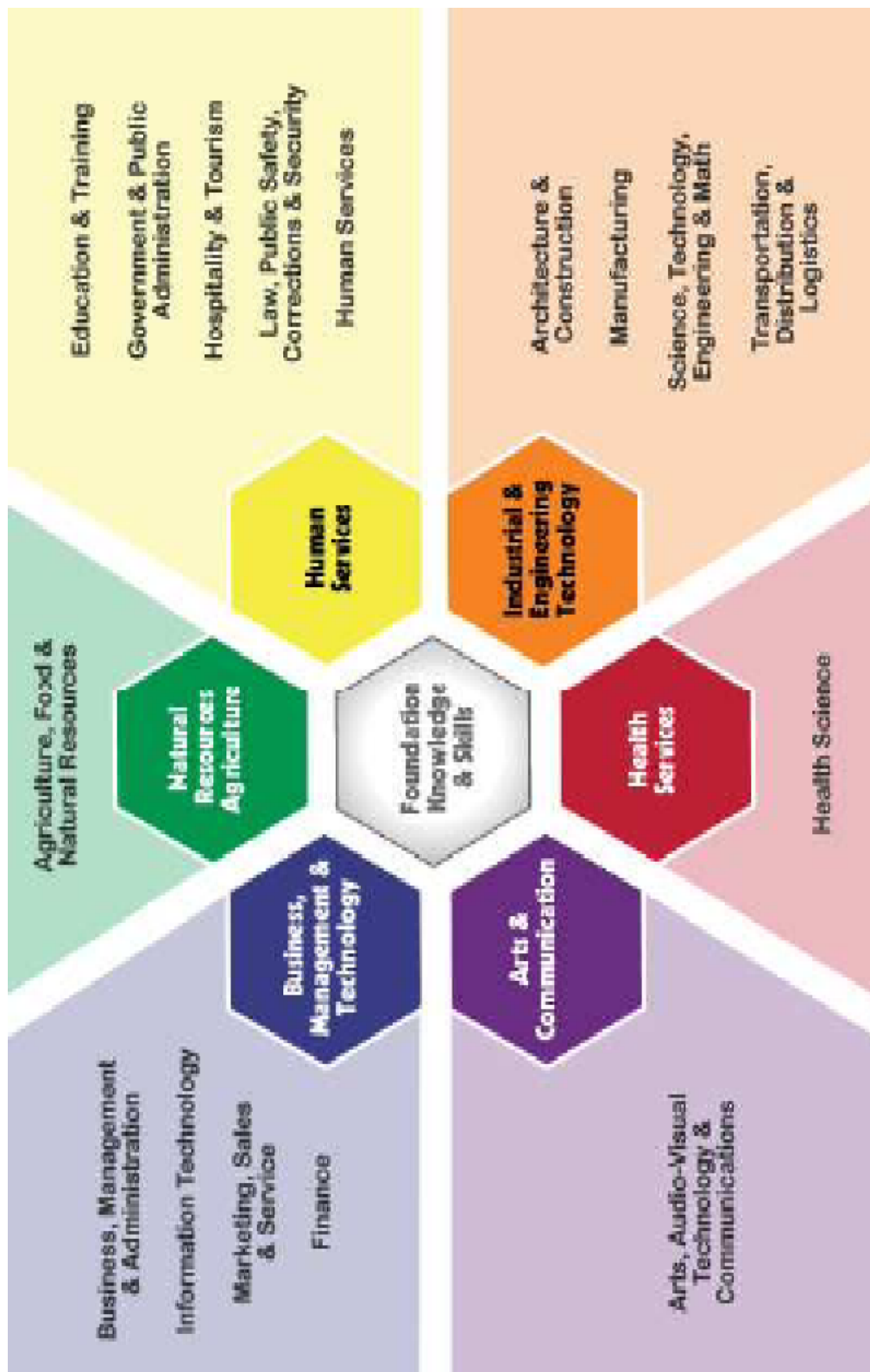
Students are encouraged to pick a career path and career cluster for their future during high school. There are 6 Career Paths and 13 Career Clusters that fall within the Career Paths. Identifying a Career Path and cluster will help students narrow their academic and educational plans with a future focus.

Career Paths:

- Health Services
- Health Path
- Industrial Engineering & Technology
- Building & Fixing Path
- Human Services
- Helping Path
- Natural Resources Agriculture
- Nature Path
- Business, Management & Technology
- Business Path
- Arts & Communication
- Creative Path

Career Clusters:

- Health Science
- Manufacturing
- Transportation, Distribution & Logistics
- Science, Technology, Engineering & Mathematics
- Architecture & Construction
- Human Services
- Hospitality & Tourism
- Government & Public Administration
- Law, Public Safety, Corrections & Security
- Education & Training
- Agriculture, Food and Natural Resources
- Information Technology
- Business, Management & Administration
- Marketing
- Finance
- Arts, A/V Technology and Communications



Go to http://www.dese.mo.gov/divcareered/career_clusters.htm for more information on career clusters or schedule an appointment with your guidance counselor.

***Career Pathways/Clusters Crosswalk**

Arts and Communications (Artistic “Creators”)

Clusters: Arts, Audio/Visual Technology & Communications

Occupations Include: Architecture, Interior Design, Creative Writing, Fashion Design, Film, Fine Arts, Graphic Design, Journalism, Languages, Radio, TV, Advertising, Public Relations

Recommended Electives: Computer Applications, Cabinetmaking, Choir, Band, Art I, Art II, Foreign Language, Web Design, and Area Technical School (ATS) programs in Digital Media and Culinary Arts

Clubs & Activities: Thesbians, FCCLA, Speech, Yearbook

Possible Volunteer Work: Community Theatre, Church choir, Radio/TV station, write for local newspaper, sing National Anthem at events.

Business Management and Technology (Conventional “Organizers”)

Clusters: Information Technology, Finance, and Marketing

Occupations Include: Sales, Entrepreneurship, Marketing, Computers, Finance, Accounting, Personnel, Economics, and Management

Recommended Electives: Computer Applications, Accounting, Marketing, Personal Finance, Multi-Media, Web Page Design, Desktop Publishing, Digital Media and Business Management Program at the ATS

Clubs & Activities: FBLA

Possible Volunteer Work: Junior Achievement, Sales projects for clubs, raise money for charitable causes.

Health Services (Investigative/Social “Thinkers/Helpers”)

Clusters: Health Sciences

Occupations Include: Related to the promotion of health and the treatment of disease. Research, Prevention, Treatment, and related Technologies

Recommended Electives: Anatomy/Physiology, AP Biology, Chemistry, Psychology, Computer Applications, Weight Training, Health, Contemporary Issues, Foods I/II, Jefferson College Health Program

Clubs & Activities: HYPER

Possible Volunteer Work: Hospital volunteer, Red Cross, Donate blood, Food Service Advisory Board member, Nurse/Pharmacist for a day.

Human Services (Social “Helpers”)

Clusters: Education & Training, Government & Public Administration, Hospitality & Tourism, Law/Public Safety/Corrections/Security

Occupations Include: Related to Economic, Political, and Social systems, Education, Government, Law & Law Enforcement, Leisure & Recreation, Military, Religion, Child Care, Social Services and Personal Services

Recommended Electives: Computer Applications, Child Development, Foods I/II, Psychology, American Government, AP Government, Weight Training, Contemporary Issues, AP American History, and Health

Clubs & Activities: Sports, Student Council, Class Officer, FCCLA, HYPER, A+ Program

Possible Volunteer Work: Work for political campaigns, Day Care, Teacher Aide, YMCA, Scouts, Junior Achievement, A+ Tutor.

**Industrial & Engineering Technology (Realistic/Investigative/Conventional
“Doers/Thinkers/Organizers”)**

**Clusters: Architecture/Construction, Manufacturing, Science/Technology/Engineering/Math,
Transportation, Distribution & Logistics**

Occupations Include: Related to Design, Develop, Install, and Maintain Physical Systems, Engineering, Manufacturing, Construction, Service, and related Technicians

Recommended Electives: Computer Applications, Geometry, Conceptual Physics, Cabinet Making I/II/III, Art I/II, Industrial Arts and Jefferson College programs in Electronics, Computer Aided Drafting, Auto Tech, Machine Tool Tech, Welding, Residential Carpentry, Residential Wiring

Clubs & Activities: Yearbook

Possible Volunteer Work: Maintenance and Repairing Small Appliances, automobiles, or computers.

Natural Resources (Realistic “Doers”)

Clusters: Agriculture, Food, Natural Resources

Occupations Include: Related to Agriculture, Environment, and Natural Resources. Agriculture Science, Environmental Science, Earth Science, Fisheries, Forestry, Horticulture and Wildlife

Recommended Electives: Computer Applications, AP Biology, Chemistry, Foods I/II

Clubs & Activities: Outdoor Activities

Possible Volunteer Work: Adopt a Highway or River, Florist, Parks, Botanical Gardens, Zoo, Veterinary, Animal Shelter.

Course Descriptions

Revised 2014

COMMUNICATION ARTS

Language Arts I

Grade: 9

Credit: 1.0 Language Arts Credit

Non-weighted

Prerequisite: none

Language Arts I is designed to provide the basic knowledge and skills needed to communicate successfully. Students will learn and practice skills in writing, reading, and speaking. Students will explore a variety of literatures as readers as well as writers. Effectively communicating information through both performance-based and constructive response assessments will also be expected.

Advanced Language Arts I

Grade: 9

Credit: 1.0 Language Arts Credit

Non-weighted

Prerequisite: Teacher Recommendation

Students in this Honors English course are introduced to the fundamentals used for in-depth study of major literary works and a comprehensive approach to written and oral literary analysis. Major assignments include the writing of literary analysis essays and commentaries as well as visual presentations. Grammar, usage, mechanics, and sentence writing skills will be integrated with each writing assignment. Close reading and analysis will enable students to respond to complex literature with sophistication. Literature used as a stimulus for discussing and writing include plays, novels, short stories and poetry.

Language Arts II

Grade: 10

Credit: 1.0 Language Arts Credit

Non-weighted

Prerequisite: Language Arts I

This is a sophomore level course that will focus on improving student writing and reading comprehension skills. Students will explore a variety of literature including short stories, poetry, novels, and plays. Students will also study a variety of writing techniques and genres including an extended multi-genre research project.

Advanced Language Arts II

Grade: 10

Credit: 1.0 Language Arts Credit

Non-weighted

Prerequisite: Language Arts I, Teacher Recommendation

This honors course will challenge students through an extensive literature program. Close reading skills and vocabulary study will enable students to respond to literature with complexity and sophistication. Students will read, analyze, and evaluate works, noting literary techniques, devices, and structural elements. Literature-based writing assignments include literary analysis essays, commentaries, a formal research paper, and personal response writing. Grammar, usage, mechanics and sentence writing skills will be integrated

into the writing assignments. In conjunction with the text, students will read a variety of novels from the AP Reading List.

Language Arts III

Grade: 11

Credit: 1.0 Language Arts Credit

Non-weighted

Prerequisite: LA I and LA II

Language Arts III is designed to prepare students for Language Arts IV. This course focuses on the fundamental knowledge and skill sets outlined by Common Core Standards for 11th grade students. Our reading will explore American Literature in a time progressive format. Writing pieces will bridge connections between literature comprehension and analysis.

Advanced American Literature

Grade: 11

Credit: 1.0 Language Arts Credit

Non-weighted

Prerequisite: LA I, ADV LA II, or Teacher Recommendation

American Literature is designed to prepare students to take the College Prep course in 12th grade. This course expands and reinforces the student's skills of analysis and evaluation of literature, writing, word study, study and research, and speaking and listening. Through reading fiction, nonfiction, drama, and poetry, the student will examine the changing nature of the American Dream and how it pervades American literature. Key writing concepts include thorough knowledge of the writing process, organizational structure, modes of discourse, and grammatical conventions. Students will use specialized literacy sources including literary criticism. Students will continue to develop oral communication skills through formal and informal presentations.

Language Arts IV

Grade: 12

Credit: 1.0 Language Arts Credit

Non-weighted

Prerequisite: LA I, LA II, and LA III

Language Arts IV is designed to transition students to a post-secondary institution or work force. Students will focus on Common Core Standards for 12th grade students, utilizing both historical and contemporary literature. Through the use of this literature students will produce writing pieces which focus on literature comprehension and analysis.

Advanced College Prep English

Grade: 12

Credit: 1.0 Language Arts Credit

Weighted

Prerequisite: LA I, ADV LA II, ADV American Literature, Teacher Recommendation

College Prep is a college foundational course that features an extensive study of short stories, novels, plays, poems, and nonfiction drawn from selections of British and world literature. The skills of composition, including word study, are further developed in preparation for college. Students will continue to refine their literary-based research skills. In addition, students will have many opportunities to further develop formal and informal oral communication skills.

Intended for college bound students, this course focuses on reading a variety of genres, writing a variety of expository and narrative essays, editing skills, grammar and vocabulary concepts, research techniques as well as library skills. The students are expected to produce a research paper, model appropriate discussion

and formal speaking skills, and present several essays for peer evaluation.

AP American Literature & Composition

Grade: 12

Credit: 1.0 Language Arts Credit

Weighted

Prerequisite: 3.0 GPA, Teacher Recommendation

This course includes an intensive study of representative works from various genres and periods. We will be interpreting and evaluating literature, as well as reflecting on the social and historical values of the pieces. Additionally, we will be looking at vocabulary, sentence structure, organization, tone, and rhetoric. The writing that students produce will reinforce their reading. This program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. The Advanced Placement test can be taken upon completion of the course.

College Composition I/II

Grade: 12

Credit: 1.0 Language Arts Credit

Weighted / Dual Credit

Prerequisite: 3.0 GPA, ACT English Score of 18 or Higher, COMPASS Writing Skills Score of 70 or Higher

English Composition I/II offers students opportunities to learn to write competent expository essays and to do preliminary research. Students will review grammar and mechanics, but the emphasis will be on the writing process.

By the end of the semester, successful English Composition I students will be able to:

- Use the well-developed, coherent, unified paragraph as a building block of a well-developed, coherent, unified essay;
- Write well-developed, coherent, unified essays of 500 words or more;
- Demonstrate an understanding of all stages of the writing process; pre-writing, drafting, revising, editing, and proofreading;
- Demonstrate an understanding of the primary rhetorical types (illustration, narrative, etc.);
- Read with a greater awareness of rhetorical techniques and how they contribute to effective communication;
- Read, interpret, and think critically about model essays, peer essays, and their own essays;
- Employ effective research techniques and appropriately cite sources according to MLA conventions.

Public Communications

Grade: 11, 12

Credit: 0.5 Elective

Non-Weighted

Prerequisite: none

Public Communications provides an overview of the essential life-skills necessary for effective oral communication. Students with little or no public speaking experience will learn intrapersonal, interpersonal, and group discussion with an emphasis on public speaking skills. Areas of study include building self-confidence, enhancing interpersonal relationships, resolving conflict, applying professional interviewing techniques, interacting with groups, dealing with stage fright, and speaking in front of a group. Public Speaking is a class in which students practice a variety of public speaking events. Areas of study include informative, persuasive, impromptu, and demonstration speaking. Students deliver a variety of speeches and performances within these areas of study. This class provides students with an opportunity to develop effective skills in the research, organization, writing, and presentation of speeches.

Oral Communications

Grade: 11, 12

Credit: 0.5 Elective

Weighted / Dual Credit

Prerequisite: 3.0 GPA, ACT Composite Score of 18, COMPASS Reading Score of 81

Oral Communication is an Online Dual Credit Course offered through Jefferson College. The course involves the student in all forms of communication: intrapersonal communication, interpersonal communication, small group communication, mass communication, and public speaking. Oral Communication requires tests and activities demonstrating understanding of the principles of all types of communication and one speech demonstrating skill in persuasive speaking.

FOREIGN LANGUAGE

Spanish I

Grade: 9, 10, 11

Credit: 1.0 Elective Credit

Non-weighted

Prerequisite: C- or better in Language Arts I second semester, Teacher Recommendation

Spanish I is designed for students who have no substantial previous experience with Spanish. The course objectives are to:

- Develop speaking and listening proficiency at the novice level.
- Master basic grammar and vocabulary.
- Introduce reading and writing of various types of texts.
- Help students gain an understanding of and appreciation for some aspects of the various Hispanic cultures.

Spanish II

Grade: 10, 11, 12

Credit: 1.0 Elective Credit

Weighted

Prerequisite: C- or better in Spanish I second semester

Spanish II is designed for students who have successfully completed two semesters of Spanish I. The course objectives are to:

- Develop speaking and listening proficiency at the novice high level.
- Master basic grammar and vocabulary.
- Increase ability to read and write various types of texts.
- Help students gain a greater understanding of and appreciation for some aspects of the various Hispanic cultures.

Spanish III

Grade: 11, 12

Credit: 1.0 Elective Credit

Weighted

Prerequisite: C- or better in Spanish II second semester

Spanish III is designed for students who have successfully completed two semesters of Spanish II. The course objectives are to:

- Develop speaking and listening proficiency at the intermediate low level.
- Master basic grammar and vocabulary.
- Increase ability to read and write various types of texts.
- Help students gain a greater understanding of and appreciation for some aspects of the various Hispanic cultures.

Spanish IV

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REVISED 3/13/2014

Grade: 12

Credit: 1.0 Elective Credit

Weighted

Prerequisite: C- or better in Spanish III second semester, Teacher Recommendation

Spanish IV is designed for students who have successfully completed two semesters of Spanish III. It will have a greater focus on independent study, culture, and literature. The course objectives are to:

- Develop speaking and listening proficiency at the intermediate level.
- Master basic grammar and vocabulary.
- Increase ability to read and write various types of texts.
- Help students gain a greater understanding of and appreciation for some aspects of the various Hispanic cultures, including literature.

SOCIAL STUDIES

American History

Grade: 9

Credit: 1.0 Social Studies Credit

Non-weighted

Prerequisite: none

American History is a course designed to help students develop an understanding of the American heritage and American future. Students will develop the ability to think critically about America's past, present, and future. They will improve their critical thinking abilities and develop a sense of responsibility as citizens of the United States. American History is a survey of the political, economic, constitutional, diplomatic, social and cultural developments of the United States from the Civil War period to the present.

World History

Grade: 10

Credit: 1.0 Social Studies Credit

Non-weighted

Prerequisite: none

World History is a required course for sophomores. It is a course designed to educate the students of major civilizations that developed in various parts of the globe. Specific topics covered will include early civilizations, cause and effect of wars, the formation of the nation states of Europe, and the achievements of man. This course will examine social political and cultural developments of the world. It will also cover historical events, personalities, ideas and concepts that have affected the evolution of the world.

Government

Grade: 11

Credit: 1.0 Social Studies Credit

Non-weighted

Prerequisite: none

Government is a required course for juniors. This class is a study of the basic processes of local, state, and federal government. This course will examine, analyze, and interpret the concepts of a democratic society. Students will apply their knowledge to becoming informed citizens and responsible voters in a democratic society.

Contemporary Issues

Grade: 11, 12

Credit: 0.5 Elective Credit

Non-weighted

Prerequisite: none

Contemporary Issues is a study of the events and issues of today. This course will examine, analyze, and interpret national and international current events. Students will shape opinions and make judgments on current issues. Contemporary Issues is a course designed to help all students understand the world and how it changes.

World Cultures

Grade: 11, 12

Credit: 0.5 Elective Credit

Non-weighted

Prerequisites: none

Students will compare and contrast governmental, economic, political, social, and geographic influences on cultures throughout the world and identify causes and consequences of institutions and individual actions. Students are expected to read on a daily basis, provide outlines of chapters and perform presentations to the class on a weekly basis. Daily participation is expected.

AP US Government & Politics

Grade: 11 or 12

Credit: 1.0 Social Studies Credit

Weighted

Prerequisite: 90% or better for previous history course OR History teacher recommendation

This course can be taken in place of the required course, Government, for juniors. This class is an advanced study of the basic processes of local, state, and federal government. This course will examine, analyze, and interpret the concepts of a democratic society. Students will apply their knowledge to becoming informed citizens and responsible voters in a democratic society. At completion of this course students will be able to take the AP Government exam for credit.

AP US History

Grade: 12

Credit: 1.0 Elective Credit

Weighted

Prerequisite: 3.0 cumulative GPA & Teacher Recommendation

This is an intensive study of United States History from the beginning to the present. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. An AP United States History course should thus develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in an essay format. The Advanced Placement test can be taken upon completion of the course.

General Psychology

Grade: 11, 12

Credit: 1.0 Elective Credit

Weighted / Dual Credit

Prerequisite: 3.0 GPA, ACT Composite Score of 18, COMPASS Reading Score of 81

General Psychology is an Online Dual Credit Course offered through Jefferson College. General Psychology deals with the scientific study of behavior and mental processes found in humans and animals.

US & Missouri Government & Constitution

Grade: 11, 12

Credit: 1.0 Elective Credit

Weighted / Dual Credit

Prerequisite: 3.0 GPA, ACT Composite Score of 18, COMPASS Reading Score of 81

US & Missouri Government & Constitution is an Online Dual Credit Course offered through Jefferson College. U.S. and Missouri Governments and Constitutions examines the U.S. and Missouri Constitutions including their impact on federal, state, and local government structure and power. Focus is on citizen and group efforts to influence government policies.

MATHEMATICS

Pre-Algebra

Grade 9, 10, 11, 12

Credit: 1.0 Math Credit

Non-weighted

Pre-Algebra is intended to prepare students for Algebra I. This course uses the Saxon textbook. The text introduces math concepts in small increments, and then continually goes back to review older concepts previously introduced.

Algebra IA

Grade 9, 10, 11, 12

Credit: 1.0 Math Credit

Non-weighted

This is the first half of the high school Algebra course offered at Herculaneum High School. Students will study the same Algebraic concepts as the Algebra I course in a slower fashion. This course does not count as a NCAA math course or towards the math requirement of the College Prep Certificate from the state of Missouri. Additionally, this course combined with the second half of the Algebra course (Algebra IB) will count as one math course toward most University requirements.

Algebra IB

Grade 10, 11, 12

Credit: 1.0 Math Credit

Non-weighted

Prerequisite: Algebra IA

This is the second half of the high school Algebra course offered at Herculaneum High School. Students will study the same Algebraic concepts as the second half of the Algebra I course in a slower fashion. This course does not count as a NCAA math course or towards the math requirement of the College Prep Certificate from the state of Missouri. Additionally, this course combined with the first half of the Algebra course (Algebra IA) will count as one math course toward most University requirements.

Algebra I

Grade 9, 10, 11, 12

Credit: 1.0 Math Credit

Non-weighted

Prerequisite: B- or above the 4th quarter in Pre-Algebra

Algebra is the basic course for the advanced study of mathematics and many sciences. Modern mathematical concepts are used to develop traditional principles in a systematic, meaningful way. This course introduces various topics including equations, inequalities, graphing, polynomial factoring, geometric concepts, and statistics.

Concepts of Geometry

Grade: 10, 11, 12

Credit: 1.0 Math Credit

Non-weighted

Prerequisite: Algebra I or Algebra IB

Geometry is a comprehensive study which complements the basic geometric concepts that are presented in the Algebra curriculum. The student will study logic, properties of polygons, trigonometry, solids, circles, and transformations. Students will learn many theorems to help them to fully understand the mathematical concepts presented in this course. Formal proofs will not be emphasized.

Algebra II

Grade: 9, 10, 11, 12

Credit: 1.0 Math Credit

Non-weighted

Prerequisite: Algebra I (C- or above) or Concepts of Geometry

Algebra II reviews and expands the topics of algebra. Topics for study will include complex numbers, properties of exponents, radicals, solving equations and systems of equations, polynomials, graphing and writing linear equations, functions, polar coordinates, right triangle trigonometry, and solving word problems. The knowledge of this subject will prepare and encourage students to continue their study of mathematics.

Advanced Math

Grade: 10, 11, 12

Credit: 1.0 Math Credit

Weighted

Prerequisite: Algebra II (C or above)

The course material provides the background needed to succeed in advanced math, such as thorough familiarity with functions and their graphs and trigonometric functions and identities. Other topics include statistics, vectors, and matrices. These are helpful in other courses and in the general enlightenment of students. A review of linear and quadratic functions leads the way for thorough discussion of trigonometric functions and their graphs. In addition, much emphasis is placed on helping students recognize situations in real-life where trigonometry can be applied.

Pre-Calculus

Grade 11, 12

Credit: 1.0 Math Credit

Weighted

Prerequisite: Advanced Math (C- or above)

The course will introduce material including arithmetic and geometric sequences, trigonometric, exponential, and logarithmic functions, matrices and determinants, conic sections, probability and statistics, rectangular and polar coordinates, and trigonometric identities. Upon successful completion of the course, a student should be well-prepared to enter college.

Calculus

Grade: 12

Credit: 1.0 Math Credit

Weighted

Prerequisite: Pre-Calculus (C or above)

The course material includes limits and continuity of functions of a single variable, derivatives and integration of algebraic, trigonometric, exponential, and logarithmic functions, and applications of

differentiation in integration. Upon successful completion of the course, a student should be well prepared to enter college and major in mathematics or engineering.

College Algebra

Grade: 11, 12

Credit: 0.5 Math Credit per semester

Weighted / Dual Credit

Prerequisite: Algebra II (C- or better) and enrolled in College Credit, 3.0 G.P.A. and 23 or better on ACT Math portion, COMPASS Algebra Score of 66 or higher.

This course is for College credit through Jefferson College. It will cover the basic elements of equation solving, algebraic procedures, and problem-solving techniques necessary for more advanced mathematics. Topics for study will include functions with their properties and operations, inverse functions, slope of and the equation of a line, polynomial functions and their application, function modeling, systems of linear equations, linear programming, and matrix operations.

Beginning Algebra

Grade: 11, 12

Credit: 0.5 Math Credit per semester

Weighted / Dual Credit

Prerequisite: 3.0 GPA, COMPASS Pre-Algebra Score of at least 33, ACT Math Score of 16 or Higher

Beginning Algebra is an Online Dual Credit Course offered through Jefferson College. Beginning Algebra is designed for the student who has had no prior instruction in algebra. The student will work with operations of signed numbers, exponents, rational expressions, graphs, and linear equations. Beginning Algebra is not applicable toward the associate degree. This course could be taken by students who do not qualify for College Algebra.

Intermediate Algebra

Grade: 11, 12

Credit: 0.5 Math Credit per semester

Weighted / Dual Credit

Prerequisite: 3.0 GPA, COMPASS Algebra Score of at least 42, ACT Math Score of 18 or Higher

Intermediate Algebra is an Online Dual Credit Course offered through Jefferson College. Intermediate Algebra continues the development of the algebraic skills introduced in Beginning Algebra. This course counts as an elective toward the Associate of Arts degree. This course could be taken by students who do not qualify for College Algebra.

SCIENCE

Physical Science

Grade: 9

Credit: 1.0 Science Credit

Non-weighted

Prerequisite: None

This course will provide the learner with knowledge and ability of the following topics: scientific experimentation, principles of energy and work, force and motion, study of simple machines, and electricity. An attempt is made to provide students with a wide variety of learning styles. An emphasis will be applied to conceptual knowledge and applied scientific laboratory work.

Chemistry I

Grade: 10

Credit: 1.0 Science Credit

Non-weighted

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Prerequisite: Completion of Physical Science

Chemistry I is designed to teach the basic structure of matter and basic concepts which may be used for advanced scientific work. Areas of study include the scientific method, laboratory safety procedures and techniques, atomic structure, periodic chart, chemical bonds and compounds, chemical reactions, gas laws, acid & base reactions, nuclear and organic chemistry. A portion of the course will be used for laboratory investigations and experiments.

Biology I

Grade: 11

Credit: 1.0 Science Credit

Non-weighted

Prerequisite: Completion of Chemistry I

Biology I is a course focusing on the requirements and conditions necessary for sustaining life and also on the importance of biodiversity and the relationship between organisms and their physical environment. The first semester emphasizes cellular biology and covers topics including atoms and molecules, structure and function of the cell, homeostasis and transport cell reproduction and genetics. The second semester emphasizes biodiversity and ecological relationships and includes topics of classification, natural selection, populations and communities, ecosystems and humans in the environment. An emphasis is placed on writing, and students are required to keep a notebook containing homework assignments, drawings, and all laboratory work.

Pre – AP Biology

Grade: 11

Credit: 1.0 Science Credit

Non-weighted

Prerequisite: Completion of Chemistry I (C or better)

Pre-AP Biology is a course that focuses on the requirements and conditions that are necessary for sustaining life and also on the biodiversity and the relationship among organisms and their physical environment. The first semester emphasizes cellular biology and covers topics including atoms and molecules, structure and function of the cell, homeostasis and transport cell reproduction and genetics. The second semester emphasis is placed on biodiversity and ecological relationships and includes topics of classification, natural selection, populations and communities, ecosystems and humans in the environment. An emphasis is placed on writing, and students are required to keep a notebook containing homework assignments, drawing, and all laboratory work. The course may be taken in place of the required junior course Biology. This course is a prerequisite to AP Biology.

AP Biology

Grade: 11, 12

Credit: 1.0 Science Credit

Weighted

Prerequisite: Completion of Pre-AP Biology with exceptional grades.

AP Biology is an advanced course focusing on the requirements and conditions necessary for sustaining life and also on the importance of biodiversity and the relationship between organisms and their physical environment. The first semester emphasizes cellular biology and covers topics including atoms and molecules, structure and function of the cell, homeostasis and transport cell reproduction and genetics. The second semester emphasizes biodiversity and ecological relationships and includes topics of classification, natural selection, populations and communities, ecosystems and humans in the environment. An emphasis is placed on writing, and students are required to keep a notebook containing homework assignments, drawings, and all laboratory work. The course may be taken in place of the required junior course Biology. At completion of this course students will be able to take the AP Biology exam for credit.

Anatomy and Physiology

Grade: 12 Credit: 1.0 Elective

Weighted

Prerequisite: C average or better in Biology I or Pre AP Biology, and Chemistry I

This course is designed to give students a detailed look at the structure and function of the human body. During this course, students will gain understanding of the unique systems of the human body. Through class discussions, lectures, laboratory experiences, computer-enhanced programs, and hands-on activities, students will be able to better understand how the human body maintains its balance of life.

Biochemistry

Grade: 11, 12 Credit: 1.0 Elective

Weighted

Prerequisite: 3.0 GPA, C or Better in Biology and Chemistry, Teacher Referral

Biochemistry is a course focusing on the aspects of chemistry and biology that deal with life and how interactions of chemical reactions affect the human body. This class will also focus on material that is geared toward careers in biology/chemistry (pharmacy, research, medicine, genetics). Areas of study will include organic chemistry (the chemistry of life), nuclear chemistry, chemical reactions, stoichiometry, and genetics. A portion of the class will be involved in laboratory practices and group projects that require laboratory findings.

Concepts In Biology

Grade: 11, 12 Credit: 1.0 Elective

Weighted / Dual Credit

Prerequisite: 3.0 GPA, ACT Composite Score of 18, COMPASS Reading Score of 81

Concepts in Biology is an Online Dual Credit Course offered through Jefferson College. Concepts in Biology is a non-laboratory course covering concepts common to all life forms. This course focuses on structural and functional human systems.

PRACTICAL ARTS

Computer Applications I

Grade: 9, 10, 11, 12 Credit: 0.5 Practical Art Credit

Non-weighted

Prerequisite: None

Computer Applications is a technology-based class. It is a one semester course designed to give students the alphabetic and numeric keyboarding skills necessary for touch key -stroking. In addition to developing correct key stroking techniques, students will learn the parts to a computer system and the correct way to format and key personal and business letters, tables, reports, employment documents, and other interoffice business communications. Language and punctuation skills will also be reviewed.

Computer Applications II

Grade: 9, 10, 11, 12 Credit: 0.5 Practical Art Credit

Non-weighted

Prerequisite: Computer Applications II

Computer Applications is a technology-based class. It is a semester course that is designed to continue student development in key stroking techniques and formatting. Students will learn the correct way to format and key personal and business letters, tables, reports, employment documents, and other interoffice business communications. Language and punctuation skills will also be reviewed.

Intro to Business

Grade: 9, 10, 11, 12

Credit: 0.5 Practical Art Credit

Non-weighted

To be successful in the world of business you need more than just knowledge about business and business skills. Success in the world of business also requires the basic skills of reading, writing, speaking, listening, mathematics, and critical thinking. Each student will be exposed to a wide variety of informational sources that will guide them in the understanding of the most important areas in our economy. Introduction to Business will acquaint each student with the American business as a dynamic process. Topics such as the private enterprise system, forms of business ownerships, stocks, marketing, factors of production, personnel, labor, finance, and taxation are presented.

College and Career Readiness For Juniors

Grade: 11

Credit: 0.5 Practical Art Credit

Non-weighted

This follow-up course to College and Career Readiness(Freshmen) explores a more individual plan for career and college paths. Find out what colleges offer your major, learn about specialty colleges, military options, and school-to-career programs. Students will also update resumes, fill out job applications, and shadow a person in their career choice. Counselors will aid in financial aid and college application process. This is a valuable course for Juniors.

Marketing

Grade: 10, 11, 12

Credit: 0.5 Practical Art Credit

Non-weighted

This course is intended to develop the students' ability to identify, understand, and apply the basic principles and concepts of marketing. The course focuses on the implication of the marketing strategy with emphasis on learning the marketing mix variables of product, placement, distribution, price and promotion. The course will address these concepts from both and business and consumer perspective. This is an introductory course and time will be spent on mastering basic principles. Critical thinking and creativity will be required components for successful completion of this course.

Marketing II

Grade: 10, 11, 12

Credit: 0.5 Practical Art Credit

Non-weighted

This course will be a follow-up to Marketing I. Students will perform marketing functions for the school district and community events. They will design signs, brochures, flyers as needed for promotion purposes. Other projects will be implemented for curriculum advancement and experience.(Pre-requisite-Marketing I)

Accounting

Grade: 10, 11, 12

Credit: 1.0 Practical Art Credit

Non-weighted

Prerequisite: Computer Applications with a C+ or better

Where's the Money????? If you have thought about going into business for a career, this course will be a good start for your college studies. This one year accounting course is designed for students who plan to pursue a career in accounting or a related business field such as business management or finance. This course will provide an essential head start to any student who plans to enroll in a one, two or four year accounting program. It is an Articulated Course through Jefferson College, and you will earn 3 hours of college credit if you make and 80% or better in the class.

Business Law

Grade: 10, 11, 12
Non-weighted

Credit: 0.5 Practical Art Credit

This course will prove to be one of the most valuable classes to students in their high school career. Students will study true situations that show how business and personal law impacts not only business, but the lives of young people and adults as well.

The unit topics covered will be:

- Law, Justice, and You
- Contract Law
- The Law of Sales
- Property Law
- Agency and Employment Law
- Legal Forms of Business Organization
- Borrowing Money and Paying Bills

Business Ethics

Grade: 10, 11, 12
Non-weighted

Credit: 0.5 Practical Art Credit

Prerequisite: Business Law

Students study moral and ethical issues including responsibilities of businesses to employees, responsibilities of employees to businesses, ethical issues in economic systems (emphasizing capitalism), and social responsibilities of businesses, including quality of products, truth in advertising and environmental concerns.

Vocational Business Technology

Grade: 10, 11, 12
Non-weighted

Credit: 1.0 Practical Art Credit

Prerequisite: Computer Applications with a C+ or better

Business Technology is a one-year vocational course is to enable students to explore their potential for a career and/or college major in business. It is designed to help students develop the qualities, knowledge, and skills necessary to succeed in a career of business. Areas of study include career opportunities, communication, and processing information, using office procedures and organizational skills, and preparing a job portfolio. Personal development skills are integrated throughout the course.

Supervised Business Experience

Grade: 12
Non-weighted

Credit: Elective Credit

Prerequisite: Must have place of employment

Supervised Business Experience is a year-long school-to-work transition program. Participation in this course will allow students the opportunity to gain supervised practical work experience while receiving related school instruction. Students must work a minimum of 15 hour per week and receive at least

minimum wage compensation in a business related position. The student must be concurrently enrolled in the Business Technology course.

Multimedia Design

Grade: 10, 11, 12 Credit: 0.5 Practical Art Credit

Non-weighted

Prerequisite: Computer Applications

Students in this course will be introduced to a wide variety of multimedia-based technology. Semester 1 will include units on graphics and animation. Using programs such as Photoshop and Fireworks, students will be required to become proficient in photo manipulation and restoration, as well as designing their own graphics. Semester 1 will also be an introduction to the workings of the Internet. This will include information on the basic make up of the Web, search engines, safe practices, and various Internet terminologies.

Webpage Design

Grade: 10, 11, 12 Credit: 0.5 Practical Art Credit

Non-weighted

Prerequisite: Computer Applications

Students will use programs that include FrontPage and Dreamweaver. After showing a proficient level of skill in web design, students will be permitted to help design the school web page.

Desktop Publishing

Grade: 10, 11, 12 Credit: 1.0 Practical Art Credit

Non-weighted

Prerequisite: Computer Applications with a C+ or better

This two-semester course provides skill development in the electronic procedures of producing and editing publications. Students will create, format, illustrate, design, edit/revise, and print publications. Improved productivity of electronically produced newsletters, flyers, brochures, reports, advertising materials, and other publications are emphasized. Proofreading, document composition, and communication competencies are also included. Primary software used in the course will be Adobe In Design CS2. Students will also gain knowledge in electronic input devices such as scanning and digital photography.

Personal Finance

Grade: 11, 12 Credit: 0.5 Personal Finance Credit or Elective Credit

Non-weighted

Prerequisite: None, Required for graduation

Students learn how to navigate the financial decisions they must face and to make informed decisions related to career exploration, budgeting, banking, credit, insurance, spending, taxes, saving, investing, buying/leasing a vehicle, living independently, and inheritance. Students will also gain a hands-on laboratory of checkbook recording, reconciliation, and check writing. Development of financial literacy skills and an understanding of economic principles will provide the basis for responsible citizenship and career success. In addition to developing personal finance skills, students will study success, basic occupational skills and concepts in preparation for entry-level employment in the field of finance. The course incorporates all economics and financial literacy objectives included in Missouri Personal Finance required curriculum.

Housing, Interiors and Home Furnishings

Grade: 9, 10, 11, 12 Credit: 0.5 Practical Art Credit

Non-weighted

Prerequisite: None

This course is designed to help students learn about types of housing, home furnishings, design elements, obtaining and maintaining housing and creating an eco friendly environment in which to live.

This course will include hands on projects, and guest speakers.

Foods And Nutrition

Grade: 10, 11, 12 Credit: 1.0 Practical Art Credit

Non-weighted

This course gives students the knowledge required to make healthy lifestyle choices, solve problems related to health and wellness, as well as food needs and making responsible decisions involving family and individual food needs, and the care of food will be included. The course includes BOTH Coursework and Food Lab Preparation. An 80% or higher grade is required on the Safety & Sanitation and Kitchen Utensils exams to participation in food labs.

Parenting

Grade: 11, 12 Credit: 0.5 Practical Art Credit

Non-weighted

Prerequisite: None

This course is designed to help students with communication skills, problem solving skills and making decisions that strengthen and maintain family relationships, and develop parenting skills that reduce disruptive conditions that destabilize families. Children's books and age appropriate games will be created and are included in the in-class activities. Observations at the Taylor Building are also a requirement.

Child Development

Grade: 11, 12 Credit: 0.5 Practical Art Credit

Non-weighted

Prerequisite: None

The course focuses on the development of children from conception through early childhood. Development includes not only physical maturation, but an understanding of how emotional, social and intellectual development are fostered and hindered. The interrelationship of the early ages of development is stressed throughout the course. This developmental approach is interwoven with applications to parenting and childcare situations as well as careers in childcare. A child related portfolio will be developed including books, toys, games.

Career And Family Leadership

Grade: 11, 12 Credit: 0.5 Practical Art Credit

Non-weighted

Prerequisite: None

Career and Family Leadership course enables students to promote personal growth and leadership development, make decisions that support and strengthen the integration of multiple roles/responsibilities of

individuals, family, career and community. Students will explore work, jobs and careers related to family and consumer sciences and human services. A variety of leadership and work related projects will be included in this course.

Interpersonal Relationships

Grade: 11, 12 Credit: 0.5 Practical Art Credit

Non-weighted

Prerequisite: None

This course encourages students to develop important relationship skills, which emphasizes balancing friendships, intimate relationships, dating and marriage, and balancing family and work while investigating the human sciences available to provide support for all stages of relationship development. Communication skills, leadership skills, and human sexuality will be addressed.

Exploration of Tech

Grade: 9, 10, 11, 12 Credit: 0.5 or 1.0 Practical Art Credit

Non-weighted

Prerequisite: None

Exploration of Tech will lead the students through the process of mass producing woodcrafts. Hand constructed items will be produced by the class using only hand tools.

Tech Problem Solving

Grade: 10, 11, 12 Credit: 1.0 Practical Art Credit

Prerequisite: Previous classes in the Industrial Technology Department and approval of instructor.

Tech Problem solving is a hands-on, performance based class designed to give students basic information and hands-on experience in Construction trade careers. Students will demonstrate their knowledge and safety in the use of hand and power tools. Students will stain/paint/refinish projects assigned by the instructor. Students will also perform repairs/maintenance/cleaning projects as assigned by the instructor for the school district.

Industrial Woods Tech I

Grade: 9, 10, 11, 12 Credit: 1.0 Practical Art Credit

Prerequisite: None

This is an introductory level course into Power Machine Woodworking. The class is centered on a series of two to four required projects that reinforce the information taught in class. In addition, the students have the option to select and complete at least one other project as an elective project. The course covers most of the basic power woodworking machines and the following information: name, parts, uses, basic set-up, basic operation, and safety rules. Safety and proper operation of power equipment are stressed throughout the course. Students will be expected to be able to work on their projects individually in a safe and mature manner. The students are expected to pay for materials they chose to use in their projects prior to receiving their final grade.

Industrial Woods Tech II

Grade: 10, 11, 12

Credit: 1.0 Practical Art Credit

Prerequisite: Successful completion of Woodshop I with a grade of “C” or better.

This is an advanced level course into Power Machine Woodworking open to grades 10 through 12. The class is centered on a series of 2 to 4 required projects that reinforce the information taught in class. In addition, the students have the option to select and complete at least one other project as an elective project.

The course covers review of all machinery used in Woodworking 1. The course also moves into the use of more advanced machinery (such as the lathe) and techniques (i.e. dovetail and finger joints). Safety and proper operation of power equipment are stressed throughout the course. Students will be expected to be able to work on their projects individually in a safe and mature manner. The students are expected to pay for materials used prior taking the project home and receiving their final grade. The amount paid for their projects is in direct relation to the amount of wood used in each project.

Industrial Woods Tech III

Grade: 11 or 12

Credit: 1.0 Practical Art Credit

Prerequisite: Completion of Woodshop II with teacher recommendation

This is an Independent Study course in Woodworking for the most advanced students in this area. Safety and proper operation of power equipment are stressed throughout the course. Students will be expected to be able to work on their projects individually in a safe and mature manner. The students are expected to pay for materials used prior taking the project home and receiving their final grade. The amount paid for their projects is in direct relation to the amount of wood used in each project.

ATS Programs at Jefferson College

Students enrolled in Area Tech School classes attend 3 classes on the Jefferson College Campus may earn 3 (High School) credits for each year completed. Students will also be enrolled in 4 classes on HHS Campus in order to meet all graduation requirements. Students may earn credit toward an Associate’s Degree in Applied Science at Jefferson College upon successful completion of most of the programs. For detailed information of each program, see your counselor or visit: www.jeffco.edu and click on Area Technical School.

Advanced Residential Carpentry 11-12

Automotive Technology 12

Building Repair Technology 10-12

Business Management 11-12

CAD Architecture 12

CAD Engineering 11-12

Early Childhood & Elementary Education 11-12

Culinary Arts 10-12

Digital Media Technology 11-12

Web Design & Computer Operations 11-12

Health Services Assistant 11-12

Heating/Refrigeration/AC 12

Metal Fabrication 10-12

Residential Carpentry 10-12

Residential Wiring 11-12

Welding Technology 11-12

FINE ARTS

Women's Choir

Grade: 9, 10, 11, 12

Credit: 1.0 Fine Arts Credit

Non-weighted

Prerequisite: None

Women's Choir is open to all women in the HHS student body. The choir will include the study of proper singing technique, rehearsal discipline, and concert etiquette. The choir will also, through music literature, explore music history and foreign languages. Attendance at all performances is required; adequate notice will be given for performance dates. Students are expected to attend calendared rehearsals held outside the regular school day.

Men's Choir

Grade: 9, 10, 11, 12

Credit: 1.0 Fine Arts Credit

Non-weighted

Prerequisite: None

Men's Choir is open to all men in the HHS student body. The choir will include the study of proper singing technique, rehearsal discipline, and concert etiquette. The choir will also, through music literature, explore music history and foreign languages. Attendance at all performances is required; adequate notice will be given for performance dates. Students are expected to attend calendared rehearsals held outside the regular school day.

Colorguard

Grade: 9, 10, 11, 12

Credit: 0.5 Fine Arts Credit

Non-weighted

Prerequisite: Demonstration of adequate skills with the flags. Consent of Colorguard sponsor is required.

Colorguard is offered to students in grades 9 through 12 who are in the Colorguard. Many performance opportunities using many different styles of music are used during the school year. This course is always first semester only.

High School Band

Grade: 9, 10, 11, 12

Credit: 1.0 Fine Arts Credit

Non-weighted

Prerequisite: Demonstration of adequate musicianship and playing ability on a band instrument.

Band is offered to students in grades 9 through 12 who have had experience in band up to the eighth grade. All skills learned in the other bands are refined and reviewed. Many performance opportunities using many different styles of music are used during the school year. Band consists of both the Marching Band and Concert Band.

Jazz Band

Grade: 9, 10, 11, 12

Credit: 1.0 Fine Arts Credit

Non-weighted

Prerequisite: Demonstration of adequate musicianship and playing ability on a band instrument.

Jazz band consists of students in grades 9, 10, 11, and 12 who have had experience in band up to eighth grade. All concepts learned in the other bands are used in Jazz Band. Students learn how to perform a number of styles of music including swing, blues, Latin, and rock. Many performance opportunities are provided throughout the school year.

History of Rock N' Roll

Grade: 9, 10, 11, 12

Credit: 1.0 Fine Arts Credit

Non-weighted

Prerequisite: None

History of Rock N' Roll covers the many different eras of rock n' roll music. Different performers and music groups and their influence are discussed and studied.

Theatre Arts

Grade: 9, 10, 11, 12 Credit: 1.0 Fine Arts Credit

Non-weighted

Prerequisite: none

This elective course introduces students to activities and active learning based in an environment that opens the world of theatre as not only an art form, but also as a form of imaginative expression. Students are exposed to a variety of learning opportunities that will enable them to create, imagine, and evaluate theatre through lecture and hands-on activities. Students will also explore movement, theatre history, and beginning set design. Students are expected to participate in the production work for the school productions.

Art I

Grade: 9, 10, 11, 12

Credit: 1.0 Fine Arts Credit

Non-weighted

Prerequisite: None

Students will do drawing, painting, and design to learn the ideas, language, and techniques of the visual artist. Students will study examples of work by well-known artists through slides and videos. Students will develop art skills through a series of related assignments focusing on the elements of art. The principles of composition, drawing techniques, color theory; art history and criticism will be evaluated to determine level of mastery. Introduction in Art will create a foundation for further studies in fine arts and possibly a career in design technology, graphics, or commercial art.

Art II

Grade: 10, 11, 12

Credit: 1.0 Fine Arts Credit

Non-weighted

Prerequisite: None

This is an advanced art course. Students will further their knowledge in drawing, painting, and design to learn new ideas, language, and techniques of the visual artist. Students will study examples of work by well-known artists through slides and videos. Students will develop art skills through a series of related assignments focusing on the elements of art. The principles of composition, drawing techniques, color theory; art history and criticism will be evaluated to determine level of mastery. Art I is a prerequisite to this course.

Ceramics

Grade: 10, 11, 12

Credit: 1.0 Fine Arts Credit

Non-weighted

Prerequisite: Art I

Basic procedures and processes unique to pottery will be introduced, and skills in forming clay will be one of the outcomes of the course. High level thinking skills, divergent production, and art criticism will be included in the lessons. Developing the ability to make judgments about the aesthetic quality of pottery forms and mastery of the core concepts will be required.

Video Productions

Grade: 10, 11, 12

Credit: 1.0 Fine Arts Credit

Non-weighted

Prerequisite: None

Basic procedures and skills in videography will be introduced to students. Students will be required to produce several group and individual projects of varying styles throughout the year. Time will be required of students to video sporting events in the evenings.

PHYSICAL EDUCATION

Coed Fitness I

Grade: 9, 10, 11

Credit: 1.0 Physical Education Credit

Non-weighted

Prerequisite: None

The primary goal of this course is to increase the student's fitness level in the areas of cardiovascular conditions, strength, flexibility, and coordination while gaining a basic knowledge of the programs to attain this improvement. To accomplish this, students will participate in a wide variety of physical fitness activities, developmental games, and lifetime sports activities.

Boys Weight Training

Grade: 10, 11, 12

Credit: 0.5 Elective Credit

Non-weighted

Prerequisite: Coed Fitness I

The main components of this course include the following: weight training techniques, weight training safety, weight training styles, major muscle groups, and weight training as part of a total fitness program. This course is designed to encourage and educate students to use these activities beyond the present classroom environment and as part of a future fitness program.

Girls Weight Training

Grade: 10, 11, 12

Credit: 0.5 Elective Credit

Non-weighted

Prerequisite: Coed Fitness I

The main components of this course include the following: weight training techniques, weight training safety, weight training styles, major muscle groups, and weight training as part of a total fitness program. This course is designed to encourage and educate students to use these activities beyond the present classroom environment and as part of a future fitness program.

Team Sports

Grade 10, 11, 12

Credit: 0.5 Elective Credit

Non-weighted

Prerequisite: Coed Fitness I

This course is designed to allow students to participate in a wide variety of developmental games and lifetime sport activities.

Fitness for Life

Grade 10, 11, 12

Credit: 0.5 Elective Credit

Non-weighted

Prerequisite: Coed Fitness I

This course is designed for continued improvement of physical fitness. Course content includes: an understanding of the five components of fitness; cardiovascular endurance, muscular strength, muscular endurance, flexibility, and body composition/nutrition.

OTHER

Health

Grade: 9 Credit: 0.5 Health Credit

Non-weighted

Prerequisite: None

This is a required course.

The primary goal of health education is recognizing the uniqueness of the individual and the importance of a positive self-concept in helping the child reach his optimum potential. The units of study shall include: human body systems, male and female reproduction, pregnancy, stress management, nutrition, infectious disease, non-communicable disease, consumer rights and advertising, dating skills, health related fitness, drug education, injury prevention, and first aid.

College and Career Readiness

Grade: 9th grade only Credit: 0.5 Elective Credit

Non-weighted

Prerequisite: None

This is a required course.

This course will address the student's transition from middle to high school. Additionally, students will explore the career clusters and career paths identified by the state of Missouri. Students will leave this class with an identified career path and cluster. The student handbook/planner will be explored, with emphasis on time management and study skills. Additional units of study shall include finance and budgeting, character education, and stress management.

ACT Prep

Grade: 11th, 12th Credit: 0.5 Elective Credit

Non-weighted

Prerequisite: None

Why prep? Test scores are important. A good ACT score can open the door to more colleges and academic scholarships. Test prep is the most effective and efficient way to take your score higher and a higher score can mean more opportunities later. The following tools will help you get a higher score which will be provided through this ACT Prep class:

- Test-taking strategies
- Guided practice with hints and support
- Independent quizzes
- Proctored tests

Jefferson College Area Technical School

The following are courses at Jefferson College Area Technical School and are available for selected students in the 10th-12th grades.

JEFFERSON COLLEGE AREA TECHNICAL SCHOOL PROGRAM OFFERINGS

Students interested in programs offered by Jefferson College must complete the appropriate application. Applications may be picked up in the guidance office. Area Technical School programs begin during the sophomore, junior, or senior year of high school.

High School Level Career Programs include:

Building Repair Technology and Health Services Assistant

College Level Career Programs where students are earning both college and high school credit include:

Advanced Residential Carpentry
Automotive Technology, Business Management
Child Care/Early Childhood Education
Computer Aided Architectural Drafting
Computer Aided Design and Engineering
Culinary Arts
Digital Media Technology
Electronics
Heating, Refrigeration and Air Conditioning
Metal Fabrication
Residential Carpentry
Residential Wiring
Web Design and Computer Operations
Welding

****FOR MORE DETAILED INFORMATION ON THESE PROGRAMS SPEAK WITH THE COUNSELOR. A Jefferson College representative will be here in February to give a presentation and distribute applications. Jefferson College is in complete control of the selection of applicants and not the Herculaneum High School personnel.**

Freshmen Admission Requirements

University of Missouri – Columbia

4 units of English
4 units of Math (Algebra I or higher)
3 units of Science
3 units of Social Studies
1 unit of Fine Arts
2 units of Foreign Language
ACT/SAT required

Southeast Missouri State

4 units of English
3 units of Math (Algebra I or higher)
3 units of Science
3 units of Social Studies
1 unit of Visual or Performing Arts
3 units of Electives (Foreign Language or comb. of 2 or more areas above)
ACT/SAT required

Truman University

4 units of English
3 units of Math (4 are recommended)
3 units of Science
3 units of Social Studies
1 unit of Fine Arts
2 units of Foreign Language (same language)
ACT/SAT required

Missouri University of Science & Technology

4 units of English
4 units of Math (Algebra I or higher)
3 units of Science
3 units of Social Studies
1 unit of Fine Arts
2 units of Foreign Language (same language)
ACT/SAT require

Missouri State University

4 units of English
3 units of Math (Algebra I or higher)
3 units of Science
3 units of Social Studies
1 unit of Visual or Performing Arts
3 units of Electives (Foreign Language or comb. of 2 or more areas above)
ACT/SAT required

Saint Louis University

4 units of English

4 units of Math (Algebra I or higher)

3 units of Science

3 units of Social Studies

3 units Foreign Language

3 units Academic electives

ACT/SAT required

*December 1 deadline

University of Missouri – Saint Louis

4 units of English

4 units of Math (Algebra I or higher)

3 units of Science

3 units of Social Studies

1 unit of Fine Arts


2 units of Foreign Language (same language)

ACT/SAT required

Jefferson College

Open Enrollment

Math and English placement test or ACT scores


	NAME: _____ Learner ID: _____ College/School/University: _____
	ARTS & COMMUNICATION
	This Career Pathways Plan of Study can serve as a guide, along with other career planning materials, as Courses listed within this plan are only recommended coursework and should be individualized to meet goals. *This Plan of Study, used for learners at an educational institution, should be customized with college graduation requirements as well as college entrance requirements.

		GRADE	Language Arts	Math	Science	Social Studies/ Sciences	Other Required Courses Other Electives	Recommended Elective and Technical Course Major Course
		Interest Inventory Administered and Plan of Study Initiated for all Learners						
SE C O N D A R Y	9	Language Arts I	Dependent on Placement	Conceptual Physics	American History	REQUIRED: College & Career Readiness / Health / Physical Education	Art I / Art II Band / Choir Computer Applications Industrial Woods Tech I/II/III Foods Video Productions Area Technical School (ATS) - Digital Media, Culinary Arts	► Architecture Design ► Creative Writing ► Fashion Design ► Film ► Fine Arts Design ► Journalism ► Languages ► Radio / TV ► Advertising ► Public Relations
	10	Language Arts II		Chemistry	World History	RECOMMENDED: Spanish I		
	11	American Literature		Biology	Government	RECOMMENDED: Spanish II		

	C o l l e g e P l a c e m e n t A s s e s s m e n t s- A c a d e m i c/ C a r e e r A d v i s e m e n t P r o v i d e d							
	12	Langu age Arts IV or Colle ge Prep Englis h		<i>Elective</i>	<i>Elective</i>			
		Clubs & Activit es:	Thesbians, FCCLA, Speech, Yearbook					
		Possi ble Volun teer Activit ies:	Community Theatre, Church Choir, Radio / TV Station, Write for Local Newspaper, Sing National Anthem at Events					

		Articulation/ Dual Credit Transcripted- Postsecondary courses may be taken/ moved to the secondary level for articulation/ dual credit purposes.						
P O S T S E C O N D A R Y	Ye ar 13	English Composition English Literature	<i>Dependent on chosen pathway</i>	Chemistry	American Govt. Psychology	All plans of study need to meet learner's career goals with regard to required degrees, licenses, certifications or journey worker status. Certain local student organization activities may also be important to include.	Continue courses pertinent to the pathway selected.	
	Ye ar 14	Speech Oral Communication	Computer Applications	<i>Dependent on chosen pathway</i>	<i>Dependent on chosen pathway</i>			
	Ye ar 15	Continue courses in the area of specialization.						

	Year 16						
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	NAME: _____ Learner ID: _____ College/School/University: _____
	<i>BUSINESS MANAGEMENT & TECHNOLOGY</i>
This Career Pathways Plan of Study can serve as a guide, along with other career planning materials, as Courses listed within this plan are only recommended coursework and should be individualized to meet goals. *This Plan of Study, used for learners at an educational institution, should be customized with college graduation requirements as well as college entrance requirements.	

		GRADE	Language Arts	Math	Science	Social Studies/ Sciences	Other Required Courses Other Electives	Recommended Elective and Technical Course Degree Major Courses
		Interest Inventory Administered and Plan of Study Initiated for all Learners						
SECONDARY	9	Language Arts I	Dependent on Placement	Physical Science	American History	REQUIRED: College & Career Readiness / Health / Physical Education	Computer Applications I & II Accounting I & II Marketing Personal Finance Multi-Media Web Page Design Yearbook Business Law / Business Ethics	► Sales ► Entrepreneurship ► Marketing ► Computers ► Finance ► Accounting ► Personnel ► Economics ► Management
	10	Language Arts II		Chemistry	World History	RECOMMENDED: Spanish I		
	11	American Literature		Biology	Government	RECOMMENDED: Spanish II		

	C o l l e g e P l a c e m e n t A s s e s s m e n t s - A c a d e m i c/ C a r e e r A d v i s e m e n t P r o v i d e d							
	12	Langu age Arts IV or Colle ge Prep Englis h		<i>Elective</i>	<i>Elective</i>	RECOMM ENDED: Spanish III		
		Clubs & Activit es:	FBLA					
		Possi ble Volun teer Activit ies:	Junior Achievement; Sales Projects for Clubs; Fundraiser Activities for Charitable Causes/Organi zations					

		Articulation/ Dual Credit Transcripted- Postsecondary courses may be taken/ moved to the secondary level for articulation/ dual credit purposes.						
P O S T S E C O N D A R Y	Ye ar 13	English Composition English Literature	<i>Dependent on chosen pathway</i>	Chemistry	American Govt. Psychology	All plans of study need to meet learner's career goals with regard to required degrees, licenses, certifications or journey worker status. Certain local student organization activities may also be important to include.	Continue courses pertinent to the pathway selected.	
	Ye ar 14	Speech Oral Communication	Computer Applications	<i>Dependent on chosen pathway</i>	<i>Dependent on chosen pathway</i>			
	Ye ar 15	Continue courses in the area of specialization.						

	Year 16							
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	NAME: _____ Learner ID: _____ College/School/University: _____
	HEALTH SERVICES
	This Career Pathways Plan of Study can serve as a guide, along with other career planning materials, as Courses listed within this plan are only recommended coursework and should be individualized to meet goals. *This Plan of Study, used for learners at an educational institution, should be customized with college graduation requirements as well as college entrance requirements.

		GRADE	Language Arts	Math	Science	Social Studies/ Sciences	Other Required Courses Other Electives	Recommended Elective and Technical Course Degree Major Course
		Interest Inventory Administered and Plan of Study Initiated for all Learners						
SECONDARY	9	Language Arts I	Dependent on Placement	Physical Science	American History	REQUIRED: College & Career Readiness / Health / Physical Education	Anatomy & Physiology AP Biology Psychology Computers I & II Weight Training Contemporary Issues Foods Area Technical School (ATS) Health Program	<ul style="list-style-type: none"> ► Related to Promotion of Treatment of Disease ► Research ► Prevention ► Treatment & Related Treatment
	10	Language Arts II		Chemistry	World History	RECOMMENDED: Spanish I		
	11	American Literature		Biology	Government	RECOMMENDED: Spanish II		

	C o l l e g e P l a c e m e n t A s s e s s m e n t s - A c a d e m i c/ C a r e e r A d v i s e m e n t P r o v i d e d							
	12	Langu age Arts IV or Colle ge Prep Englis h		<i>Elective</i>	<i>Elective</i>			
		Clubs & Activit es:	HYPER					
		Possi ble Volun teer Activit ies:	Hospital Volunteer, Red Cross, Donate Blood, Food Service Advisory Board Member, Nurse/Pharmac ist (Job Shadow)					

		Articulation/ Dual Credit Transcripted- Postsecondary courses may be taken/ moved to the secondary level for articulation/ dual credit purposes.						
P O S T S E C O N D A R Y	Ye ar 13	English Composition English Literature	<i>Dependent on chosen pathway</i>	Chemistry	American Govt. Psychology	All plans of study need to meet learner's career goals with regard to required degrees, licenses, certifications or journey worker status. Certain local student organization activities may also be important to include.	Continue courses pertinent to the pathway selected.	
	Ye ar 14	Speech Oral Communication	Computer Applications	<i>Dependent on chosen pathway</i>	<i>Dependent on chosen pathway</i>			
	Ye ar 15	Continue courses in the area of specialization.						

	Year 16						
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	NAME: _____ Learner ID: _____ College/School/University: _____
	HUMAN SERVICES
	This Career Pathways Plan of Study can serve as a guide, along with other career planning materials, as Courses listed within this plan are only recommended coursework and should be individualized to meet goals. *This Plan of Study, used for learners at an educational institution, should be customized with college graduation requirements as well as college entrance requirements.

		GRADE	Language Arts	Math	Science	Social Studies/ Sciences	Other Required Courses Other Electives	Recommended Elective and Technical Course Degree Major Courses
		Interest Inventory Administered and Plan of Study Initiated for all Learners						
SECONDARY	9	Language Arts I	Dependent on Placement	Physical Science	American History	REQUIRED: College & Career Readiness / Health / Physical Education	Child Development / Parenting Foods Psychology Computers I & II AP Government Weight Training AP American History Area Technical School (ATS) Health Program	► Related to Economic, Political, Social Systems ► Educational Systems ► Government ► Law & Law Enforcement ► Recreation & Leisure ► Religion ► Health Care ► Personal Services
	10	Language Arts II		Chemistry	World History	RECOMMENDED: Spanish I		
	11	American Literature		Biology	Government	RECOMMENDED: Spanish II		

	C o l l e g e P l a c e m e n t A s s e s s m e n t s- A c a d e m i c/ C a r e e r A d v i s e m e n t P r o v i d e d							
	12	Langu age Arts IV or Colle ge Prep Englis h		<i>Elective</i>	<i>Elective</i>	RECOMME NDED: Spanish III		
		Clubs & Activit es:	Sports, Student Council, Class Officer, FCCLA, HYPER, A+ Program					
		Possi ble Volun teer Activit ies:	Work for Political Campaigns, Day Care, Teacher Aide, YMCA Volunteer, Scouts, Junior					

			Achievement, A+ Tutor					
		Articulation/ Dual Credit Transcripted- Postsecondary courses may be taken/ moved to the secondary level for articulation/ dual credit purposes.						
P O S T S E C O N D A R Y	Ye ar 13	Englis h Comp ositio n Englis h Literat ure	<i>Dependent on chosen pathway</i>	Chemistry	American Govt. Psychology	All plans of study need to meet learner's career goals with regard to required degrees, licenses, certifications or journey worker status. Certain local student organization activities may also be important to include.	Continue courses pertinent to the pathway selected.	
	Ye ar 14	Spee ch Oral Com munic ation	Computer Applications	<i>Dependent on chosen pathway</i>	<i>Dependent on chosen pathway</i>			
	Ye ar 15	Conti nue cours es in the area of speci						

		alizati on.						
	Ye ar 16							


	NAME: _____ Learner ID: _____ College/School/University: _____
	INDUSTRIAL & ENGINEERING TECHNOLOGY
	This Career Pathways Plan of Study can serve as a guide, along with other career planning materials, as Courses listed within this plan are only recommended coursework and should be individualized to meet goals. *This Plan of Study, used for learners at an educational institution, should be customized with college graduation requirements as well as college entrance requirements.

		GRADE	Language Arts	Math	Science	Social Studies/ Sciences	Other Required Courses Other Electives	Recommended Elective and Technical Course Degree Major Courses
		Interest Inventory Administered and Plan of Study Initiated for all Learners						
SE C O N D A R Y	9	Language Arts I	Dependent on Placement	Physical Science	American History	REQUIRED: College & Career Readiness / Health / Physical Education	Computers I & II Exploration of Tech Industrial Woods Tech I/II/III Art I & II Area Technical School (ATS) Electronics, Computer-Aided Drafting, Auto Tech, Welding, Residential Carpentry, Residential Wiring	► Related to Design, Development, Installation, and Maintenance of Physical Systems ► Engineering ► Manufacturing ► Construction ► Related Technicians
	10	Language Arts II		Chemistry	World History	RECOMMENDED: Geometry,		

						Spanish I		
	11	American Literature		Biology	Government	RECOMMENDED: Spanish II		
	College Placement Assessments-Academic/Career Advisement Provided							
	12	Language Arts IV or College Prep English		<i>Elective</i>	<i>Elective</i>	RECOMMENDED: Spanish III		
		Clubs & Activities:	Yearbook					

		Possible Volunteer Activities:	Maintenance & Repairing Small Appliances, Automobiles, or Computers					
		Articulation/ Dual Credit Transcribed- Posts econd ary courses may be taken/ moved to the secon dary level for articulation/ dual credit purposes.						
	P O S T S E C O N D A R Y	Ye ar 13 Englis h Comp ositio n Englis h Literat ure	<i>Dependent on chosen pathway</i>	Chemistry	American Govt. Psychology	All plans of study need to meet learner's career goals with regard to required degrees, licenses, certifications or journey worker status. Certain local student organization activities may also be important to include.	Continue courses pertinent to the pathway selected. Consider Jefferson College Program, or similar program.	
		Ye ar 14 Spee ch Oral Com munic ation	Computer Applications	<i>Dependent on chosen pathway</i>	<i>Dependent on chosen pathway</i>			
		Ye ar 15 Conti nue cours						

		es in the area of speci alizati on.						
	Ye ar 16							

	NAME: _____ Learner ID: _____ College/School/University: _____
	NATURAL RESOURCES
	This Career Pathways Plan of Study can serve as a guide, along with other career planning materials, as Courses listed within this plan are only recommended coursework and should be individualized to meet goals. *This Plan of Study, used for learners at an educational institution, should be customized with college graduation requirements as well as college entrance requirements.

		GRA DE	Language Arts	Math	Science	Social Studies/ Sciences	Other Required Courses Other Electives	Recommended Elective and Technical Course Degree Major Co
		Inter est Invent ory Admi nister ed and Plan of Study Initiat ed for all Learn ers						
S E C O N D A R Y	9	Lang uage Arts I	Dependent on Placement	Physical Science	American History	REQUIRED: College & Career Readiness / Health / Physical Education	Computer Applications I & II AP Biology Zoology Chemistry II Biochemistry	► Related to Agriculture, Food & Natural Resources ► Agriculture Science ► Environmental Science ► Earth Science ► Forestry ► Wildlife
	10	Lang uage Arts II		Chemistry	World History	RECOMME NDED: Geometry,		

						Spanish I		
	11	American Literature		Biology	Government	RECOMMENDED: Spanish II		
	College Placement Assessments-Academic/Career Advisement Provided							
	12	Language Arts IV or College Prep English		<i>Elective</i>	<i>Elective</i>	RECOMMENDED: Spanish III		
		Clubs & Activities:	Outdoor Activities					

		Possible Volunteer Activities:	Adopt-A-Highway or River, Florist, Parks, Botanical Gardens, Zoo, Veterinary, Animal Shelter					
		Articulation/ Dual Credit Transcribed- Posts econd ary courses may be taken/ move d to the secon dary level for articul ation/ dual credit purpo ses.						
	P O S T S E C O N D A R Y	Ye ar 13 Englis h Comp ositio n Englis h Litera ture	<i>Dependent on chosen pathway</i>	Chemistry	American Govt. Psychology	All plans of study need to meet learner's career goals with regard to required degrees, licenses, certifications or journey worker status. Certain local student organization activities may also be important to include.	Continue courses pertinent to the pathway selected. Consider Jefferson College Program, or similar program.	
		Ye ar 14 Spee ch Oral Com munic ation	Computer Applications	<i>Dependent on chosen pathway</i>	<i>Dependent on chosen pathway</i>			
		Ye ar 15 Conti nue cours						

		es in the area of speci alizati on.						
	Ye ar 16							

HERCULANEUM HIGH SCHOOL

Personal Plan of Study

Student Name: _____ Anticipated Graduation Year: _____

Career Path: _____ Career Cluster: _____

CAT Time Teacher: _____

COURSE SELECTIONS

Freshman Year

1. Language Arts I
2. Math _____
3. Conceptual Physics
4. American History
5. Coed Fitness
6. College & Career Readiness/Health
7. _____

Sophomore Year

1. Language Arts II
2. World History
3. Chemistry
4. Math _____
5. _____
6. _____
7. _____

Subject	General Diploma	College Prep Diploma	09	10	11	12
English	4	4				
Math	3	4***				
Science	3	4**				
Social Studies	3	3				
Physical Education	1	1				
Practical Arts	1	1				
Fine Arts	1	1				
Personal Finance	0.5	0.5				
Health	0.5	0.5				
Foreign Language		2*				

Electives	7	7				
Total	24	25				

Junior Year

1. Language Arts: _____
2. Government _____
3. Biology _____
4. Math _____
5. Personal Finance/ _____
6. _____
7. _____

*2 units of foreign language are recommended

**Chemistry must be one of the four

***Math credits must be Algebra I or higher

Senior Year

1. Language Arts: _____
2. Math _____
3. _____
4. _____
5. _____
6. _____
7. _____

Initial Parent Signature of Approval Date

Sophomore Yr. Signature of Approval Date

Junior Yr. Parent Signature of Approval Date

Senior Yr. Parent Signature of Approval Date

(parent/guardian signature of approval are required yearly)

Post High School Plans: _____

Herculaneum High School

A+ Participation Agreement

I, _____, have been fully informed and understand that in order to be eligible for the financial incentives offered by the State of Missouri's A+ Schools Program, I must meet the following requirements.

1. **Attend the designated A+ School for three (3) consecutive years prior to graduation.**
2. **Graduate from high school with a non-weighted grade point average of 2.50 or higher on a 4.00 scale.**
3. **Must score "PROFICIENT" on Algebra I End of Course Exam (EOC), or complete one semester (12 hours minimum) at a postsecondary school with a 2.5 GPA.**
4. **Have at least a 95% attendance record for the four years of high school.**
5. **Perform fifty (50) hours of unpaid tutoring or mentoring, up to 25% of which may be job shadowing.**
6. **Maintain a record of good citizenship and avoid the unlawful use of drugs/alcohol.**
7. **Make a good faith effort to first secure all available postsecondary financial assistance funds that do not require repayment.***
8. **Males 18 years of age must sign up with the Selective Service.**

Be it understood that in exchange for meeting or exceeding the stated criteria that the above named student may be eligible for reimbursement as established in the Outstanding Schools Act of 1993.** Said reimbursements are the responsibility of the Missouri General Assembly and the Department of Elementary and Secondary Education and not the Dunklin R-V School District.*** Reimbursements are described as:

The cost of tuition and general fees subject to legislative appropriation to any public community college, vocational, or technical school in the State of Missouri for eligible students that have made a good faith effort to secure all available sources that can be applied. The period of eligibility shall be for a period of two years during the four-year period immediately following graduation. To maintain eligibility (after graduation), each participating student, during the four-year period of incentive availability, must:

1. have enrolled and attended on a full-time basis a Missouri public community college or vocational-technical school; and
2. maintain a grade point average of 2.50 points or higher on a 4.00 scale.

☐ I **WILL** be participating in the A+ Schools Financial Incentive Program.

☐ I **WILL NOT** be participating in the A+ Schools Financial Incentive Program.

Student Signature

Date

Student's Social Security #

Parent/Guardian Signature

Date

A+ Coordinator: _____

HS Principal: _____

*The tuition incentive may be made available only after the student has made a documented good faith effort to first secure all available federal postsecondary student financial assistance funds that do not require repayment. The tuition incentive may only be made available to reimburse the unpaid balance of the cost of tuition and general fees subject to legislative appropriation.

** Eligibility requirements and reimbursement amounts may be subject to change by the State of Missouri.

*** The student financial incentive program is dependent upon Herculaneum High School maintaining designation as an A+ School and state appropriations from the Missouri General Assembly.