

Ladue Horton Watkins High School Scheduling Handbook 2023-2024



A COPY OF THIS HANDBOOK IS AVAILABLE THROUGH THE
HIGH SCHOOL WEB PAGE AT:
[HTTPS://WWW.LADUESCHOOLS.NET/LHWHS](https://www.ladueschools.net/lhwhs)

Notice of Nondiscrimination

It is the policy of the Ladue School District not to discriminate on the basis of race, color, national origin, ancestry, religion, socioeconomic status, marital status, sex, sexual orientation, disability, age or any other characteristic protected by law in its programs or employment practices as required by Title VI and VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975, and Title II of the Americans with Disabilities Act of 1990. In addition, the School District provides equal access to the Boy Scouts of America and other designated youth groups.

Any person having inquiries concerning the Ladue School District's compliance with the laws and regulations implementing Title VI of the Civil Rights Act of 1964 (Title VI), Title IX of the Education Amendments of 1972 (Title IX), the Age Discrimination Act, Section 504 of the Rehabilitation Act of 1973 (Section 504), Title II of the Americans with Disabilities Act of 1990 (ADA), or the Boy Scouts of America Equal Access Act is directed to the respective Compliance Coordinator listed below, who oversees the Ladue School District's efforts to comply with the laws and regulations implementing the laws and regulations cited above.

The Ladue School District has established grievance procedures for anyone unable to resolve problems arising under the statutes above. The Ladue School District's Compliance Coordinator will provide information regarding those procedures upon request.

Any person who is unable to resolve a problem or grievance arising under any of the laws and regulations cited above may contact the Office for Civil Rights, Region VII, One Petticoat Lane 1010 Walnut Street, Suite 320, Kansas City, MO 64106; telephone (816) 268-0550; email OCR.KansasCity@ed.gov.

COMPLIANCE COORDINATORS

Personnel and Other Adults: Dr. Julie Helm, Assistant Superintendent for Human Resources
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Ladue Horton Watkins High School

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Dear Families,

This Scheduling Handbook is an important tool for students and parents to use in planning course selections for next year. This handbook provides course descriptions and course prerequisites, along with information regarding four-year high school program planning, graduation requirements, and college entrance requirements.

In addition to this handbook, students and parents should work with counselors and teachers to make the appropriate decisions regarding course selections. Counselors have information regarding courses that may help students explore their interests to prepare them for education and careers beyond high school.

Please be aware that student requests and alternate course choices should be made with great care. Our schedule is developed based on these requests. Students will receive a copy of their course requests to review prior to our populating the master schedule. Students wishing to change a request need to do so in the appointed time frames. Once the master schedule is created, changes in student schedules are made only to balance classes or to meet very specific individual student concerns. For informational purposes, a copy of the schedule change protocol and the calendar for withdrawing from a class can be found in this handbook.

Sincerely,

The Administrative and Counseling Teams

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Planning for High School

Ladue Horton Watkins High School Graduation Requirements

The Ladue Board of Education requires 25.00 credits for graduation. The credits must be earned in the following areas:

SUBJECT AREA	GRADUATION CREDIT REQUIREMENTS	COURSES
English	4	All English, Intro. to Journalistic Writing, Design, and Leadership
Social Studies	3	US History US Government & Politics (including passing the Missouri & US Constitution exams)
Mathematics	3	All Mathematics
Science	3	All Sciences
Practical Arts	1	All Practical Arts
Visual and Performing Arts	1	All Visual and Performing Arts
Personal Finance (class or assessment)	.5	Personal Finance, Investment Strategies (and pass PF assessment), or AP Microeconomics (and pass PF assessment) Sophomore standing or higher
Physical Education	1	Two semesters, one required in Grade 9
Health	.5	Required in Grade 9, CPR certification required
Electives	8	Additional Electives or Student Support Services or a course in any subject area above the requirements
TOTAL	25	

Ladue Horton Watkins High School Four-Year Plan

Name _____

Date _____

Extra-Curricular Activities _____

	9	10	11	12
English *4 credits	English 9	Composition/ Literary Analysis or Adv. Lit. Analysis	2 semester courses AP English Language AP English Literature	2 semester courses AP English Language AP English Literature
Math *3 credits	Algebra I Geometry Advanced Geometry Advanced Algebra II	Algebra I Geometry Algebra II Advanced Algebra II Pre-Calculus Advanced Pre-Calculus	Algebra II Concepts Algebra II Pre-Calculus Calculus Advanced Pre-Calculus AP Calculus AB or BC Data, Probability, & Statistics	Algebra II Concepts Pre-Calculus Calculus AP Statistics AP Calculus AB or BC Calculus III Data, Probability, & Statistics
Science *3 credits	Biology Advanced Biology	Chemistry Adv. Chemistry 2 semester courses	Chemistry Physics 2 semester courses AP science	Physics 2 semester courses AP science
Social Studies *3 credits	World History and Geography	Year Long Courses AP World History AP European History	Year Long Courses AP course *US History or *AP US History	*Govt. and Politics and 1 semester course AP Government
World Lan- guage	Level ____	Level ____	Level ____	Level ____
Electives				

High School Graduation Requirements*

4 credits English
 3 credits Math
 3 credits Science
 3 credits Social Studies
 1 credit PE
 1 credit Visual and Performing Arts
 1 credit Practical Arts
 .5 credit Health
 .5 credit Personal Finance or PF assessment

Suggested College Requirements

4 credits English
 4 credits Math
 4 credits Science
 4 credits Social Studies
 2 credits World Language

*Required course or credit specifications for graduation

Course Placement for Incoming 9th Graders

English

All ninth grade students are expected to take English 9 or appropriate alternative as determined by eighth grade teams.

Mathematics

Students are placed in courses for which they have met the prerequisites. Should a placement change due to a 4th quarter grade, the teacher will communicate the change to the parent. Students wishing to have their placement re-considered should complete a Math Placement Override Request Form, available from their classroom teacher. These are due to Dr. Beth Rapoff, brapoff@ladueschools.net, Associate Principal at Ladue Horton Watkins High School, by the date posted on the form.

8 th Grade Course Name	Grade Earned	9 th Grade Course Name
Advanced Geometry	A or B in all quarters C or D in any quarter F in any quarter	Advanced Algebra II Algebra II Repeat Geometry (not Advanced Geometry)
Algebra I	A or B in all quarters & taking all but 2 of advanced tests A or B in all quarters & taking regular tests and/or electing not to take 3 or more of advanced tests A or B or C (in 1 quarter) C (in 2 or more quarters) or D or F in 1 quarter	Advanced Geometry Geometry Geometry Algebra I
Math 8	A or B or C in all quarters D or F in any quarter	Algebra I Topics in Algebra and Algebra I
Math 8M or Equivalent	Placement determined by eighth grade teams	Placement determined by eighth grade teams

Science

Most ninth-grade students will take Biology or Advanced Biology. There are no prerequisites for ninth grade enrollment in Biology. The prerequisites for ninth grade Advanced Biology are an "A" or "B" in eighth grade science for all four quarters and completion of summer packet.

World Languages

All eighth-grade students taking French or German and earning a C or higher should enroll in level 2 of that language in the ninth grade. Students taking Spanish are placed into level 2 or 3 according to successful completion of their middle school Spanish course. An eighth grader who receives a "D" grade in the language of study should start a different language in ninth grade or may choose to repeat level 1.

Social Studies

Most ninth-grade students will take World History and Geography.

If you are not enrolled in English 9, it is recommended that you delay enrollment in at least one (1) other core course (Biology, World History and Geography and/or a World Language) until later on in high school.

Curriculum Expectations for College

I. University Of Missouri: Columbia, Science and Technology, St. Louis, Kansas City

Credits

- 4 English
- 4 Mathematics (algebra and higher)
- 3 Social Studies
- 3 Science (not including general sciences); one must be a lab
- 2 Foreign Language
- 1 Fine Art

II. Other Missouri Public Universities

Credits

- 4 English
- 3 Mathematics (algebra and higher)
- 3 Social Studies
- 3 Science
- 1 Fine Art

III. Highly Selective Colleges:

Examples:

Ivy League Schools, Bowdoin, Emory, Georgetown, Pomona, Washington University in St. Louis, University of Michigan, University of North Carolina

Credits

- 4 English
- 4 Mathematics (algebra and higher)
- 4 Social Studies
- 4 Science
- 4 Foreign Language

IV. Selective Colleges

Examples:

University of Wisconsin, University of Georgia, The Ohio State University, Spelman College, Morehouse College, George Washington University

Credits

- 4 English
- 4 Mathematics (algebra and higher)
- 3-4 Social Studies
- 3 Science
- 2-3 Foreign Language

V. Less Selective Colleges

Examples:

Southern Illinois-Carbondale, Western Illinois University, University of Mississippi, University of Kansas, University of Arkansas

Credits

- 4 English
- 3 Mathematics (algebra and higher)
- 3 Social Studies
- 2 Science
- 3 Additional core (2 foreign language recommended)

** The above listed curriculum expectations are suggestions. Following these suggestions does not guarantee admission to any of the above institutions. For additional information and specific questions regarding curriculum expectations, please consult with the College and Career Office.*

LHWHS Students, the NCAA, and Athletic Eligibility

The National Collegiate Athletic Association (NCAA) Eligibility Center is an organization that makes rules regarding student athlete eligibility for Division I and Division II colleges and universities. These rules include academic standards related to high school courses, high school core GPA, and standardized test scores. Other student-athlete options not governed by the NCAA Eligibility Center include Division III schools and member institutions of the National Association of Intercollegiate Athletics (NAIA).

Student-athletes at Division III colleges and universities are subject to the same admission standards, academic standards, housing, and support services as the general student body. These institutions do not award athletically-related financial aid.

The NAIA (playnaia.org) has no specific course requirements. However, students must meet two of the following three requirements:

- An ACT composite score of 18 or an SAT score of 860 (Critical Reading + Math)
- A high school GPA of 2.0 on a 4.0 scale
- Graduate in the top half of the class

1. Current Ladue courses not accepted for NCAA Eligibility:

Film Analysis, Algebra II Concepts, Topics in Algebra, German III on Stage, Introduction to Journalistic Writing, Design, and Leadership; Foundations of English I-IV, Foundations of Math I-IV, Fundamentals of English 9, Fundamentals of Writing/Text Analysis, Fundamentals of Topics in Algebra, Fundamentals of Geometry, Fundamentals of Algebra I, Fundamentals of Consumer Math, Foundations of Science, Foundations of American History, and Foundations of Civics, Aerospace Engineering, Computer Science Essentials, Computer Science Principles, Cybersecurity, Digital Electronics.

The NCAA Eligibility Center has determined that these courses either are taught below the regular level at Ladue Horton Watkins High School or do not meet their definition of a core course.

If you are an aspiring NCAA Division I or II athlete and have taken, or are currently enrolled in one or more of the above courses, please see your counselor or your college and career advisor to discuss options. Please note that this information applies only to aspiring Division I or Division II college athletes since these courses do not meet requirements for graduation and college admission.

2. How to calculate cumulative GPA NCAA-Style

The cumulative GPA on the Ladue transcript is not the GPA the NCAA uses. The Ladue GPA includes all of the courses taken (including fine arts, physical education, etc.). The NCAA is interested only in the 16 Core Courses as defined by the NCAA. In addition, Ladue calculates cumulative GPA with values that are higher than the NCAA.

Grade	H	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F
Ladue Points	4.0	4.0	4.0	3.7	3.3	3.0	2.7	2.3	2.0	1.7	1.3	1.0	0
NCAA Points	4.0	4.0	4.0	3.0	3.0	3.0	2.0	2.0	2.0	1.0	1.0	1.0	0

3. The NCAA sliding scale

The NCAA has minimum standards for students who want to compete at a Division I or Division II school. They have developed a sliding scale based on the 16-Core Course GPA and the SAT or ACT score. The ACT Sum Score is not the ACT Composite Score. The Composite is the average of the four sub-scores (English, Reading, Math, Science). The Sum Score is simply the sum of these sub-scores.

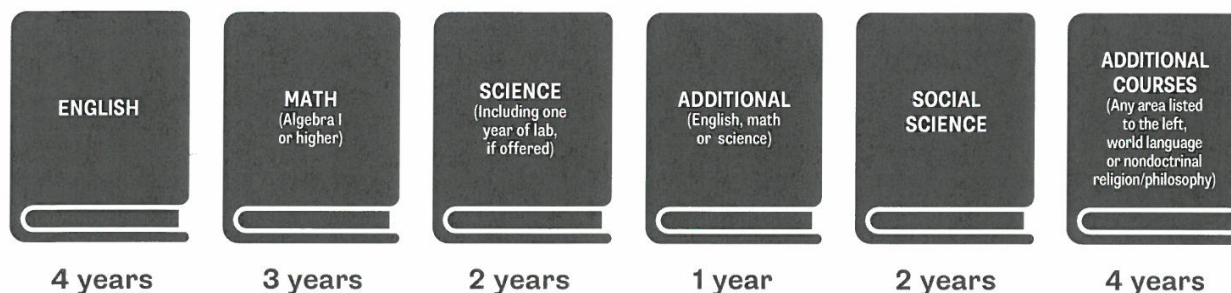
Some reference information that is accurate based on the date of publication of this handbook follows on the next 4 pages. The most updated information regarding NCAA eligibility requirements can also be found on the NCAA Eligibility Center's website.

If you work hard in the classroom for four years and plan ahead, you can be eligible to play college athletics if that is your goal.

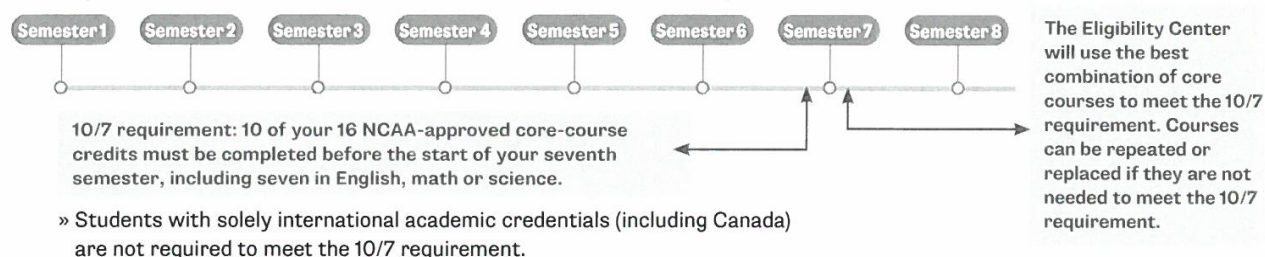
DIVISION I ACADEMIC STANDARDS

Division I schools require college-bound student-athletes to meet academic standards for NCAA-approved core courses, core-course GPA and test scores. To be eligible to practice, compete and receive an athletics scholarship in your first full-time year at a Division I school, you must meet all of the following requirements:

1. Earn 16 NCAA-approved core-course credits in the following areas:



2. Complete 10 of your 16 NCAA-approved core-course credits, including seven in English, math or science, before the start of the seventh semester. Once you begin your seventh semester, any course that is needed to meet the 10/7 requirement cannot be replaced or repeated.



3. Complete your 16 NCAA-approved core-course credits in eight academic semesters or four consecutive academic years from the start of ninth grade. If you graduate from high school early, you still must meet core-course requirements.
4. Earn a corresponding test score that matches your core-course GPA (minimum 2.3) on the Division I sliding scale (see page 22).* More information regarding the impact of COVID-19 and test scores can be found at on.ncaa.com/COVID19_Spring2023.
5. Submit your final transcript with proof of graduation to the Eligibility Center.

How to plan your high school courses to meet the 16 core-course requirement:

$$4 \times 4 = 16$$

9th
GRADE

- (1) English
- (1) Math
- (1) Science
- (1) Social Science and/or additional

4 CORE COURSES

10th
GRADE

- (1) English
- (1) Math
- (1) Science
- (1) Social Science and/or additional

4 CORE COURSES

11th
GRADE

- (1) English
- (1) Math
- (1) Science
- (1) Social Science and/or additional

4 CORE COURSES

12th
GRADE

- (1) English
- (1) Math
- (1) Science
- (1) Social Science and/or additional

4 CORE COURSES

ACADEMIC CERTIFICATION DECISIONS

For Academic and Amateurism Certification accounts, an academic certification will be conducted to determine if you meet Division I academic standards. Academic certifications are required for all college-bound student-athletes planning to compete at a Division I school. (An amateurism certification is also required, and is included as part of an Academic and Amateurism Certification account; see page 28.) The following items are required to complete your academic certification:

- » Official transcripts from **all** high schools attended.
- » Test scores. More information regarding the impact of COVID-19 and test scores can be found at on.ncaa.com/COVID19_Spring2023.
- » Final official transcript with proof of graduation.
- » No open academic tasks in your NCAA Eligibility Center Certification account (see page 13).
- » Be on a Division I school's institutional request list.

Being placed on a Division I institutional request list means you are being recruited and notifies the Eligibility Center to complete an academic evaluation for you after all of your required documents have been submitted.

If you are being recruited by a Division I school, below are the most common decisions you may receive once a certification has been completed.

EARLY ACADEMIC QUALIFIER

If you meet specific criteria after six semesters of high school, you may be deemed an early academic qualifier for Division I and may practice, compete and receive an athletics scholarship during your first year of full-time enrollment. To be an early academic qualifier, you will need:

- » A minimum SAT combined score (math and critical reading) of 980 or ACT sum score of 75.
- » A **core-course GPA** of 3.0 or higher in a minimum of 14 NCAA-approved core-course credits in the following areas:
 - Three years of English.
 - Two years of math.
 - Two years of science.
 - Two additional years of English, math or science.
 - Five additional core courses in any area.

A final high school transcript must be submitted to the Eligibility Center after high school graduation for all early academic qualifiers.

QUALIFIER

You may practice, compete and receive an athletics scholarship during your first year of full-time enrollment at an NCAA Division I school.

ACADEMIC REDSHIRT

You may practice during your first regular academic term and receive an athletics scholarship during your first year of full-time enrollment but may **NOT** compete during your first year of enrollment. You must pass either eight quarter or nine semester hours to practice in the next term.

NONQUALIFIER

You will not be able to practice, compete or receive an athletics scholarship during your first year of enrollment at a Division I school.

WHAT IF I DON'T GRADUATE ON TIME?

In Division I, if you do not graduate on time (in four years/eight semesters), the Eligibility Center will still use your grades and coursework for the first four years/eight semesters for your certification. You will still need to provide proof of graduation (once you graduate) and you may not use any coursework taken after your high school graduation toward your certification.

WHAT IF I DON'T MEET DIVISION I STANDARDS?

If you have not met all of the Division I academic standards, you may not compete in your first year at a Division I school.

However, if you qualify as an academic redshirt, you may practice during your first term in college and receive an athletics scholarship for the entire year.

To qualify as an academic redshirt, you must:

- » Earn 16 NCAA-approved core-course credits.
- » Earn a corresponding test score that matches your core-course GPA (minimum 2.0) on the Division I sliding scale (see page 22).
- » Submit your final transcript with proof of graduation to the Eligibility Center.

COURSES TAKEN AFTER HIGH SCHOOL

For Division I, only courses completed in your first eight semesters will be used in your academic certification. If you graduate from high school on time (in eight semesters) with your incoming ninth-grade class, you may use one core-course unit completed in the year after graduation (summer or academic year) and before enrolling full time at any college or university. You may complete the core course at a location other than the high school from which you graduated as long as the course is taken prior to full-time enrollment at any college or university.

A college course taken after high school graduation may be used toward your initial eligibility and awarded 0.5 units from

your college transcript (unless awarded one full unit on your home high school transcript). It must appear on your home high school transcript with grade and credit.

An additional core-course unit taken after on-time high school graduation cannot replace a course used to meet the core-course progression (10/7) requirement, but an additional core course after on-time graduation may replace one of the remaining six core-course units necessary to meet core-course requirements. For more information on the impact of COVID-19 and initial-eligibility requirements, visit on.ncaa.com/COVID19_Spring2023.

DIVISION I SLIDING SCALE

Division I uses a sliding scale to match your test score(s) and core-course GPA to determine eligibility. The sliding scale balances your test score with your core-course GPA. Find more information about test scores on page 15 or visit ncaa.org/test-scores. More information regarding the impact of COVID-19 and test scores can be found at on.ncaa.com/COVID19_Spring2023.

DIVISION I QUALIFIER SLIDING SCALE					
Core GPA	SAT*	ACT Sum*	Core GPA	SAT*	ACT Sum*
3.550	400	37	2.750	810	59
3.525	410	38	2.725	820	60
3.500	430	39	2.700	830	61
3.475	440	40	2.675	840	61
3.450	460	41	2.650	850	62
3.425	470	41	2.625	860	63
3.400	490	42	2.600	860	64
3.375	500	42	2.575	870	65
3.350	520	43	2.550	880	66
3.325	530	44	2.525	890	67
3.300	550	44	2.500	900	68
3.275	560	45	2.475	910	69
3.250	580	46	2.450	920	70
3.225	590	46	2.425	930	70
3.200	600	47	2.400	940	71
3.175	620	47	2.375	950	72
3.150	630	48	2.350	960	73
3.125	650	49	2.325	970	74
3.100	660	49	2.300	980	75
3.075	680	50	2.299	990	76
3.050	690	50	2.275	990	76
3.025	710	51	2.250	1000	77
3.000	720	52	2.225	1010	78
2.975	730	52	2.200	1020	79
2.950	740	53	2.175	1030	80
2.925	750	53	2.150	1040	81
2.900	750	54	2.125	1050	82
2.875	760	55	2.100	1060	83
2.850	770	56	2.075	1070	84
2.825	780	56	2.050	1080	85
2.800	790	57	2.025	1090	86
2.775	800	58	2.000	1100	86

ACADEMIC REDSHIRT

DIVISION I WORKSHEET

This worksheet is provided to assist you in monitoring your progress in meeting NCAA initial-eligibility standards. The NCAA Eligibility Center will determine your academic status after you graduate. Remember to check your high school's list of NCAA-approved core courses for the classes you have taken or plan to take.

Use the following scale: A = 4 quality points; B = 3 quality points; C = 2 quality points; D = 1 quality point.

ENGLISH (4 YEARS REQUIRED)						
10/7	COURSE TITLE	CREDIT	X	GRADE	=	QUALITY POINTS (MULTIPLY CREDIT BY GRADE)
✓	Example: English 9	0.5		4		(0.5 x 4) = 2
						0.0
						0.0
						0.0
						0.0
TOTAL ENGLISH CREDITS		0.0				TOTAL QUALITY POINTS 0.0
MATH (3 YEARS REQUIRED)						
10/7	COURSE TITLE	CREDIT	X	GRADE	=	QUALITY POINTS (MULTIPLY CREDIT BY GRADE)
✓	Example: Algebra I	1.0		3		(1.0 x 3) = 3
						0.0
						0.0
						0.0
TOTAL MATH CREDITS		0.0				TOTAL QUALITY POINTS 0.0
SCIENCE (2 YEARS REQUIRED)						
10/7	COURSE TITLE	CREDIT	X	GRADE	=	QUALITY POINTS (MULTIPLY CREDIT BY GRADE)
						0.0
						0.0
TOTAL SCIENCE CREDITS		0.0				TOTAL QUALITY POINTS 0.0
ADDITIONAL YEAR IN ENGLISH, MATH OR SCIENCE (1 YEAR REQUIRED)						
10/7	COURSE TITLE	CREDIT	X	GRADE	=	QUALITY POINTS (MULTIPLY CREDIT BY GRADE)
						0.0
TOTAL ADDITIONAL CREDITS		0.0				TOTAL QUALITY POINTS 0.0
SOCIAL SCIENCE (2 YEARS REQUIRED)						
10/7	COURSE TITLE	CREDIT	X	GRADE	=	QUALITY POINTS (MULTIPLY CREDIT BY GRADE)
						0.0
						0.0
TOTAL SOCIAL SCIENCE CREDITS		0.0				TOTAL QUALITY POINTS 0.0
ADDITIONAL ACADEMIC COURSES (4 YEARS REQUIRED)						
10/7	COURSE TITLE	CREDIT	X	GRADE	=	QUALITY POINTS (MULTIPLY CREDIT BY GRADE)
						0.0
						0.0
						0.0
						0.0
TOTAL ADDITIONAL ACADEMIC CREDITS		0.0				TOTAL QUALITY POINTS 0.0
TOTAL QUALITY POINTS FROM EACH SUBJECT AREA / TOTAL CREDITS = CORE-COURSE GPA		0.0	/	0.0	=	
QUALITY POINTS / CREDITS = CORE-COURSE GPA						

10 of your 16 NCAA-approved core course credits must be completed before the start of your seventh semester, including seven in English, math or science.

DIVISION II ACADEMIC STANDARDS

Division II schools require college-bound student-athletes to meet academic standards for NCAA-approved core courses, core-course GPA and test scores. To be eligible to practice, compete and receive an athletics scholarship in your first full-time year at a Division II school, you must meet *all* of the following requirements:



1. Earn 16 NCAA-approved core-course credits in the following areas:

ENGLISH	MATH (Algebra I or higher)	SCIENCE (Including one year of lab, if offered)	ADDITIONAL (English, math or science)	SOCIAL SCIENCE	ADDITIONAL COURSES (Any area listed to the left, world language or non doctrinal religion/philosophy)
3 years	2 years	2 years	3 years	2 years	4 years

2. Earn a corresponding test score that matches your core-course GPA (minimum 2.2) on the Division II qualifier sliding scale (see page 26). More information regarding the impact of COVID-19 and test scores can be found at on.ncaa.com/COVID19_Spring2023.
3. Submit your final transcript with proof of graduation to the NCAA Eligibility Center.

Student-athletes enrolling at an NCAA member school Aug. 1, 2021, or later who do not meet Division II qualifier standards will be deemed partial qualifiers. All Division II partial qualifiers may practice and receive an athletics scholarship, but may NOT compete, during their first year of full-time enrollment at a Division II school.



GUIDE FOR THE COLLEGE-BOUND STUDENT-ATHLETE

ACADEMIC CERTIFICATION DECISIONS

For Academic and Amateurism Certification accounts, an academic certification will be conducted to determine if you meet Division II academic standards. Academic certifications are required for all college-bound student-athletes planning to compete at a Division II school. (An amateurism certification is required, and is included as part of an Academic and Amateurism Certification account as well as an Amateurism-Only Certification; see page 28.) The following items are required to complete your academic certification:

- » Official transcripts from **all** high schools attended.
- » Test scores. More information regarding the impact of COVID-19 and test scores can be found at on.ncaa.com/COVID19_Spring2023.
- » Final official transcript with proof of graduation.
- » No open academic tasks in your NCAA Eligibility Center Certification account (see page 13).
- » Be on a Division II school's institutional request list.

Being placed on a Division II school's institutional request list means you are being recruited and notifies the Eligibility Center to complete an academic evaluation for you after all of your required documents have been submitted.

If you are being recruited by a Division II school, below are the most common decisions you may receive once a certification has been completed.

EARLY ACADEMIC QUALIFIER

If you meet specific criteria after six semesters of high school, you may be deemed an early academic qualifier for Division II and may practice, compete and receive an athletics scholarship during your first year of full-time enrollment. To be an early academic qualifier, you will need:

- » A minimum SAT combined score (math and critical reading) of 900 or ACT sum score of 68.

A final high school transcript must be submitted to the Eligibility Center after high school graduation for all early academic qualifiers.

- » A **core-course GPA** of 2.5 or higher in a minimum of 14 NCAA-approved core-course credits in the following areas:

- Three years of English.
- Three years of math.
- Two years of science.
- Six additional core courses in any area.

QUALIFIER

You may practice, compete and receive an athletics scholarship during your first year of full-time enrollment at an NCAA Division II school.

PARTIAL QUALIFIER

You may practice and receive an athletics scholarship, but may **NOT** compete, during your first year of full-time enrollment at an NCAA Division II school.

WHAT IF I DON'T MEET DIVISION II STANDARDS?

If you have not met all of the Division II academic standards, you may not compete in your first year at a Division II school. However, you will be deemed a partial qualifier. All Division II partial qualifiers may practice and receive an athletics scholarship, but may **NOT** compete, during their first year of full-time enrollment at a Division II school.

CORE-COURSE TIMELINE

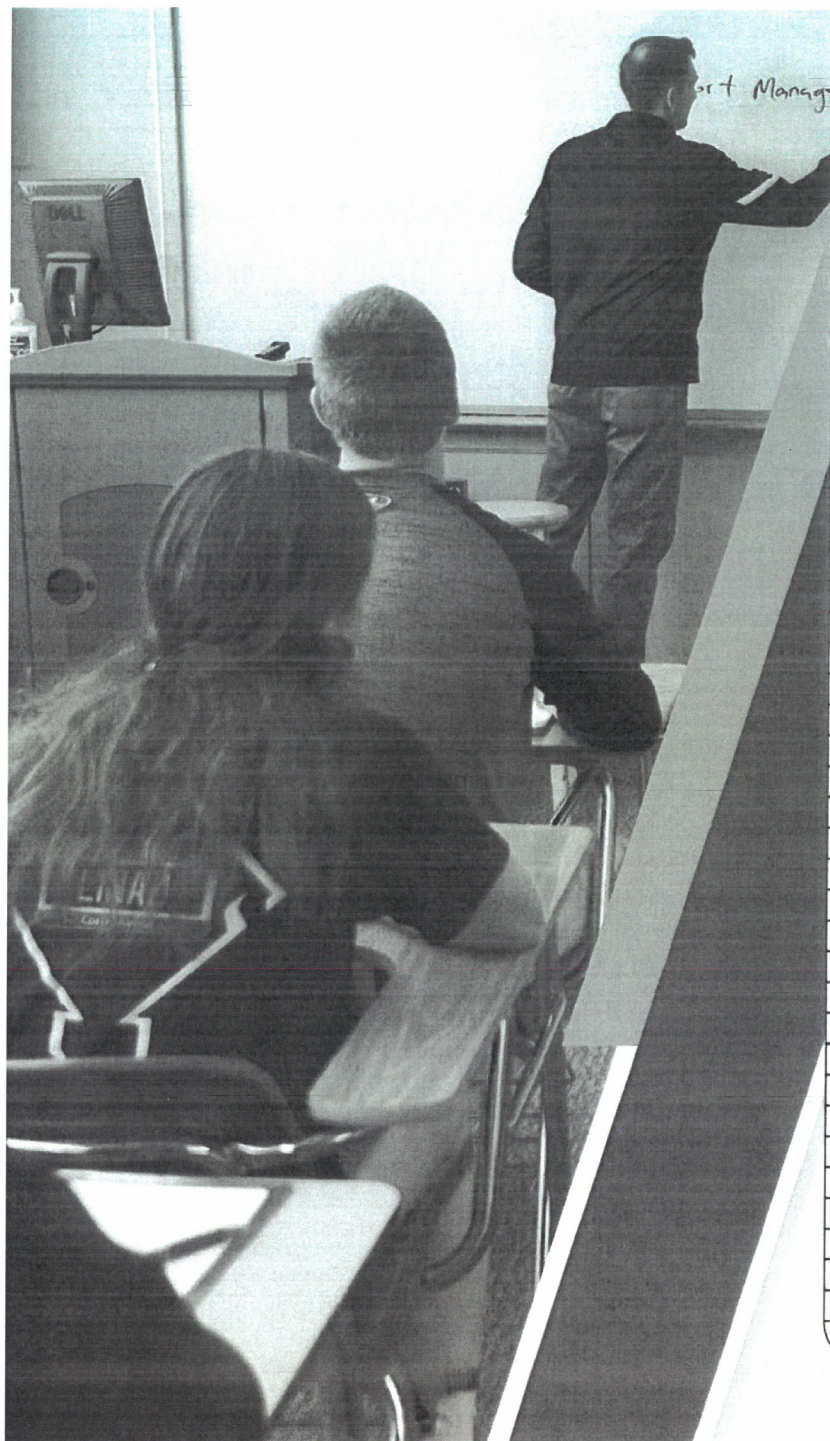
If you plan to compete at a Division II school, you must earn 16 NCAA-approved core-course credits after starting freshman/ninth year and before your first full-time college enrollment.

COURSES TAKEN AFTER HIGH SCHOOL

For Division II, you may use an unlimited number of core courses completed after graduation (summer or academic year) and before enrolling full time at any college or university. You may complete the core course(s) at a location other than the high school from which you graduated. A college course taken after high school graduation may be used toward your initial eligibility and awarded 0.5 credits from your college transcript (unless awarded one full credit on your home high school transcript). It must appear on your home high school transcript with grade and credit.

DIVISION II SLIDING SCALE

Division II uses a sliding scale to match your test score(s) and core-course GPA to determine eligibility. The sliding scale balances your test score with your core-course GPA. Find more information about test scores on page 15 or visit ncaa.org/test-scores. More information regarding the impact of COVID-19 and test scores can be found at on.ncaa.com/COVID19_Spring2023.



DIVISION II QUALIFIER SLIDING SCALE

Core GPA	SAT*	ACT Sum*
3.300 & above	400	37
3.275	410	38
3.250	430	39
3.225	440	40
3.200	460	41
3.175	470	41
3.150	490	42
3.125	500	42
3.100	520	43
3.075	530	44
3.050	550	44
3.025	560	45
3.000	580	46
2.975	590	46
2.950	600	47
2.925	620	47
2.900	630	48
2.875	650	49
2.850	660	49
2.825	680	50
2.800	690	50
2.775	710	51
2.750	720	52
2.725	730	52
2.700	740	53
2.675	750	53
2.650	750	54
2.625	760	55
2.600	770	56
2.575	780	56
2.550	790	57
2.525	800	58
2.500	810	59
2.475	820	60
2.450	830	61
2.425	840	61
2.400	850	62
2.375	860	63
2.350	860	64
2.325	870	65
2.300	880	66
2.275	890	67
2.250	900	68
2.225	910	69
2.200	920	70 & above

DIVISION II WORKSHEET

This worksheet is provided to assist you in monitoring your progress in meeting NCAA initial-eligibility standards. The NCAA Eligibility Center will determine your academic status after you graduate. Remember to check your high school's list of NCAA-approved core courses for the classes you have taken or plan to take.

Use the following scale: A = 4 quality points; B = 3 quality points; C = 2 quality points; D = 1 quality point.

ENGLISH (3 YEARS REQUIRED)					
COURSE TITLE	CREDIT	X	GRADE	=	QUALITY POINTS (MULTIPLY CREDIT BY GRADE)
Example: English 9	0.5		4		(0.5 x 4) = 2
					0.0
					0.0
					0.0
TOTAL ENGLISH CREDITS	0.0				TOTAL QUALITY POINTS 0.0
MATH (2 YEARS REQUIRED)					
COURSE TITLE	CREDIT	X	GRADE	=	QUALITY POINTS (MULTIPLY CREDIT BY GRADE)
Example: Algebra I	1.0		3		(1.0 x 3) = 3
					0.0
					0.0
TOTAL MATH CREDITS	0.0				TOTAL QUALITY POINTS 0.0
SCIENCE (2 YEARS REQUIRED)					
COURSE TITLE	CREDIT	X	GRADE	=	QUALITY POINTS (MULTIPLY CREDIT BY GRADE)
					0.0
					0.0
TOTAL SCIENCE CREDITS	0.0				TOTAL QUALITY POINTS 0.0
ADDITIONAL YEARS IN ENGLISH, MATH OR SCIENCE (3 YEARS REQUIRED)					
COURSE TITLE	CREDIT	X	GRADE	=	QUALITY POINTS (MULTIPLY CREDIT BY GRADE)
					0.0
					0.0
					0.0
TOTAL ADDITIONAL CREDITS	0.0				TOTAL QUALITY POINTS 0.0
SOCIAL SCIENCE (2 YEARS REQUIRED)					
COURSE TITLE	CREDIT	X	GRADE	=	QUALITY POINTS (MULTIPLY CREDIT BY GRADE)
					0.0
					0.0
TOTAL SOCIAL SCIENCE CREDITS	0.0				TOTAL QUALITY POINTS 0.0
ADDITIONAL ACADEMIC COURSES (4 YEARS REQUIRED)					
COURSE TITLE	CREDIT	X	GRADE	=	QUALITY POINTS (MULTIPLY CREDIT BY GRADE)
					0.0
					0.0
					0.0
					0.0
TOTAL ADDITIONAL ACADEMIC CREDITS	0.0				TOTAL QUALITY POINTS 0.0
TOTAL QUALITY POINTS FROM EACH SUBJECT AREA / TOTAL CREDITS = CORE-COURSE GPA	0.0	/	0.0	=	
QUALITY POINTS / CREDITS = CORE-COURSE GPA					

Options After High School

Four-Year College or University
Community College
Technical College
Military
Work

Four-Year College or University

The College and Career Office contains valuable information about the various college and university programs which are available to high school graduates. Please contact your college and career advisor for specific information about four-year colleges and universities.

Community College

Ladue Horton Watkins High School participates in the Missouri A+ Program. Students enrolling in and completing this program are eligible for up to six (6) semesters of free tuition at a Missouri community college. For more information about this program, visit the college and career office.

The St. Louis Community College system is one of the main sources of programs, information, and training regarding technical careers. These programs also include entry-level courses offered in four-year institutions. The degree programs are listed below.

An Associate Degree in Arts (AA) or an Associate Degree in Science (AS) can be completed in two years if you attend full-time. These programs include entry-level courses offered in four-year institutions.

Career programs result in an Associate Degree in Applied Science (AAS) and are designed to help develop or improve job skills. Selected courses from career programs may transfer to four-year institutions. The St. Louis Community College also offers two certificate program options.

A Certificate of Proficiency is designed primarily for the person whose intended job does not require an associate degree. A Certificate of Proficiency can be earned in one or two semesters.

A Certificate of Specialization is designed to provide information and skills for a specific area. A Certificate of Specialization can be earned in one or two semesters.

Technical College

Technical institutions also provide Associate Degrees in Science, Associate Degrees in Applied Science, and Certificates of Proficiency in many areas. Some of these areas are listed below.

Architectural Technology	Industrial Electricity-Electronics Technology
Automotive Collision Repair	Industrial Maintenance Technology
Automotive Repair Technology	Instrumentation & Process Control Technology
Aviation Technology	Machine Shop Technology
Avionics Technology	Plumbing Technology
Carpentry and Building Construction	Refrigerating, Air Conditioning, and Heating
Communications Electronics Technology	Welding Technology
Computer Networking Technology	

Military

Ladue High School hosts recruiters from the United States Military throughout the year. To enlist in the military, students must meet certain requirements, including, but not limited to age, education, and citizenship. In addition, candidates must complete the Armed Services Vocational Aptitude Battery (ASVAB). Military veterans may also be eligible for educational benefits.

Protocols

College Credit in High School

Ladue Horton Watkins High School students may earn college credit while still in high school. Students should consult with their college and career advisor about obtaining college credit prior to graduation. Most LHWHS students earn college credit through the Advanced Placement program. In other cases, students take courses on local college campuses to supplement our high school offerings.

I. Advanced Placement Examinations

Every May, the College Board provides students with the opportunity to take Advanced Placement exams in various subject areas. **We provide AP testing for LHWHS students who are enrolled in Advanced Placement courses at Ladue Horton Watkins High School. Students who wish to take an AP test for a course in which they are not enrolled may do so at another location; however, we recommend that students take the Ladue course to ensure the best opportunity for success.**

The College Board scores these exams on a one to five point scale. Students may then submit these scores to their colleges of choice for potential placement and/or credit. Each college and university has its own policies toward Advanced Placement test scores, but generally a score of three or higher is required for credit.

Advanced Placement (AP) Exam Offerings

Ladue Horton Watkins High school offers the following AP courses:

English	Social Studies	Visual and Performing Arts
AP Language AP Literature	AP European History AP World History AP U.S. History AP Psychology AP Microeconomics AP Government	AP Music Theory AP Studio Art 2D
Math	Science	World Languages
AP Calculus AB AP Calculus BC AP Statistics AP Computer Science	AP Biology AP Chemistry AP Environmental Science AP Physics Mechanics AP Physics Electricity & Magnetism	AP French AP German AP Latin AP Spanish Language & Culture AP Spanish Literature & Culture

Students who are enrolled in these courses at LHWHS can register for their exams through their College Board accounts.

II. Dual Enrollment at Area Colleges

A student may supplement their high school courses with courses taken at local colleges, universities, or the community colleges. Credit must be approved by the student's counselor and principal.

With dual enrollment programs often come additional fees charged by the participating colleges and universities. These tuition payments are made directly to the colleges and universities and are the responsibility of the student.

Because of the variety of dual enrollment programs, these programs are coordinated on a case-by-case basis with input from the principal, the counselor, and the college and career advisor.



Early College Program

The Early College Program (ECP) enables students to earn a high school diploma and an associate's degree simultaneously by attending all courses at the STLCC Meramec campus. Students attend the ECP for two years while they are juniors and seniors in high school. While in the ECP, students take college courses taught by STLCC Meramec professors. Upon successful completion of the program, students earn an Associate of Arts in General Transfer Studies as well as a high school diploma.

Admission Requirements

1. Students must complete an ECP application packet and submit it by the deadline.
2. Once accepted, students must complete an STLCC online application by the deadline.
3. Students must take the ACCUPLACER.
4. Students must be rising juniors to participate.
5. Students must be 16 year of age or older to participate.
6. Students must have a cumulative GPA of 2.6 or higher.
7. Students must demonstrate readiness for college level work by meeting "cut scores" for reading and math on the ACCUPLACER. For math, students must test into Math 140 (Intermediate Algebra) or higher.
8. Students must have completed health and at least one semester of P.E.
9. Students and families must sign an agreement regarding expectations and responsibilities of the ECP.

Resources and Responsibilities

1. Students will have access to their LHWHS guidance counselor and college and career advisor.
2. Students will have access to the STLCC Student Resource Center, library, and computer labs as well as students clubs and campus activities.
3. Students can participate in all LHWHS extracurricular activities, provided they do not conflict with their course schedule. They must communicate with their guidance counselor and the activities office if they wish to participate in MSHSAA activities to ensure they are eligible based on their course load.
4. Students must provide their own transportation.
5. Students will follow the STLCC academic calendar, not the Ladue Schools calendar.
6. Students are required to be on time and in attendance for all classes.
7. Ladue Schools will cover tuition and fees of the program.
8. Students must maintain grades of C or better in all classes. If a student earns a D or F, then the student may be dropped from the ECP and be required to return to LHWHS full-time. The district will not pay for a student to retake a course.
9. Students cannot drop a course from STLCC without first discussing it with the ECP Director
10. Students must return to LHWHS to take End-of-Course examinations as required for graduation.
11. Students can only return to LHWHS at the start of a semester.

Meetings will be scheduled for rising juniors to learn more about this opportunity. Rising junior families will receive a message about this program through ParentSquare. Students should see Dr. Beth Rapoff for additional information/questions.

Auditing a Class

A student may desire to audit a class for reasons he/she feels are important. A student must request the audit through his/her counselor and obtain approval from his/her teacher.

If the audit is approved, the following conditions must be in place:

1. A student may choose only one audit course per semester.
2. A student must request the audit during the first six weeks of the semester. This is true for both first and second semester.
3. If a student intends to continue the audit into second semester, he/she must make arrangements with the teacher and counselor, or he/she must request the continuance within the first six weeks of the second semester.
4. The student must be in attendance for all classes.
5. The teacher must report the student's progress to the parents at each six-week grading period.
6. An "AU" will be recorded on the six-week and twelve-week progress notices and on the transcript to indicate an audit course. If a student fails to fulfill his/her part of the requirements for the class and/or has to be withdrawn from the course after six weeks, a withdraw (W) will be recorded on the transcript.

Retaking a Course for Credit

Students may retake a course if they have earned a "D" or "F" grade to achieve better mastery and understanding of the content and/or to progress more knowledgeably in the sequence of classes. The retake option is to be used with caution since a student is not permitted to receive duplicate credit for a repeated course in which they previously earned a D.

Students wanting to retake a course must contact their counselor. Retakes will be taken at Ladue Horton Watkins High School only. Students may not retake the course as an independent study.

Both the original and retake grades will appear on the transcript. If the retake grade is higher than the original grade of D or F, it will be calculated in the GPA in place of the original grade. If the original grade of D or F is higher or the same as the retake grade, it will be calculated in the GPA.

Credit/No Credit

The Credit/No Credit grading system is available to qualified students with personal counselor and administrative approval.

- I. Students electing to participate who have counselor and administrative permission:
 - A. Must sign the request to ensure they understand the program and what is expected of them.
 - B. May take only one course per grading period using this option.
 - C. May not be auditing another course.
- II. Courses excluded from this program:
 - A. Advanced Placement courses.
 - B. Any academic course if the student is enrolled in fewer than 3 such courses.
 - C. Any course required to fulfill the graduation requirement for a diploma.
- III. Grading
 - A. The course title will appear on the report card and transcript with "CR" (credit) or "NC" (no credit) in place of the grade.
 - B. Courses taken for Credit/No Credit will not be used in calculating the GPA.
 - C. Teachers will equate "No Credit" with an F and "Credit" as any grade average of a D- or better.
- IV. Option Timetable
 - Students must sign up by the end of the first nine (9) weeks of the course.
- V. Types of Options
 - A. Revocable
 - 1. Teacher may deem the CR / NC option revocable. If the teacher refuses to sign, student may then choose only the irrevocable option.
 - 2. Counselor may advise, but if teacher signs, counselor must also sign.
 - 3. A citizenship grade is awarded along with a "CR" or "NC."
 - 4. Revocable option may be made two weeks before the end of the final grading period.
 - 5. Under this option a student may decide to receive a letter grade if they so choose.
 - 6. Students who do not attend regularly or who choose not to complete each assignment will be given an F, and the Credit/No Credit option will be removed.
 - B. Irrevocable
 - 1. Counselor may advise, but if teacher signs, counselor must also sign.
 - 2. Decision is final that no academic letter grade will be awarded.
 - 3. A citizenship grade is awarded along with a "CR" or "NC."
 - 4. Students who do not attend regularly or who choose not to complete each assignment will be given an F, and the Credit/No Credit option will be removed.

Early Completion of the High School Program

Students who wish to complete their high school education before eight semesters may apply for early completion of the high school program.

A. Application Procedure:

The student is responsible in all cases to initiate a request to complete high school in less than four years. A statement defining the reason for the request combined with the plan to complete the four-year credit requirements must be signed by both the student and their parents and presented to the student's counselor. A conference including student, parents, counselor, and administrator may be held to review the plan in depth. The high school principal will consider all aspects of the request.

B. Acceptance of the Plan:

The high school principal is responsible for the acceptance, modification, or rejection of each request. The student, upon completion of all provisions stated in this policy, may be awarded their diploma at the graduation date of their high school class or another time mutually acceptable to the student and the administration.

C. Earning High School Credits:

Students who successfully complete high school level courses earned through Ladue School's formal identification and acceleration process and/or through approved virtual instruction programs will earn the appropriate high school credit. Courses will be transcribed accordingly.

Schedule Change Protocol

The purpose of the schedule change protocol is to ensure individual students complete State of Missouri and Ladue School District graduation requirements and to ensure optimal utilization of the master schedule developed for all students.

The following plan is in place to ensure students and parents/guardians have opportunities to review course selections and students have opportunities to meet with counselors prior to the creation of the master schedule. Once the master schedule is built, schedule changes made after this time will be on a very limited basis.

Please review the following timeline and note deadlines:

1. Parents/guardians should review their student's academic planners between August and January for the following school year. These can be viewed in Infinite Campus.
2. Students should review their academic planners between August and January for the following school year. These can be viewed in Infinite Campus.
3. Students should take time to carefully choose their course requests for the following school year. When students meet with their counselors in January, they will sign up for courses for the following school year.
4. Students will receive a copy of their course requests to review with their parents/guardian. A copy will also be mailed home.
5. **Students will be notified one final time two weeks prior to the schedule change deadline in order to make any adjustments to the requests.**
6. The master schedule will then be created. Students who have course conflicts, classes that did not make due to low enrollment, and other schedule-related issues will have an opportunity for a final review of their schedule prior to the end of the school year.
7. **Schedule adjustments will not be made after the schedule change deadlines except for the following reasons: clerical error, student passed course in which they enrolled, or student completed summer school. Therefore, it is necessary that students carefully review their schedule.**

Ladue Horton Watkins High School Course Withdrawal Calendar

Withdrawal Procedures

1. Students withdrawing from a course must receive parent, teacher, counselor, and administrative approval.
2. Students granted permission to withdraw will be enrolled in a study hall, and the following guidelines will apply:

Weeks 1 - 2	Student may withdraw with no grade assigned.
Weeks 3 - 6	Student will receive a Withdraw (W) on their transcript.
Weeks 7 - 12	Student will receive a .25 credit of the current grade earned in the course on their transcript
Weeks 13 - 18	Student remains in the course or receives a .5 F for the semester grade.

3. The appropriate form will be completed and signed by all parties required. The form will be submitted to the Infinite Campus Coordinator.

Level Change Procedures

1. Students or teachers may initiate a request for a level down change within a subject that offers multiple levels.
2. A level change must receive parent, teacher, counselor, and administrative approval.
3. All changes must be completed by the end of the 9th week of the semester.

Withdrawal Calendar

<u>Time of Withdrawal</u>	<u>Semester 1</u>	<u>Semester 2</u>	<u>Quarter and semester grade to be assigned when student withdraws</u>
Weeks 1-2	08/22/23 - 09/01/23	01/04/24 - 01/12/24	No grade assigned.
Weeks 3-6	09/04/23 - 09/29/23	01/15/24 - 02/09/24	Withdraw (W) on transcript. Grade not calculated into GPA.
Weeks 7-12	10/02/23 - 11/10/23	02/12/24 - 03/22/24	Withdraw with 0.25 credit earned on transcript. Grade calculated into GPA.
Week 13-End of Semester	11/13/23 - 12/19/23	03/25/24- 05/30/24	F for the semester on transcript.

Reduced Schedule Procedure

1. Reduced schedules will be considered for seniors who meet the credit eligibility requirements listed below. Underclassmen will only be granted reduced schedules in extenuating circumstances and with administrative approval.
2. Students can have only one reduced hour per semester.
3. Reduced schedules will not be granted for periods in the middle of the day if the student is on campus for a class and then must return for a class. Students who take a reduced schedule during one of these periods will attend study hall on Ram days.

Senior Requirements for Reduced Schedule:

1. Student must have earned the following number of credits:
 - a. First semester eligibility
19.5 credits
 - b. Second semester eligibility
22.5 credits
2. If the student is participating in a MSHSAA activity the semester of the reduced schedule or the semester after the reduced schedule, the student must be enrolled in courses at the high school to earn three units of credit. If the student is enrolled in only six credit-bearing classes and fails one, the student will be ineligible for the next semester.

Career Paths and Clusters

Career Paths	Clusters	Sample Pathways
Arts & Communication (Creative Path)	Arts A/V Technology & Communication.	Film and Printing Technology, Visual and Performing Arts, Journalism and Broadcasting; Telecommunications
Business Management and Technology (Business Path)	Information Technology, Business Management and Administration, Marketing, Sales and Service, Finance	Program and Software Development, Network Systems, Sales and Merchandising, Management, Human Resources, Accounting, Financial and Investment Planning
Health Services (Health Path)	Health Science	Biotech, research and Development, Health Informatics, Diagnostic and Therapeutic Services, Support Services
Human Services (Helping Path)	Hospitality and Tourism, Government and Public Administration, Law, Public Safety, Corrections, Security, Education Training, Human Services	Counseling and Mental Health Service, Recreation, Teaching, Security, Legal Service, Governance, Emergency Service, Public Management and Administration, Food and Beverage, Lodging
Industrial and Engineering Technology (Building and Fixing Path)	Manufacturing, Transportation, Distribution and logistics, Science Technology, Engineering and Math, Architecture and Construction	Production, Maintenance and Repair, Architecture Design, Construction, Science and math, Sales, and service, Engineering Technology, Health, Safety and Environmental Assurance
Natural Resources and Agriculture (Nature Path)	Agriculture, Food, Natural Resources	Agribusiness Systems, Animal Systems, Power, Structural and Technical Systems, Natural Resources and Environmental Service

NOTES _____

LHWHS Course Offerings - Career Clusters/Pathways

Arts & Communication	Business Management & Technology	Health Services
AP Studio/Art-2D Design Ceramics I/II Computer Animation Drawing I/II Graphic Design Painting I/II Photography I/II	AP Microeconomics Business Management I/II CAPS Intro to Business Investment Strategies Marketing I/II Personal Finance Sports & Entertainment Marketing	AP Biology Biology/Advanced Biology Anatomy & Physiology
Acting I/II/III Technical Theater I/II	Fashion I/II Housing and Design	Principles of Biomedical Science Human Body Systems Medical Interventions Biomedical Innovations
AP Music Theory Band Baritone Chorus Chorale Chamber Orchestra Symphonic/Concert Orchestra Treble Choir Intro to Piano Advanced Piano	AP Computer Sciences Computer Science Essentials Computer Science Principles Cybersecurity (not offered 2023-2024 school year)	AP Psychology
Broadcast Technology I-VIII Multimedia Sports Production I-IV		Child Development I/II
Newspaper I-IV Yearbook I-IV Journalism I/II Intro to Journalistic Writing, Design and Leadership		

LHWHS Course Offerings - Career Clusters/Pathways

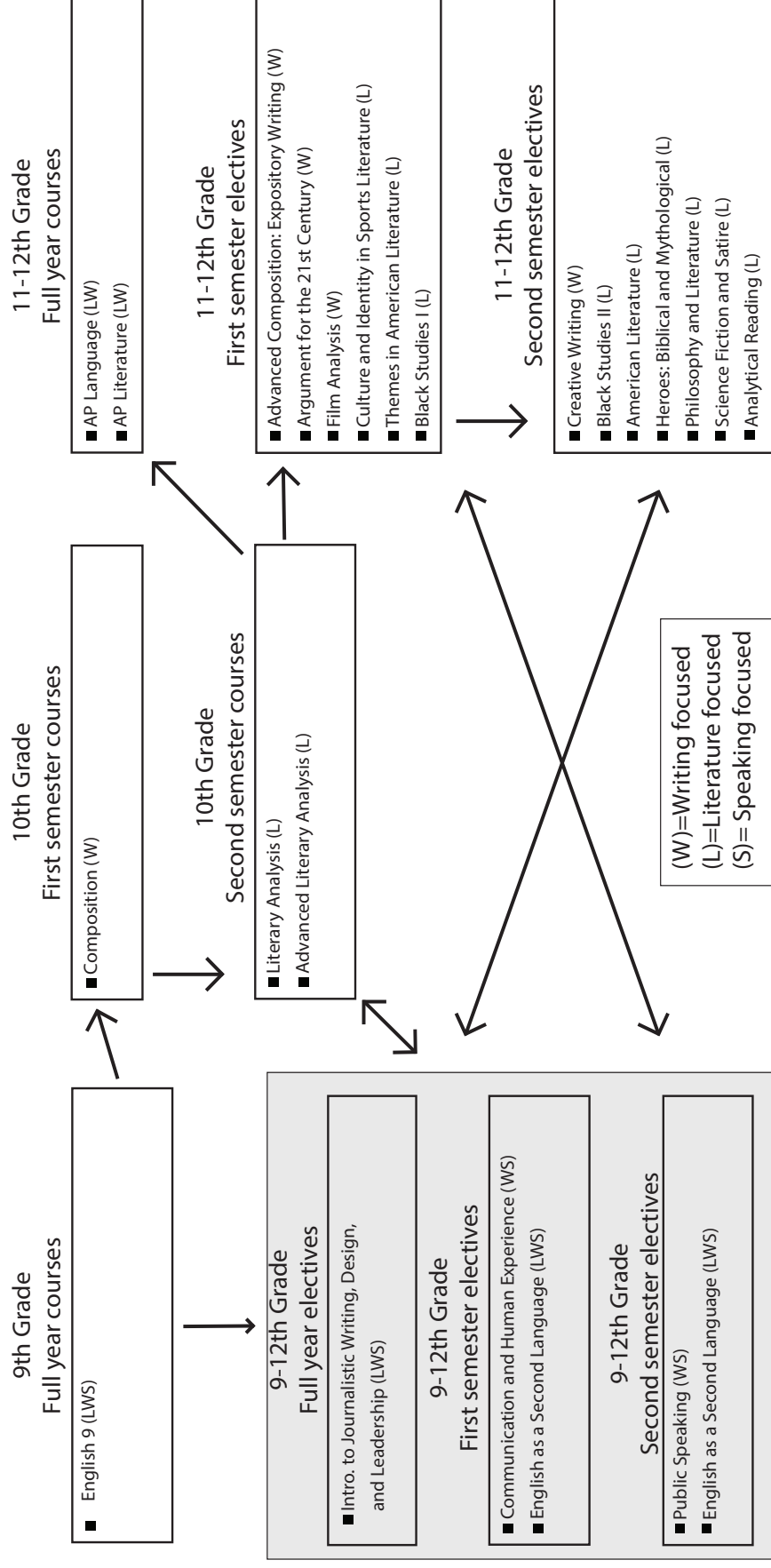
Human Services	Industrial & Engineering Technology	Natural Resources & Agriculture
AP Studio/Art-2D Design Ceramics I/II Computer Animation Drawing I/II Graphic Design Painting I/II Photography I/II	AP Microeconomics Business Management I/II CAPS Intro to Business Investment Strategies Marketing I/II Personal Finance Sports & Entertainment Marketing	AP Biology Biology/Advanced Biology Anatomy & Physiology
Acting I/II/III Technical Theater I/II	Fashion I/II Housing and Design	Principles of Biomedical Science Human Body Systems Medical Interventions Biomedical Innovations
AP Music Theory Symphonic/Concert Band Baritone Chorus Chorale Chamber Orchestra Symphonic/Concert Orchestra Treble Choir Intro to Piano Advanced Piano	AP Computer Science Computer Science Essentials Computer Science Principles Cybersecurity (not offered 2023-2024 school year)	AP Psychology
Broadcast Technology I-VIII Multimedia Sports Production I-IV		Child Development I/II
Newspaper I-IV Yearbook I-IV Intro to Journalistic Writing, Design, and Leadership		

English

English Course Flow Chart

The English Department seeks to provide students a balanced experience of different genres of literature and modes of writing. The flow-chart shows a sequential list of courses, and it is coded to help students create a schedule that balances literature and writing each semester and over four years.

While each course develops reading and writing skills, the courses are coded with (L) to indicate a focus on literature and fiction. The courses coded with (W) include more nonfiction texts to teach expository writing. Courses with (S) add the objective of speaking.



English Course Offerings

English Advanced Placement Course Offerings

Course Title	Grade Level	Prerequisite Courses	Lexile Score	Writing Expectations	Typical Assignments/Readings/Workload	Avg HW Hours/Week
AP Language & Composition	11-12	9th and 10th grade courses	1100+	Students write weekly in response to readings, practicing skills and strategies. 3 major essays per semester in analytical, argumentative, and narrative modes.	Varies from 30-40 pages weekly during argument units to 80 pages during whole book study units	3-4
AP Literature & Composition	11-12	9th and 10th grade courses	1100+	Must be able to demonstrate analysis in timed, in-class essays to succeed on the AP exam. Students write out of class essays about 3-4 times a semester. Students are expected to meet with their teacher regularly for writing conferences.	50-90 pages of reading a week	3-4

- Students who earned a B or higher in prerequisite courses are typically successful in AP courses.

English Core Course Offerings 9-10

Course Title	Grade Level	Prerequisite Courses	Lexile Score	Writing Expectations	Typical Assignments/Readings/Workload	Avg HW Hours/Week
English 9	9	None	890-1000	Students will write evidence-based multi-paragraph essays as they learn the habits of mind for literary analysis. Students will write in-class responses as well as at least 2 out-of-class papers each semester. Students are expected to meet with their teacher regularly for writing conferences.	Students should count on completing nightly reading assignments while they annotate the text. Students will use the drafting process to complete writing assignments about one a month. During novel units students will read 20-30 pages a week.	1.5

English Core Course Offerings 9-10 (cont)

Course Title	Grade Level	Prerequisite Courses	Lexile Courses	Writing Expectations	Typical Assignments/Readings/Workload	Avg HW Hours/Week
Composition	10	English 9	800-1000	Students will write daily to develop their ability to plan, draft, and revise formal expository writing using a variety of persuasive strategies and across multiple genres of writing (paragraph, essay, news magazine, video/podcast, narrative). Students are expected to meet with their teacher regularly for writing conferences.	Students read independent narrative nonfiction books to reinforce the writing strategies they practice in class. Additionally, students read various articles, essays, and conduct research to accompany the modes and strategies of writing each unit.	1-2
Literary Analysis	10	English 9	770-1000	Students will write evidence-based multi-paragraph essays and develop organizational strategies that support and enhance their arguments. Students will write in-class responses as well as 3 out-of-class papers this semester. Students are expected to meet with their teacher regularly for writing conferences.	Every night students will complete reading assignments in which they complete annotations or a response, or students will use the drafting process to complete writing assignments. Students will complete 20-50 pages of reading each week.	2
Advanced Literary Analysis *	10	English 9	1100+	Students will write several complex evidenced-based, multi-paragraph essays that support and enhance their arguments about complex literature. Students are expected to meet with their teacher regularly for writing conferences.	Before each class, students will complete reading assignments, and they should count on at least 50 pages of reading each week.	2-3

* Students who earned a B or higher in English 9 are typically more successful in Advanced Literary Analysis.

English Elective Course Offerings

Course Title	Grade Level	Prerequisite Course	Lexile Score	Writing Expectation	Typical Assignments/ Readings/Workload	Avg HW Hours/Week
Advanced Expository Writing	11-12	9th and 10th grade courses	800+	Students will write a variety of expository essays including narratives drafts of the college admission essay, as well as research-based persuasive arguments. One full-length book read is expected.	Students will regularly read mentor texts for homework and write responses. Students will most often complete drafts of writing throughout the week in any given unit.	1-2
Argument Writing	11-12	9th and 10th grade courses	750+	Students will write arguments based on their inquiry and research. Components of paragraph writing will be reinforced, along with multi-paragraph structure. Students will complete 3-4 units of study this semester.	Students who work hard in class will typically not have that much homework. This course also uses self-pacing.	1
American Literature	11-12	9th and 10th grade courses	1070-1300	Students will write at least one formal argument based writing after reading a novel. This course is primarily reading-focused. Assessments for this course include small and large group discussion, as well as choice projects.	Students will regularly read mentor and choice texts for homework and write responses to prepare for in-class activities and discussion.. Mentor texts include a wide variety on genres and diverse authors; memoir novel excerpts, short stories, poems, essays, etc.	1-1.5
Analytical Reading	11-12	9th and 10th grade courses	700+ Text complexity increases with student growth	Students will compose daily responses to develop their analytical reading/writing skills. Students will write at least one formal argument based writing using thematically linked short stories. Although students will practice using all levels of analysis. Daily writing assignments are differentiated.	Students will read short stories and excerpts regularly (about two stories/chapters per week). Class time is provided for reading each class. Students that work hard in class should have minimal homework.	1

English Elective Course Offerings (cont.)

Course Title	Grade Level	Prerequisite Course	Lexile Score	Writing Expectation	Typical Assignment/Readings/Workload	Avg HW Hours/Week
Biblical & Mythological Heroes	11-12	9th and 10th grade courses	680-1040	Students will explore the mythologies from various cultures in order to analyze their commonalities and difference and how they remain relevant today. Primary texts include Greek and Roman mythology along with the New International Bible. Assessments are primarily project-based and essay writing.	Students will regularly read chapters and/or excerpts from selected texts and take notes in order prepare for reading quizzes and in-class activities. Projects and essays follow a completion process that guides students through the required components. Outside of class work time primarily will consist of reading/ note-taking and completion of steps of a given project/essay.	2
Black Studies I & II	11-12	9th and 10th grade courses	1100	Students will engage in multiple modes of writing including composing narrative, descriptive, and argumentative pieces. Students will regularly engage in shorter in class reflections in response to themes related in discussion and/or related to assigned readings.	Students will regularly read both literary and historical texts related to the period or theme of study. All students will engage in a course wide Black Literary Society which includes a reading of Brit Bennett's <i>The Vanishing Half</i> . Students should expect 2 major projects along with several smaller writing assignments.	1-2
Communication and the Human Experience	9-12	9th and 10th grade courses	710-1140	Students will write often, usually in an informal manner, to respond to various texts, apply concepts, and share personal experiences that are relevant to the essential understandings. Assessments for this course include discussion and choice projects.	Students who work hard in class will typically not have that much homework, if any. This course also uses self-pacing.	1

English Elective Course Offerings (cont.)

Course Title	Grade Level	Prerequisite Course	Lexile Score	Writing Expectation	Typical Assignment/Readings/Workload	Avg HW Hours/Week
Creative Writing	11-12	9th and 10th grade courses	800+	Students will write daily both informally and formally. It is expected that students who take creative writing are willing to write and often for extended periods of time. Students must learn to revise. As important as learning how to write is the ability to evaluate and rewrite.	Students in Creative Writing classes will read to develop awareness of the basic techniques of literary expression, including narrative strategies, genres, and aesthetics.	1-2
Culture and Identity in Sports Literature	11-12	9th and 10th grade courses	800+	Students will write at least one formal analysis based writing after reading a novel and multiple nonfiction selections. This course is primarily reading-focused with a focus on small and large group discussion, as well as choice projects.	Students will regularly read for homework, typically nonfiction selections and look for arguments presented about sports and its role in society. This will lead to preparation for in-class activities and discussions. Text include a wide variety of genres and diverse authors; memoir & biography excerpts, essays, news articles, and novel study.	1-2
Film Analysis	11-12	9th and 10th grade courses	800+	Students will write at least one formal argument based writing after viewing a film. This course is primarily reading/viewing-focused. Assessments for this course include small and large group discussions. Unit assessments and mini-reviews/scene analysis.	Most of the reading is completed in class through the viewing of films. Students do have textbook and assigned readings outside of class. Students who work hard in class do not typically have much homework outside of class. Homework primarily consists of reading/note taking.	1

English Elective Course Offerings (cont.)

Course Title	Grade Level	Prerequisite Course	Lexile Score	Writing Expectation	Typical Assignment/Readings/Workload	Avg HW Hours/Week
Philosophy in Literature	11-12	9th and 10th grade courses	830+	Students write 4-5 short personal responses to the big philosophical questions that have chased humankind through the centuries. Students will read philosophical and literary works that also explore these questions. The capstone for the course in an inquiry driven project exploring meaning in life	Every night students will complete reading assignments in which they complete annotations or a response, or students will use the drafting process to complete writing assignments.	1-2
Public Speaking	11-12	9th and 10th grade courses	750+	Students will write both formal and informal speeches. They will study, research, respond to and reflect on various readings/speeches/oral presentations. They will demonstrate understanding of numerous writing strategies by applying concepts, as well as personal experiences when writing speeches. Writing assessments for this course include composing talking points/notes, drafting formal and informal outlines for oral presentations, and writing reflections.	Students have a textbook and will be assigned readings outside of class. Students will be asked to write responses and/or prepare for reading quizzes. Students will also read and study mentor texts/speeches.	1-2

English Elective Course Offerings (cont.)

Course Title	Grade Level	Prerequisite Course	Lexile Score	Writing Expectation	Typical Assignment/Readings/Workload	Avg HW Hours/Week
Science Fiction and Satire	11-12	9th and 10th grade courses	900-1300	Much of the writing in this class is project-based . In addition to a formal argument-based essay, students will have opportunities to write creatively using the extrapolation of literary and social trends. This course is primarily reading-focused. Assessments for this course include small and large group discussions, as well as choice projects.	Students will regularly read mentor texts for homework and write responses or prepare for reading quizzes. Outside of class work time, homework primarily consists of reading, briefly responding and completing assigned steps for the current project or essay.	1-2
Themes in Modern American Literature	11-12	9th and 10th grade courses	975-1100	Students will write weekly in response to thematic-based readings. They will write both informal (journals) and formal multi-paragraph essays as they practice and develop their writing and analysis skills.	Students will have regular reading assignments each week including: articles, short stories, poems, and/or longer works (play/novel). They will annotate the text/take notes in order to prepare for reading quizzes and in-class activities. Projects and essays follow a scaffolded process that guides students through the required components. Students will use the drafting process to complete 3-4 major writing assignments and/or projects at the end of each unit.	1-2

English

Full Year Courses

Advanced Placement English Language and Composition
Advanced Placement English Literature
English 9
Foundations of English I – IV
Fundamentals of English 9
Fundamentals of Writing and Text Analysis
Introduction to Journalistic Writing, Design, and Leadership

Semester Courses

First Semester

Advanced Composition: Expository Writing
Argument for the 21st Century
Black Studies I
Communication and the Human Experience
Composition
Culture and Identity in Sports Literature
English for Speakers of Other Languages
Film Analysis
Themes in Modern American Literature

Second Semester

Advanced Literary Analysis
American Literature
Analytical Reading
Black Studies II
Creative Writing
English for Speakers of Other Languages
Heroes: Biblical & Mythological
Literary Analysis
Philosophy and Literature
Public Speaking
Science Fiction and Satire

L: Literature intensive

W: Writing intensive

S: Speaking intensive

Full Year Courses

Advanced Placement English Language and Composition (11, 12) (L/W) will prepare students to become analytical readers and writers by showing them how to apply critical reading skills to various modes of writing. This course will offer advice on planning, writing, and revising. Varied in subject, style, and cultural perspectives, reading selections will prepare students for the AP Language and Composition exam where students will be required to synthesize information, analyze rhetorical strategies, and argue issues within their writing.

Reading Assignments: *In Cold Blood, Hunger for Memory, Nickel and Dimed, Merchant of Venice, Desert Solitaire, 100 Great Essays, Everyday Use.* Along with these major texts, students will read essays and articles from varied sources and publications throughout the year.

Writing Assignments: Students compose essays in 3 modes: 2 major analysis essays, 2 major argument essays, and 2-3 personal narratives; students also write in-class essays as practice for the AP exam in May.

Course Type	Full Year Course	Prerequisite	9th & 10th course requirements
Course Number(s)	EN76S1/EN76S2	Credit	1 unit English

Advanced Placement English Literature (11, 12) (L/W) emphasizes the skills of close reading and detailed analytical writing. Students read sophisticated, challenging literature drawn from various time periods and countries. Discussions emphasize literary techniques and theme. Students write analytical essays based on the literature and timed in-class essays in preparation for the Advanced Placement exam.

Reading Assignments: Students will develop close reading and analysis skills through short stories, novels, drama and film. Titles may include *Crime and Punishment*, *Doubt*, *Portrait of the Artist as a Young Man*, *Beloved*, and *The Handmaid's Tale*. Discussions of these texts will emphasize literary techniques and theme.

Writing Assignments: Students write analytical essays based on the literature and in-class essays similar to those on the Advanced Placement exam.

Course Type	Full Year Course	Prerequisite	9th & 10th course requirements
Course Number(s)	EN75S1/EN75S2	Credit	1 unit English

English 9 (9) (L/W) is a survey course that studies the genres of short story, poetry, novel, drama, and nonfiction. Students will write multi-paragraph argumentative analytical and creative responses as we investigate various themes and essential questions.

Reading Assignments: Students will read thematically-linked texts as a class and independently. Titles may include the play *She Kills Monsters*, *Fahrenheit 451*, and *A Midsummers Night's Dream*, an independent nonfiction book, two book club books, *Speak*, and at least two independent novels. The reading component of this class promotes how readers can use a text to better understand themselves and the world while developing close reading and comprehension skills appropriate to the high school level.

Writing assignments: Students will use the writing process and teacher conferences to develop their literary analysis, organizational, research, and argumentative skills. The composition component of the class develops a students' organizational strategies, fluency, diction, and knowledge of grammar, while promoting the habits of mind essential for evidence-based argument.

Course Type	Full Year Course	Prerequisite	None
Course Number(s)	EN109S1/EN109S2	Credit	1 unit English

Foundations of English I - IV (9, 10, 11, 12) (L/W/S) is a course designed to emphasize the development of essential reading, writing, and communication skills.. The curriculum is designed based on individual student needs as identified in their IEP's.

This course does not meet the requirements for an NCAA core course in English.

Course Type	Full Year Course	Prerequisite	Recommendation only
Course Number(s)	I: EN71S1/EN71S2 II: EN72S1/EN72S2 III: EN92S1/EN92S2 IV: EN93S1/EN93S2	Credit	1 unit English

Fundamentals of English 9 (9, 10, 11, 12) (L/W/S) is a survey course of the genres of non-fiction, short story, novel, drama, and poetry. Students will read a variety of works and will learn grammar, sentence and paragraph construction, organization, and development. This course is individualized according to student' needs as identified in their IEP's.

This course does not meet the requirements for an NCAA core course in English.

Course Type	Full Year Course	Prerequisite	Recommendation only
Course Number(s)	EN91S1/EN91S2	Credit	1 unit English

Fundamentals of Writing and Text Analysis (10, 11, 12) (L/W/S) is a course that builds off the Fundamentals English 9. Students will read a variety of literary and informational works. Lessons will focus on the writing process and development of descriptive details. There will be an emphasis on the whole sentence in areas of structure, variety, agreement, and complexity. Students learn discussion skills, reading skills, research skills, and writing skills. This course is individualized according to students' needs as identified in their IEP's. ***This course does not meet the requirements for an NCAA core course in English.***

Course Type	Full Year Course	Prerequisite	Recommendation only
Course Number(s)	EN96S1/EN96S2	Credit	1 unit English

Introduction to Journalistic Writing, Design, and Leadership (9, 10, 11, 12) (L/W/S) is a year-long course where students will learn how to design the school newspaper and yearbook, write news stories, and work together in a highly collaborative environment. Students enrolled in this course will gain insight into the journalism field as well as skills for interviewing, story-crafting, editing, social media, and boosting audience engagement. Students will work with professional design software, such as Adobe InDesign, Illustrator, and Photoshop, to design publishable content. Students will also practice editing material for publication and leadership skills. This course prepares students to be on the newspaper and/or yearbook staff after completion. Students will also walk away with real-world problem-solving skills and communication tools that will help them in life after high school. This course is a prerequisite for Newspaper I and Yearbook I. ***This course does not meet the requirements for an NCAA core course in English.***

Course Type	Full Year Course	Prerequisite	None
Course Number(s)	EN818S1/EN818S2	Credit	1 unit English

Fall Semester Courses

Advanced Composition: Expository Writing (11, 12) (W) is designed to prepare students for college composition courses emphasizing writing in the areas of persuasion, personal narrative, rhetorical analysis, and journaling. The course will also address how the essays relate to non-fiction readings, and it requires the students to write two college application essays and a research paper on a topic of their choice.

Reading Assignments: Students will read nonfiction essays and articles, and a choice nonfiction book. The reading component of this course focuses on the author's style and rhetoric and its effectiveness.

Writing Assignments: Students will write a college essay, 2 persuasive essays, and complete a research project. The composition component involves using style, appeals, and strategies to convey a purposeful message to the writer's audience. Students will choose their own topics for every assignment.

Course Type	1st Semester	Prerequisite	9th & 10th course requirements
Course Number(s)	EN60S1	Credit	1/2 unit English

Argument for the 21st Century (11, 12) (W) is an inquiry-based course that develops reading, writing, and research skills as students create various modes of argument. The course builds technology skills to produce projects and create responses to topics of the student's choosing. ***This course does not meet the requirements for an NCAA core course in English.***

Reading Assignments: Students will read nonfiction articles and essays, as well as a novel of choice to develop reading skills and support independence in accessing texts. The course builds research skills, allowing students to pursue topics and readings of their choice. Reading passages to prepare for the ACT are also included.

Writing Assignments: This inquiry-based course develops writing and research skills as students learn to create various modes of argument and presentation. While students write several multi-paragraph essays, the course builds technology skills to produce projects that support an argument's purpose.

Course Type	1st Semester	Prerequisite	9th & 10th course requirements
Course Number(s)	EN36S1	Credit	1/2 unit English

Black Studies I (11, 12) (L) is an integrated curriculum course that examines Black American history and culture. Curriculum includes English, Social Studies, and Fine Arts. Some assignments/activities may differ depending on whether or not students are taking the course for English credit or Social Studies credit.

Reading Assignments: In this integrated curriculum course, the students will read and analyze primary and secondary source documents, personal narratives, poetry, choice novels, and vast selections of historical narratives. The readings will examine the Black American experience through a critical race theory lens.

Writing Assignments: The writing assignments include oral presentations, an extended formal essay, and written personal reflections.

Course Type	1st Semester	Prerequisite	9th & 10th course requirements
Course Number(s)	EN01S1/SS0151	Credit	1/2 unit English

Communication and the Human Experience (9, 10, 11, 12) (W/S) is a survey course exploring the field of communication and our experience as humans navigating the messy process of communication. Students will focus on developing their communication skills in our ever-changing world. As we seek to discover what makes competent communicators in our world, we will also explore miscommunication and how it happens. This is a hands-on course that will involve active participation in daily activities and simulations, as well as written and oral presentations. There are six units of study: The Communication Process, Intrapersonal Communication and Identity, Interpersonal Communication (both verbal and non-verbal), Perceptions, Listening & Hearing, and Communication & Our World. For their final project, students will evaluate a communicator in the real world based on the concepts from our semester. The overall grade will be based on activities, projects, assessments, short writings, and presentations.

Reading Assignments: Students will read the course textbook entitled *Looking Out, Looking In*. Students will also read selected articles to practice applying our concepts and selections from Malcolm Gladwell's *Talking to Strangers*.

Writing Assignments: Students will write short responses to articles we read and present projects regarding various aspects of communication.

Course Type	1st Semester	Prerequisite	None
Course Number(s)	EN50S1	Credit	1/2 unit English

Composition (10) (W) is the tenth-grade writing course where students learn discussion skills, reading skills, research skills, writing skills such as paragraph development, thesis formation, organizational and stylistic techniques, and multiple paragraph essays. Students will study grammar including parts of speech and basal parts, phrases and clauses, usage, and sentence structure and punctuation. The course consists of a variety of writing assignments, reading assignments, discussion, activities, and tests.

Reading Assignments: Students will study and analyze a variety of student and professional writing samples. Students will also read 2 non-fiction independent/choice books.

Writing Assignments: Students will study a variety of writing modes and strategies and compose 4 formative writing assignments. In addition, students will write 2 formal essays, including a multi-genre research-based essay with variation in organization and style.

Writing skills- Lessons will focus on the formation of thesis statements and development of descriptive details. Units will provide students with multiple organizational options along with various stylistic techniques for composing formal paragraphs.

Grammar skills- Lessons will review and build upon the 9th grade foundation with emphasis on the whole sentence in areas of structure, variety, agreement, and complexity. Practice includes activities covering phrases and clauses; usage, parallel structure; punctuation.

Course Type	1st Semester	Prerequisite	None
Course Number(s)	EN66S1	Credit	1/2 unit English

Culture and Identity in Sports Literature (11, 12) (L) is a course that explores positive themes such as heroism, pride, and identity and negative themes such as cheating, scandal, and disappointment using fiction and non-fiction texts. This course will take a critical approach to the study of sports with regard to the narratives often emerging from sports. Students will examine literary depictions of athletes and sports in novels, memoirs, essays, and poems in order to better understand the cultural significance of sportsmen and women in society.

Reading Assignments: Students will read a total of 3 novels. At the discretion of the individual teacher, these could include *The Natural* (Malamud), *For One More Day* (Albom), *Silent Gesture* (Smith), *Triumph: The Untold Story of Jesse Owens and Hitler's Olympics* (Schaap), *Forty Million Dollar Slaves: The Rise, Fall, and Redemption of the Black Athlete* (Rhoden), *A Whole Other Ball Game: Women's Literature on Women's Sport* (Sandoz), and *The Hurricane* (Hirsch).

Writing Assignments: Students will complete two formal essays in addition to a creative narrative. Students will develop a personal narrative about their experience in sports, write a critical literary analysis essay based on readings, and craft a narrative inspired by current sports topics or events. Students will complete a research-based assessment with a written and presentation component.

Course Type	1st Semester	Prerequisite	None
Course Number(s)	EN45S1	Credit	1/2 unit English

English for Speakers of Other Languages (9, 10, 11, 12) (L/W/S) provides non-native speakers with instruction in basic interpersonal language skills, with an emphasis on academic language acquisition and learning. All skill areas are developed through strands in listening, speaking, reading, and writing. Additional work is provided in American culture, grammar, pronunciation, and vocabulary. ***This course does not meet the requirements for an NCAA core course in English.***

Course Type	1st & 2nd Semesters	Prerequisite	None
Course Number(s)	I: EN65S1/EN65S2 II: EN67S1/EN67S2 III: EN69S1/EN69S2 IV: EN73S1/EN73S2	Credit	1/2 unit English

Film Analysis (11, 12) (W) is a course that teaches the techniques of film making and film analysis. It also focuses on film history and appreciation. Students will learn about camera angles, positions, and movement. The course also covers other aspects of film making, such as mise-en-scene, sound design, and film narrative. Students study examples of classic cinema as well as more modern films. Although the course focuses on movie viewing, students do considerable reading and writing. ***This course does not meet the requirements for an NCAA core course in English.***

Reading Assignments: Most reading assignments come from the course textbook, *Movies and Meaning* by Stephen Prince. Other reading assignments include various professional articles and film reviews.

Writing Assignments: Students will write two formal essays and one film review along with other formative writing assessments.

Course Type	1st Semester	Prerequisite	9th & 10th course requirements
Course Number(s)	EN16S1	Credit	1/2 unit English

Themes in Modern American Literature (11, 12) (L) surveys essays, short stories, articles, poetry, drama, and novels by modern American writers. Students will examine these pieces through thematically-linked units. In addition, students will be exposed to a wide range of writing from informal journals to personal reflection papers to the formal literary analysis paper.

Reading Assignments: Students will read non-fiction essays and articles, short stories, and poems by modern American writers, in addition to a play and a novel. Authors covered might include Alice Walker, Langston Hughes, Kurt Vonnegut, Gary Soto, Lorraine Hansberry, and William Faulkner. The reading component requires students to examine these pieces through thematically-linked unit.

Writing Assignments: Students will complete 4 formal essays along with several formative writing assignments. The composition component requires students to complete informal journals, personal reflection papers, and formal literary analysis essays.

Course Type	1st Semester	Prerequisite	9th & 10th course requirements
Course Number(s)	EN63S1	Credit	1/2 unit English

Spring Semester Courses

Advanced Literary Analysis (10) (L) addresses the analytical process of reading and writing and enhances an array of criticism skills including thesis formation, organization, presentation and analysis of quoted evidence, mechanics and style, and library research. This course is designed to offer greater depth and a quicker pace for students requesting a more rigorous curriculum in reading and writing. This course is open to any student who desires this challenge.

Reading Assignments: Students will read poetry, short stories, and novels, which may include *Radiance of Tomorrow* and *Frankenstein*. The reading component focuses on analyzing the use of literary elements in a written work and synthesizing the information into thematic ideas.

Writing Assignments: Students will complete 3 formal writing assignments including 2 multi-paragraph essays and 1 in-class essay. The composition component involves thesis formation, organization, presentation and analysis of quoted evidence, as well as mechanics and style.

Course Type	2nd Semester	Prerequisite	Composition
Course Number(s)	EN54S2	Credit	1/2 unit English

American Literature (11, 12) (L) is a survey course in which students study the major literary and philosophical movements in American literature. Students read from significant writers of the Colonial Period to the Modern age. Assignments include quizzes, projects, unit exams, and three papers analyzing literature.

Reading Assignments: This course surveys the major literary and philosophical movements in American literature through short stories, essays, poetry, novels and drama. Novel and drama study may include *The Adventures of Huckleberry Finn*, *The Great Gatsby*, and *A Streetcar Named Desire*.

Writing Assignments: Students will write multi-paragraph analysis essays and creative responses that address the themes, style and tone of the literature.

Course Type	2nd Semester	Prerequisite	9th & 10th course requirements
Course Number(s)	EN10S2	Credit	1/2 unit English

Analytical Reading (11, 12) (L) is a course for students wishing to broaden their reading and thinking abilities in preparation for upper level and college course work. Students will work as a class with a variety of short fiction selections and work independently on self-selected readings.

Reading Assignments: Students read fiction and nonfiction selections as well as a self-selected novel. Emphasis is placed on reading comprehension, independent analysis, and study skills to help improve reading and thinking abilities in preparation for post-secondary work.

Writing Assignments: Students write regular responses to assigned readings in addition to two essays.

Course Type	2nd Semester	Prerequisite	9th and 10th course requirements
Course Number(s)	EN23S2	Credit	1/2 unit English

Black Studies II (11, 12) (L) is an integrated curriculum course that examines Black American history. Curriculum includes English, social studies, and fine arts. Some assignments/activities may differ depending on whether or not students are taking the course for English credit or Social Studies credit.

Reading Assignments: In this integrated curriculum course, the students will read and analyze primary and secondary source documents, personal narratives, poetry, the novel *The Autobiography of Malcolm X*, and vast selections of historical narratives. The readings will examine the African American experience during World War I and the Great Migration, the Harlem Renaissance, the 1930's and the 1940's, the Civil Rights Movement of the 1950's and the 1960's, and contemporary times from the 1970's through the present.

Writing Assignments: The writing assignments include preparation for oral presentations about historical events and research for a collaborative assignment about the history and cultural relevance of American Hip Hop.

Course Type	2nd Semester	Prerequisite	9th & 10th course requirements
Course Number(s)	EN02S2 SS02S2	Credit	1/2 unit English or 1/2 unit Social Studies

Creative Writing (11, 12) (W) concentrates on poetry and fiction writing and techniques for developing creativity. The course provides the student the opportunity to develop fluency, style, and craftsmanship in their own creative work, to respond to a wide range of writing assignments, and to act as an editor of their own work and the work of classmates. Students produce a major final project/portfolio.

Reading Assignments: Readings include various short stories and poems from students and professionals as well as one choice fiction novel.

Writing Assignments: Students will participate in at least 2 formal writing workshops along with daily writing exercises. Students will apply use of literary devices discussed to write short stories. In addition to formal writing assessments, students may have alternative assessments including a video production project and a poetry slam presentation, providing students with the opportunity to develop fluency, style, and craftsmanship in their own creative work.

Course Type	2nd Semester	Prerequisite	9th & 10th course requirements
Course Number(s)	EN20S2	Credit	1/2 unit English

English for Speakers of Other Languages (9, 10, 11, 12) (L/W/S) provides non-native speakers with instruction in basic interpersonal language skills, with an emphasis on academic language acquisition and learning. All skill areas are developed through strands in listening, speaking, reading, and writing. Additional work is provided in American culture, grammar, pronunciation, and vocabulary. *This course does not meet the requirements for an NCAA core course in English.*

Course Type	1st & 2nd Semesters	Prerequisite	Teacher/Counselor placement
Course Number(s)	I: EN65S1/EN65S2 II: EN67S1/EN67S2 III: EN69S1/EN69S2 IV: EN73S1/EN73S2	Credit	1/2 unit English

Heroes: Biblical & Mythological (11, 12) (L) examines the interconnection between myths of Ancient Greece and the Old and New Testaments. Well-known myths, excerpts from *The Iliad* and *The Odyssey*, and selected Biblical passages are studied as literature. Assessments include at least two formal essays, four tests, and two major projects and/or presentations.

Reading Assignments: Students will read a variety of myths, with an emphasis on those that stem from Judeo-Christian and Greco-Roman cultures. Students will analyze the archetypes present within mythologies and explore Joseph Campbell's monomyth theory. Texts include Edith Hamilton's *Mythology*, Olivia Coolidge's *Greek Myths*, and the Old Testament.

Writing Assignments: Students will write two literary analysis essays that focus on the concept of "heroism." Students will also complete several creative application projects.

Course Type	1st Semester	Prerequisite	9th & 10th course requirements
Course Number(s)	EN09S2	Credit	1/2 unit English

Literary Analysis (10) (L) is designed to reinforce the skills taught in Composition with an emphasis on literary analysis. The course will include the study of plot, characterization, setting, point of view, atmosphere, symbolism, irony, and imagery to help the student discover theme in a piece of fiction. The course consists of participating in seminar discussions and activities, reading and analyzing short stories, poetry, and a novel. Assessment will include short writing assignments, exams, and major essays.

Reading Assignments: Students will read poetry, short stories, and a novel which may include *Lord of the Flies* or *Black Boy*. The reading component focuses on analyzing the use of literary elements in a written work and synthesizing the information into thematic ideas.

Writing Assignments: Students will complete 1 formal literary analysis paragraph, 2 formal literary analysis essays, and 1 in-class essay. The composition component involves thesis formation, organization, presentation and analysis of quoted evidence as well as mechanics and style.

Course Type	2nd Semester	Prerequisite	Composition
Course Number(s)	EN59S2	Credit	1/2 unit English

Philosophy and Literature (11, 12) (L) offers students the opportunity to compare their own values to those of the world's great thinkers. The class will introduce a variety of philosophical voices and study works of literature incorporating these ideas. Activities include unit exams, personal written and /or artistic responses to the ideas presented, and individual and group presentations. Students work with high levels of abstraction in reading, writing, speaking, and thinking.

Reading Assignments: Class readings offer students the opportunity to compare their own values to those of the world's great thinkers. Students study works of literature that incorporate these ideas. Authors covered might include Plato, Martin Luther King, Jr.; Gandhi, Machiavelli, Yann Martel, Aristotle, Descartes, Donald Hall, Christopher Phillips, and David Kirby.

Writing Assignments: Essays include a series of 5 short personal reflections on the ideas presented and a literary analysis essay.

Course Type	2nd Semester	Prerequisite	9th & 10th course requirements
Course Number(s)	EN51S2	Credit	1/2 unit English

Public Speaking (9, 10, 11, 12) (W/S) is a traditional public speaking course with a non-traditional approach. Students' work will progress from short impromptu, extemporaneous speeches to longer informative and persuasive speeches. Minor presentations will include speaking for special occasions. Students will set their own individual goals for improvement and work to achieve those goals. The overall grade will be based on preparation for, presentation of, and critique of oral presentations.

Writing Assignments: Students will construct outlines and manuscripts before presenting a variety of speeches. Students will also write personal reflections and construct written critiques of various presentations.

Speaking Assignments: Students will present a variety of speeches ranging from short impromptus and special occasion talks to extemporaneous speeches in addition to longer informative and persuasive speeches.

Course Type	2nd Semester	Prerequisite	None
Course Number(s)	EN95S2	Credit	1/2 unit English

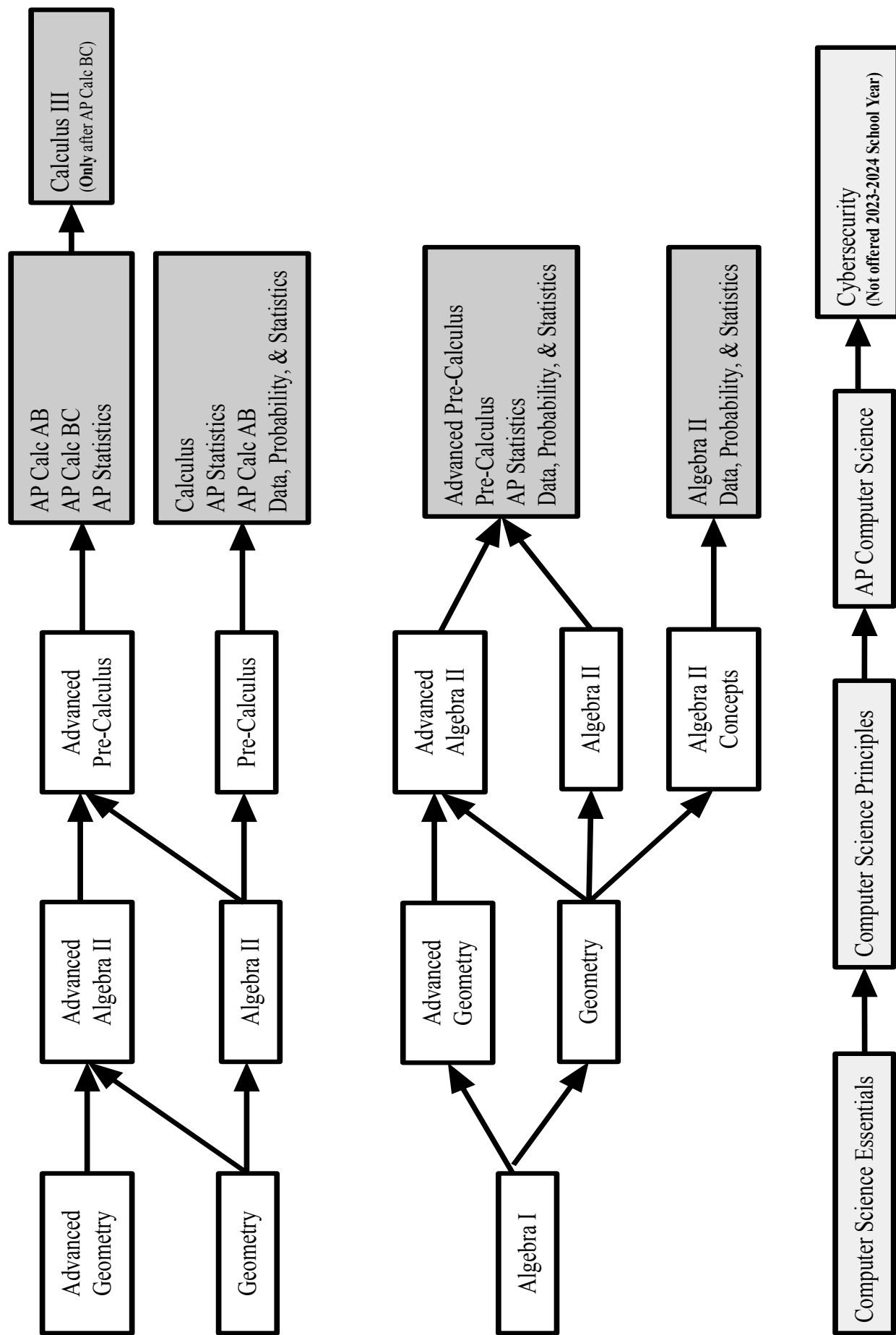
Science Fiction & Satire (11, 12) (L) examines the interconnections between science fiction and satire. This course seeks to explore science fiction's hope for the future, satire's humorous criticism, and the cautionary themes that both genres share. This course includes a satirical film, two novels, and various short stories. This course seeks to explore science fiction's hope for the future, satire's humorous criticism, and the cautionary themes that both genres share.

Reading Assignments: Students will read a variety of short stories and 2 novels to examine the interconnections between science fiction and satire. Authors studied might include Swift, Twain, Vonnegut, Dick, Adams, Ellison, and Card.

Writing Assignments: Students write regular responses to assigned readings in addition to an original short story, an essay, and 2 creative projects.

Course Type	2nd Semester	Prerequisite	9th & 10th course requirements
Course Number(s)	EN58S2	Credit	1/2 unit English

Mathematics



**If a student places into an advanced or AP course, they may always choose the on-level, non-AP course.*

High School Math Placement Grid

Students are placed in courses for which they have met the prerequisites. Should a placement change due to a 2nd semester grade, the teacher will communicate the change to the parent. Students wishing to have their placement reconsidered should complete a Math Placement Override Request Form, available from their classroom teacher. These are due to Dr. Beth Rapoff, brapoff@ladueschools.net, by the date posted on the form.

Current Course	Grade Earned	Appropriate Placement for Next Course
Algebra I	A in both semesters A, B, C, or D in both semesters F in any semester	Geometry or Advanced Geometry Geometry Repeat Algebra I
Geometry	A in both semesters A, B, or C in both semesters D in any semester F in any semester	Algebra II or Advanced Algebra II Algebra II Algebra II Concepts Repeat Geometry
Advanced Geometry	A or B in both semesters C or D in one semester F in any semester	Advanced Algebra II Algebra II Repeat Geometry (not Advanced Geometry)
Algebra II Concepts	A, B, C, or D in both semesters F in any semester	Algebra II or Data, Probability, & Statistics Repeat Algebra II Concepts
Algebra II	A in both semesters A, B, or C in both semesters D in any semester F in any semester	Pre-Calculus, AP Statistics, or Advanced Pre-Calculus Pre-Calculus, AP Statistics or Data, Probability, & Statistics Pre-Calculus or Data, Probability, & Statistics Repeat Algebra II
Advanced Algebra II	A or B in both semesters C or D in any semester F in any semester	Advanced Pre-Calculus Pre-Calculus Repeat Algebra II (not Advanced Algebra II)
Pre-Calculus	A in both semesters A or B in both semesters C or D in any semester F in any semester	Calculus or AP Calculus AB Calculus or AP Statistics Data, Probability, & Statistics Repeat Pre-Calculus
Advanced Pre-Calculus	A in both semesters A or B in both semesters C or D in any semester F in any semester	AP Calculus AB or AP Stats AP Calculus BC or AP Stats Calculus or Data, Probability, & Statistics Data, Probability, & Statistics
AP Calculus AB	A, B, or C in any semester	AP Statistics
AP Calculus BC	A or B in both semesters	Calculus III or AP Statistics

Math Department Course Offerings

<u>Course Title</u>	<u>Prerequisite Courses</u>	<u>Anything students should know when signing up for this course</u>	<u>Typical Assignment/Workload</u>	<u>Avg HW Hrs/Week</u>
Topics in Algebra (Elective Credit)	None	<ul style="list-style-type: none"> The course is taken concurrently with Algebra 1. Supports students with practice and review of previously learned skills Reviews and previews Algebra 1 Concepts and Skills 	<ul style="list-style-type: none"> Frequent assessments for understanding 	0-1
Algebra 1	Math 8	<ul style="list-style-type: none"> Students will gain a foundational understanding of algebra that they will need to be successful in all future math courses. Passing this course is a graduation requirement. There is summer work for this course 	<ul style="list-style-type: none"> Practice is assigned every class period. Frequent assessments for understanding 	1-2
Geometry	Algebra 1 (A, B, C, or D in both semesters)	<ul style="list-style-type: none"> Algebra 1 skills are incorporated throughout the course. There is summer work for this course. 	<ul style="list-style-type: none"> Practice is assigned every class period. Frequent assessments for understanding 	1-2
Advanced Geometry	Algebra 1 (A or B in Algebra 1 in 8th grade for all 4 quarters and taking all but 2 advanced chapter tests; A in both semesters of Algebra 1 at the high school level.)	<ul style="list-style-type: none"> Algebra 1 skills are incorporated throughout the course. There is summer work for this course. 	<ul style="list-style-type: none"> Practice is assigned every class period. Frequent assessments for understanding 	1-3

Math Department Course Offerings

Algebra 2 Concepts	Geometry (A, B, C, or D in both semesters)	<ul style="list-style-type: none"> This course is intended for juniors and seniors and does not meet the requirements for an NCAA core course. There is no summer work associated with this course. 	<ul style="list-style-type: none"> Practice is assigned every class period. Daily mastery checks for understanding 	1-2
Algebra 2	Geometry (A, B, or C, in both semesters)	<ul style="list-style-type: none"> This course requires a comprehensive understanding of Algebra I. There is summer work associated with this course. 	<ul style="list-style-type: none"> Practice is assigned every class period. Frequent assessments for understanding 	1-3
Advanced Algebra 2	Geometry (A in both semesters) Advanced Geometry (A or B in both semesters)	<ul style="list-style-type: none"> This course requires a comprehensive understanding of Algebra I. There is summer work associated with this course. 	<ul style="list-style-type: none"> Practice is assigned every class period. Weekly assessments for understanding 	1-3
Pre-Calculus	Advanced Algebra 2 or Algebra 2 (A, B, C, or D in both semesters)	<ul style="list-style-type: none"> This course requires a comprehensive understanding of Algebra 2 and expands on those topics. There is summer work associated with this course. 	<ul style="list-style-type: none"> Practice is assigned every class period. Frequent assessments for understanding 	2-3
Advanced Pre-Calculus	Algebra 2 (A both semesters) Advanced Algebra 2 (A or B in both semesters)	<ul style="list-style-type: none"> This course requires a comprehensive understanding of Algebra 2 and expands on those topics. There is an emphasis on problem solving and word problems. This class introduces new material every day. It is imperative to be present to gain a full understanding. 	<ul style="list-style-type: none"> Practice is assigned every class period. Weekly assessments for understanding Group work is a major component of this course. Students should be comfortable discussing mathematics and justifying their answers. 	1-3

Math Department Course Offerings

Calculus	Pre-Calculus (A or B in both semesters) Advanced Pre-Calculus	<ul style="list-style-type: none"> This course requires a comprehensive understanding of Pre-Calculus and expands on those topics. This class introduces new material every day. It is imperative to be present to gain a full understanding. There is summer work associated with this course. 	<ul style="list-style-type: none"> Practice is assigned every class period. Frequent assessments for understanding 	1-3
AP Calculus AB	Pre-Calculus (A in both semesters) Advanced Pre-Calculus (A or B in both semesters)	<ul style="list-style-type: none"> This course requires a comprehensive understanding of all prior math courses and expands on those topics. You must have a strong interest in and passion for learning new and challenging math. Calculus AB is not required for anything. You get to learn something new each and every class! Missing even one class will require a great amount of effort to catch up. There is summer work associated with this course. 	<ul style="list-style-type: none"> Practice is assigned every class period. You are expected to complete all assigned practice. You are expected to come in for help when you are struggling This course requires written justification of solutions in most lessons and all assessments. Be prepared to think and share your thoughts. 	<p>2-3 hours* if you attend each and every class period.</p> <p><i>*More if you miss a class or need to review concepts from Advanced Pre-Calculus.</i></p> <p><i>**More will be required as you prepare for the AP Exam.</i></p>
AP Calculus BC	Math Analysis (A in both semesters)	<ul style="list-style-type: none"> This is an exciting course! Students must have a strong interest in and passion for learning new and challenging math. AP Calculus BC is not required for anything (other than Calculus III, of course). Students will learn something new each and every class! Missing even one class will require a great amount of effort to catch up. 	<ul style="list-style-type: none"> Practice is assigned every class period. Students are expected to complete all assigned practices and turn it in Most class periods (90%) will begin with a brief skills and concept check on what students learned in the previous class that they will score and turn in This course requires written justification of solutions in most lessons and all assessments Students should be prepared to think and share their thoughts 	<p>2-3 hours* if present every class period.</p> <p><i>*More is students miss a class or need to review concepts from Math Analysis</i></p> <p><i>** More will be required as students prepare for the AP Exam</i></p>

Math Department Course Offerings

Calculus III	AP Calculus BC	You will need a strong interest in math and problem solving. This class focuses on Multivariable Calculus, group work, and an end of year project.	<ul style="list-style-type: none"> Practice is assigned every class period. Weekly challenge problems in groups 	1-2
AP Statistics	Advanced Pre-Calculus Pre-Calculus (A or B in both semesters) Advanced Algebra 2 Algebra 2 (A or B in both semesters)	<ul style="list-style-type: none"> This is a fun course! Your full participation is required each and every day - we will conduct many experiments and observations. You get to learn something new each and every class! Missing even one class will require a great amount of effort to catch up. 	<ul style="list-style-type: none"> Practice is assigned every class period. You are expected to complete all assigned practice and turn it in. This course requires more written work justification than other math courses. Be prepared to think and share your thoughts. 	2 hours** <i>**More will be required as you prepare for the AP Exam.</i>
CSE	None	<ul style="list-style-type: none"> This class is designed to be for individuals who have minimal experience in computer science. The class will focus primarily on block-based coding, and end with an introduction to Python. 	<ul style="list-style-type: none"> Partner/group work is a regular part of all Computer Science Courses. 	0-1
CSP	CSE (recommended)	<ul style="list-style-type: none"> This class is designed to be for individuals who have minimal experience in computer science. The class will focus on text-based coding using Python and end with an introduction to Java. 	<ul style="list-style-type: none"> Partner/group work is a regular part of all Computer Science Courses. 	0-1

Math Department Course Offerings

AP Computer Science	CSE or CSP	<ul style="list-style-type: none"> You must be a Junior or Senior to take this course. This class is designed to be for individuals who want to challenge themselves in computer science and extend the knowledge they have so far. This class is fast paced, but if you put in the effort, anyone can be successful. The entire class focuses on coding in Java. 	<ul style="list-style-type: none"> Partner/group work is a regular part of all Computer Science Courses. Bi-Weekly Quizzes Projects and extensions that require out-of-class work Activity submissions AP Classroom progress checks and FRQs to prepare for the AP Exam 	2 hours *More if you miss a class or are preparing for the AP Exam. **
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Mathematics

Mathematics courses are listed alphabetically.

For a sequential list of recommended courses, see the flow chart.

The sequence of mathematics courses is designed for students who elect to earn four units in mathematics.

Please note that mathematics placements are made using course prerequisites identified below. In order to request a review of a student's math placement, the proper paperwork must be completed and returned to Dr. Rapoff by **the date on the form..** The paperwork is available from any math teacher or from any guidance counselor.

Full Year Courses

Advanced Algebra II
 Advanced Geometry
 Advanced Placement Calculus AB
 Advanced Placement Calculus BC
 Advanced Placement Computer Science (PLTW)
 Advanced Placement Statistics
 Algebra I
 Algebra II
 Algebra II Concepts
 Calculus
 Calculus III
 Pre-Calculus
 Computer Science Principles (PLTW)

Computer Science Essentials (PLTW)
 Cybersecurity (PLTW) (not offered 2023-2024 school year)
 Data, Probability, & Statistics
 Digital Electronics (PLTW)
 Foundations of Math I-IV
 Fundamentals of Algebra I
 Fundamentals of Consumer Math
 Fundamentals of Geometry
 Fundamentals of Topics in Algebra
 Geometry
 Advanced Pre-Calculus
 Topics in Algebra *

It is recommended that if a student earns a D in any course, they should retake that course.

If a student fails a course, they must retake that course to continue in the math sequence.

*Elective credit only

Full Year Courses

Advanced Algebra II includes the course content of Algebra II plus topics in trigonometry and the theory of equations. The approach in Advanced Algebra II is more rigorous and abstract than in Algebra II. In the spring, these students will receive a review assignment to be completed during the summer before entering the course. Students will be assessed over this review material within the first two weeks of school.

Course Type	Full Year Course	Prerequisite	A in both semesters of Geometry A or B in both semesters of Advanced Geometry
Course Number(s)	MA64S1/ MA64S2	Credit	1 unit Math

Advanced Geometry presents traditional plane Euclidean topics with emphasis on algebraic applications. Deductive reasoning is applied in formal and informal proof format, and intuitive three-dimensional concepts are introduced. The approach in Advanced Geometry is more rigorous and abstract than in Geometry. In addition, in the spring semester prior to taking Advanced Geometry, the students will be given a review assignment to be completed during the summer before school begins. Students will be assessed over this review material within the first two weeks of school.

Course Type	Full Year Course	Prerequisite	A or B in Algebra I in 8th grade for all 4 quarters and taking all but 2 advanced chapter tests A in both semesters of Algebra I at the high school level
Course Number(s)	MA55S1/ MA55S2	Credit	1 unit Math

Advanced Placement Calculus AB is a course that covers functions, limits, derivatives, and applications of the derivative during the first semester; the integral with its applications is pursued second semester. Upon entering college, a student receiving AP credit in Calculus AB would normally enroll in a second semester calculus class. The use of graphing calculators is required. In addition, in the spring, these students will receive a review assignment to be completed during the summer before entering the course. The first assessment will cover the material in the summer packet.

Course Type	Full Year Course	Prerequisite	A in both semesters Pre-Calculus A or B in both semesters of Advanced Pre-Calculus
Course Number(s)	MA80S1/ MA80S2	Credit	1 unit Math

Advanced Placement Calculus BC is a course that covers all of the topics of Calculus AB plus advanced integration methods, the Calculus of parametric, polar, and vector-valued functions, sequence and series convergence, power and Taylor series. Students will develop fluency in analyzing functions, derivatives, and antiderivatives represented in a variety of ways: graphical, numerical, analytical, and verbal. Students will communicate Calculus concepts both orally and in well-written sentences and explain solutions to problems requiring thoughtful application of Calculus concepts. A student earning qualifying AP credit on the Calculus BC AP Exam is typically placed in a third semester college calculus class. In the spring prior to taking this course, students will receive a review assignment to be completed during the summer before entering the course.

Course Type	Full Year Course	Prerequisite	A in both semesters of Advanced Pre-Calculus
Course Number(s)	MA82S1/ MA82S2	Credit	1 unit Math

Advanced Placement Computer Science (PLTW) (11, 12) is substantially more than a programming course. It is equivalent to a first-year college course in computer science, which embodies the technical skills and methodologies enabling one to create computer-based solutions to real problems. Students will learn to develop appropriate algorithms and data structures using the JAVA computer programming language in solving problems. In addition, students will apply these skills in a variety of STEM labs and mini-projects.

Course Type	Full Year Course	Prerequisite	Computer Science Essentials or Computer Science Principles
Course Number(s)	MA42S1/ MA42S2	Credit	1 unit Math

Advanced Placement Statistics prepares students for advanced coursework in statistics or other fields, using statistical reasoning and for active, informed engagement with a world of data to be interpreted appropriately and applied wisely to make informed decisions. In this course students will use technology, interactive investigations, problem solving, and writing as they build conceptual understanding around three overarching ideas: 1) variation and distribution, 2) patterns and uncertainty, and 3) data-based predictions, decisions, and conclusions.

Course Type	Full Year Course	Prerequisite	Advanced Pre-Calculus A or B in both semesters of Pre-Calculus A or B in both semesters of Algebra II
Course Number(s)	MA30S1/ MA30S2	Credit	1 unit Math

Algebra I is a course that helps students discover patterns and relationships in nature and use mathematics to describes those patterns. Students will learn how to see structure in algebraic expressions, use the arithmetic of polynomials and rational expressions to solve problems, create equations that describe relationships, understand solving equations as a process of reasoning and explain the reasoning, and represent and solve equations and inequalities graphically.

Course Type	Full Year Course	Prerequisite	None
Course Number(s)	MA50S1/ MA50S2	Credit	1 unit Math

Algebra II reviews and strengthens the mathematical techniques of Algebra I and Geometry. Some topics studied are systems of three linear equations in three unknowns; factoring, solving and graphing quadratic equations; parent functions and their transformations; properties of exponents and radicals; polynomial functions; exponential and logarithmic functions; radical functions; rational functions; and trigonometry. In addition, in the spring semester prior to taking Algebra 2, the students will receive a review assignment to be completed during the summer before school begins.

Course Type	Full Year Course	Prerequisite	A, B, C, or D in Algebra 2 Concepts A, B, or C in both semesters of Geometry
Course Number(s)	MA60S1/ MA60S2	Credit	1 unit Math

Algebra II Concepts reviews and strengthens many of the mathematical techniques of Algebra I and Geometry. This course is designed for the student who may need to take Algebra II at a slower pace in order to achieve mastery. Topics include factoring, solving, and graphing quadratic equations; parent functions and their transformations; properties of exponents and radical; polynomial functions; exponential functions; radical functions; and right triangle trigonometry. This course is intended only for 11th and 12th grade students. ***This course does not meet the requirements for an NCAA core course in Math.***

Course Type	Full Year Course	Prerequisite	A, B, C, or D in both semesters of Geometry
Course Number(s)	MA61S1/ MA61S2	Credit	1 unit Math

Calculus is a course that focuses on functions, limits, derivatives, and applications of the derivatives are studied first semester; the integral with its applications is pursued second semester. This course is intended to offer students a survey of the Calculus. This course is an excellent choice for students who want a rigorous math course in their senior year. The use of graphing calculators is required. This course is intended for 12th graders. The coursework is on-line without a physical textbook. In addition, in the spring, these students will receive a review assignment to be completed during the summer before entering the course.

Course Type	Full Year Course	Prerequisite	Advanced Pre-Calculus or an A or B in Pre-Calculus for both semesters
Course Number(s)	MA79S1/ MA79S2	Credit	1 unit Math

Calculus III is a continuation of the material covered in AP Calculus BC. Topics covered include three-dimensional vectors, curves in two and three dimensions, quadric surfaces, partial derivatives, optimization in three dimensions, Lagrange multipliers, vector fields, two-dimensional, and three dimensional integrals. Graphing calculators and MAPLE software are used throughout the course in a variety of STEM labs and mini-projects.

Course Type	Full Year Course	Prerequisite	A or B in AP Calculus BC for both semesters
Course Number(s)	MA84S1/ MA84S2	Credit	1 unit Math

Pre-Calculus is a college-level course which builds upon skills introduced in Algebra II and Geometry. Topics emphasized are functions and graphs, polynomial and rational functions, exponential and logarithmic functions, and sequences. Topics emphasized in Trigonometry are circular functions, right and oblique triangles, identities, and equations. In addition, in the spring, these students will receive a review assignment to be completed during the summer before entering the course.

Course Type	Full Year Course	Prerequisite	Advanced Algebra II or Algebra II
Course Number(s)	MA68S1/MA68S2	Credit	1 unit Math

Computer Science Essentials (PLTW) (9, 10, 11, 12) is a course to expose students to computer science using visual, block-based programming which seamlessly transitions to text-based programming with languages such as Python to create apps, control Vex vehicles, and learn how to make computers work together to put their designs into practice. Students will apply computational thinking practices, build their vocabulary, and collaborate just as computing professionals do to create products that address topics and problems important to them. ***This course does not meet the requirements for an NCAA core course in math.***

Course Type	Full Year Course	Prerequisite	None
Course Number(s)	MA36S1/MA36S2	Credit	1 unit Math

Computer Science Principles (PLTW) (10, 11, 12) is a course in which students will use Python as a primary tool and incorporating multiple platforms and languages for computation, the course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. Computer Science Principles helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity, and simulation. This is an additional math credit not designed to replace a course from the standard math sequence.

This course does not meet the requirements for an NCAA core course in math.

Course Type	Full Year Course	Prerequisite	Computer Science Essentials Recommended
Course Number(s)	MA38S1/MA38S2	Credit	1 unit Math

Cybersecurity (PLTW) (11, 12) *NOT OFFERED 2023-2024 SCHOOL YEAR* is a full-year course which is designed to provide high school students with a solid foundation and basic skill set in this crucial new technology. In this course, students learn how to (1) authenticate, control access, and protect stored information; (2) apply and develop various cryptographic measures to secure information; (3) analyze network traffic flow and identify cybersecurity events, including signatures of malware attacks; (4) investigate cyber threats and attacks, using digital forensics; and (5) collaborate in cyber teams to develop and apply principles of cyber leadership and cyber ethics. In addition, as part of the course curriculum, students will have the opportunity to compete in Capture the Flag (CTF) cyber events such as Pico CTF. Pico CTF is sponsored by Carnegie Mellon University and places teams into an interactive environment and storyline where they must hack, decrypt, reverse engineer, and break different sandbox elements. This competition, which is the largest cybersecurity competition available to high school students, is designed to support their classroom learning of cybersecurity. ***This course does not meet the requirements for an NCAA core course in math.***

Course Type	Full Year Course	Prerequisite	A or B in AP Computer Science for both semesters
Course Number(s)	MA130S1/MA130S2	Credit	1 unit Math

Data, Probability, & Statistics (11, 12) is a course where students work with probability, data collection, descriptive and inferential statistics, probability, and technological tools to analyze statistics. The main focus of the course is on exploring data, planning a study, producing models using probability theory, and making statistical inferences. Students will work with statistical measures of centrality and spread, methods of data collection, methods of determining probability, binomial and normal distributions, hypothesis testing, and confidence intervals. Students will use multiple representations to present data including written descriptions, numerical statistics, formulas, and graphs.

Course Type	Full Year Course	Prerequisite	Algebra II or Algebra II Concepts
Course Number(s)	MA25S1/ MA25S2	Credit	1 unit Math

Digital Electronics (PLTW) (11, 12) is a course provides a foundation for students who are interested in electrical engineering, electronics, or circuit design. Students study topics such as combinational and sequential logic and are exposed to circuit design tools used in industry, including logic gates, integrated circuits, and programmable logic devices.

This course does not meet the requirements for an NCAA core course in Math.

Course Type	Full Year Course	Prerequisite	None
Course Number(s)	MA132S1/MA132S2	Credit	1 unit Math

Foundations of Math I-IV (9, 10, 11, 12) is a course designed to emphasize the development of essential mathematical skills (concepts of money/time/measurement and real-world problem solving). The curriculum is designed based on individual student needs as identified in their IEP's.

This course does not meet the requirements for NCAA core course in math.

Course Type	Full Year Course	Prerequisite	Recommendation only
Course Number(s)	I: MA90S1/MA90S2 II: MA91S1/MA91S2 III: MA92S1/MA92S2 IV: MA93S1/MA93S2	Credit	1 unit Math

Fundamentals of Algebra I is a course that helps students discover patterns and relationships in nature and uses mathematics to describe those patterns. Students will learn how to see structure in algebraic expressions, use the arithmetic of polynomials and rational expressions to solve problems, create equations that describe relationships, understand solving equations as a process of reasoning and explain the reasoning, and represent and solve equations and inequalities graphically. The curriculum is designed based on individual student needs as identified in their IEP's.

This course does not meet the requirements for an NCAA core course in math.

Course Type	Full Year Course	Prerequisite	Recommendation only
Course Number(s)	MA58S1/ MA58S2	Credit	1 unit Math

Fundamentals of Consumer Math is a course designed for students to learn real-life application of mathematical skills necessary for future success. Topics of study include applying algebraic and geometric concepts as they relate to essential skills such as financing, housing, cooking, and statistics. The curriculum is designed based on individual student needs as identified in their IEP's.

This course does not meet the requirements for an NCAA core course in math.

Course Type	Full Year Course	Prerequisite	Recommendation only
Course Number(s)	MA20S1/ MA20S2	Credit	1 unit Math

Fundamentals of Geometry is a course that provides a direct, simplified approach to the fundamentals of geometry in the plane. The objective is for students to develop basic geometric skills and vocabulary. The activities in the course are designed based on individual student needs as identified in their IEP's.

This course does not meet the requirements for an NCAA core course in math.

Course Type	Full Year Course	Prerequisite	Recommendation only
Course Number(s)	MA18S1/MA18S2	Credit	1 unit Math

Fundamentals of Topics in Algebra is a course that emphasizes operations with integers and fractions, and then lead to algebraic concepts such as patterns, linear equations, graphing, and factoring of algebraic expressions. This course does not meet the requirements for an NCAA core course in math. The activities in the course are designed based on individual student needs as identified in their IEP's.

This course does not meet the requirements for an NCAA core course in math.

Course Type	Full Year Course	Prerequisite	Recommendation only
Course Number(s)	MA22S1/ MA22S2	Credit	1 unit Math

Geometry presents traditional plane Euclidean topics with emphasis on algebraic applications. Deductive reasoning is applied in formal and informal proof format, and intuitive three-dimensional concepts are introduced. In addition, in the spring semester prior to taking Geometry, the students will be given a review assignment to be completed during the summer before school begins. No student receiving a grade of D or F for any quarter in Algebra I in eighth grade may enroll in Geometry in ninth grade.

Course Type	Full Year Course	Prerequisite	A, B, C or D in both semesters of Algebra I
Course Number(s)	MA52S1/ MA52S2	Credit	1 unit Math

Advanced Pre-Calculus prepares students for calculus. There is a strong emphasis on functions and their graphs. Quadratic, polynomial, logarithmic, exponential, trigonometric, circular functions, and limits are studied extensively. Additional topics include vectors, conic sections, sequences, and series. The use of graphing calculators is required. In addition, in the spring, these students will receive a review assignment to be completed during the summer before entering the course. Students will be assessed over this review material within the first two weeks of school.

Course Type	Full Year Course	Prerequisite	A in both semesters of Algebra II A or B in both semesters of Advanced Algebra II
Course Number(s)	MA71S1/ MA71S2	Credit	1 unit Math

Topics in Algebra is a course that will emphasize operations with integers and rational numbers and then lead to algebraic concepts such as manipulating algebraic expressions, solving linear equations and inequalities, analyzing functional relationships, and graphing.

This course does not meet the requirements for an NCAA core course in math.

Course Type	Full Year Course	Prerequisite	None
Course Number(s)	EL24S1/EL24S2	Credit	1 unit Elective

Physical Education and Health

Physical Education

Physical Education courses are listed alphabetically.

Semester Courses

First Semester

Adapted PE
PE 1
PE 2: Advanced Aquatic Experience
PE 2: Strength and Conditioning
PE 2: Holistic Wellness
PE 2: Lifetime Sports
PE 2: Low Impact Fitness
PE 2: Team Sports, Games, and Concepts

Second Semester

Adapted PE
PE 1
PE 2: Advanced Aquatic Experience
PE 2: Strength and Conditioning
PE 2: Adventure Pursuits (Outdoor Education)
PE 2: Holistic Wellness
PE 2: Lifetime Sports
PE 2: Low Impact Fitness
PE 2: Team Sports, Games, and Concepts

Physical Education Requirements

- All students are required to complete at least 1 unit (two semesters) of Physical Education.
 - Ninth graders must complete at least 1/2 unit (one semester) of physical education during their freshman year ***and should take PE1.***
- Physical Education consists of instruction in the following areas: Training and experience in team sports, lifetime sports, physical fitness routines, and pool/water safety.

Semester Courses

Adapted Physical Education (9, 10, 11, 12) is a physical education class for students with the need for smaller class size and individualized instruction in the least restrictive environment.

Course Type	1st and 2nd Semesters	Prerequisite	Recommendation only
Course Number(s)	PE12S1/PE12S2	Credit	1/2 unit Physical Education

PE 1 (9) is an entry- level physical education class. Activities in the class include pool and water safety, fitness center, team sports, lifetime sports, cardiovascular activities and awareness, along with fitness testing and assessments.

Course Type	1st and 2nd Semesters	Prerequisite	None
Course Number(s)	PE01S1/PE01S2	Credit	1/2 unit Physical Education

PE 2: Advanced Aquatic Experience (10, 11, 12) is a course that includes the skills of American Red Cross Lifeguarding. Under this scope there will be CPR-PR (for the professional rescuer), First Aid, and AED instruction. This course will also include PADI scuba diving instruction, advanced practice strokes, water safety skills, and small watercraft experience in the pool.

Course Type	1st and 2nd Semesters	Prerequisite	Swim 300 continuous yards using a combination of freestyle and breaststroke. Retrieve a 10lb. brick from the bottom of the pool and swim 20 yards. Tread water without the use of your hands in deep water for a period of two minutes and be able to tread or float for ten continuous minutes.
Course Number(s)	PE03S1/PE03S2	Credit	1/2 unit Physical Education

PE 2: Strength and Conditioning (10, 11, 12) is a course designed to improve strength, power, speed, agility, and endurance capacities. Workouts will take place in the indoor fitness centers and outside when weather permits. Students will learn about and apply the training principles of specificity and progressive overload and nutritional strategies that help them recover and adapt from their training.

Course Type	1st and 2nd Semesters	Prerequisite	PE 1
Course Number(s)	PE04S1/PE04S2	Credit	1/2 unit Physical Education

PE 2: Adventure Pursuits (Outdoor Education) (10, 11, 12) will introduce students to the importance of outdoor activities, team building concepts, critical thinking skills and survival/safety skills, along with emphasis in the fitness component of cardiovascular endurance. Activities may include hiking, camping, outdoor cooking, fire building, first aid/CPR, fishing, rock climbing, snorkeling/scuba, snow skiing, GPS navigating and self-defense. Students will be required to participate in all activities, including field trips.

Course Type	2nd Semester	Prerequisite	PE 1
Course Number(s)	PE06S2	Credit	1/2 unit Physical Education

PE 2: Holistic Wellness (10, 11, 12) is a course designed for students interested in enhancing core strength, toning muscles, improving flexibility, understanding and practicing personal nutritional needs, and caring for one's social and emotional wellness. Activities may include mindfulness, yoga, walking for fitness, Pilates, movements for muscular development, and studying nutritional and caloric needs.

Course Type	1st and 2nd Semesters	Prerequisite	PE 1
Course Number(s)	PE15S1/PE15S2	Credit	1/2 unit Physical Education

PE 2: Lifetime Sports (10, 11, 12) includes the application of lifetime activities, player etiquette, rules of play, skill techniques and safety regulations. Students will recognize that lifetime activities provide opportunities for positive interaction and application for physical diversity. Some examples of the lifetime sports played during class include frisbee golf, badminton, pickle ball, golf, swimming, tennis, and bowling.

Course Type	1st and 2nd Semesters	Prerequisite	PE 1
Course Number(s)	PE05S1/PE05S2	Credit	1/2 unit Physical Education

PE 2: Low Impact Fitness (10, 11, 12) is designed to improve student fitness levels and promote lifetime fitness. Various assessments will be used to develop students' understanding in regard to the importance of the five fitness components (cardiovascular fitness, muscular strength, muscular endurance, flexibility/and body composition) along with the fitness principles and FITT. Activities may include aerobic walking/jogging, jazzercise, yoga, pilates, tabata, self-defense, martial arts, Zumba, boot camp, spinning, shadowbiking, swimings, bowling, and ice skating.

Course Type	1st and 2nd Semesters	Prerequisite	PE 1
Course Number(s)	PE08S1/PE08S2	Credit	1/2 unit Physical Education

PE 2: Team Sports, Games, And Concepts (10, 11, 12) is an elective physical education class. The students will have units in fitness, basketball, flag football, floor hockey, softball, volleyball, water polo, etc. There will also be a concepts portion of the class where students will be given responsibility to coach and officiate during the class.

Course Type	1st and 2nd Semesters	Prerequisite	PE 1
Course Number(s)	PE07S1/PE07S2	Credit	1/2 unit Physical Education

Health

Semester Courses

First Semester
Health

Second Semester
Health

Health Requirements:

- a) All students must complete 1/2 unit of health education and CPR training during their freshman year.

Semester Courses

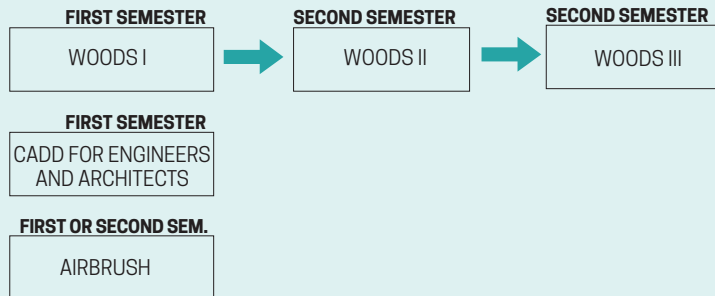
Health (9) includes topics such as personal wellness, mental health disorders, communicable and non-communicable diseases, CPR, nutrition, alcohol, drugs, tobacco, family life, and environmental health. Students will learn how to make healthy lifestyle choices in order to stay active and avoid diseases.

Course Type	1st and 2nd Semesters	Prerequisite	None
Course Number(s)	HL51S1/ HL51S2	Credit	1/2 unit Health

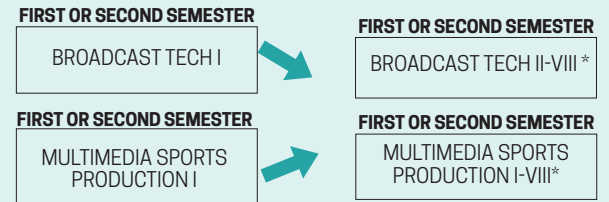
Practical Arts

Practical Arts

INDUSTRIAL TECHNOLOGY

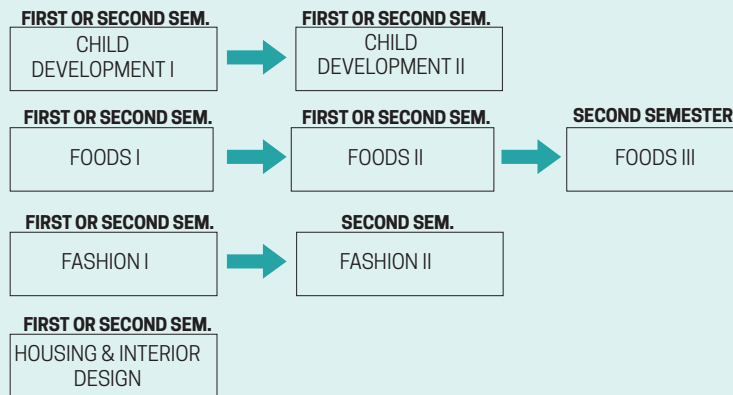


BROADCAST TECHNOLOGY

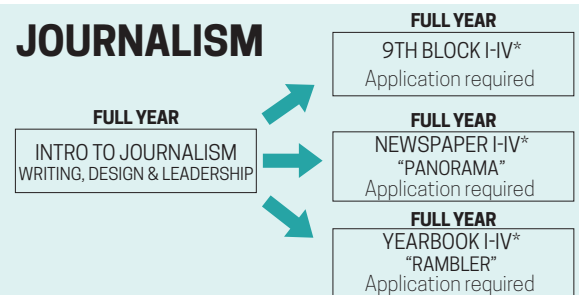


*Any intro broadcast class (Multimedia Sports Production I, Broadcast Tech I works as a prerequisite for the advanced courses

FAMILY & CONSUMER SCIENCES



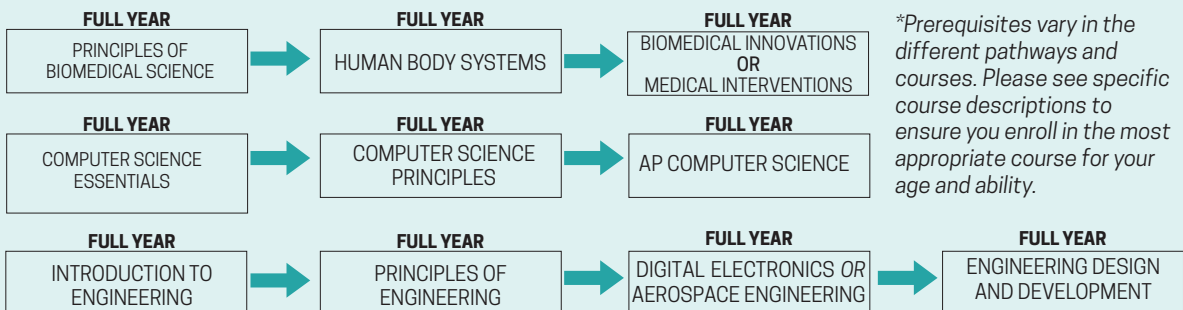
JOURNALISM



**Students who have taken a photography or graphic design course may apply to be on staff with teacher approval and complete application.

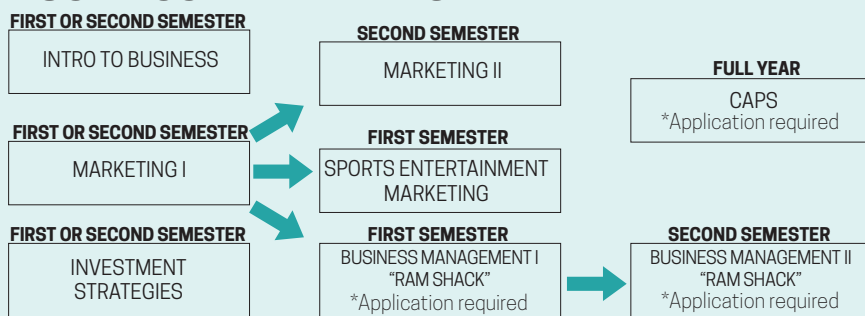
*Please see Mrs. Kirksey for an application.

PROJECT LEAD THE WAY



*Prerequisites vary in the different pathways and courses. Please see specific course descriptions to ensure you enroll in the most appropriate course for your age and ability.

BUSINESS/ MARKETING



*Please see Mrs. Kennedy or Mr. Geisz for an application.

Broadcast Technology

Broadcast Technology courses are listed alphabetically.

Semester Courses

First Semester

Broadcast Technology I
Broadcast Technology II - VIII
Multimedia Sports Production I - VIII

Second Semester

Broadcast Technology I
Broadcast Technology II - VIII
Multimedia Sports Production I - VIII

Semester Courses

Broadcast Technology I (9, 10, 11, 12) is designed to give journalistic and technical know-how in television production. Students not only learn how to create their own digital stories and television news broadcasts but also how to present them. Students develop camera presence and microphone technique and have the opportunity to work with cameras and editing. The second half of this course stresses the application of theories learned. Practical experience producing both news and feature programs is emphasized.

Course Type	1st and 2nd Semesters	Prerequisite	None
Course Number(s)	PA97S1/ PA97S2	Credit	1/2 unit Practical Arts

Broadcast Technology II - VIII (9, 10, 11, 12) is open for students based on successful completion of the Broadcast Technology I course. Students with experience in Broadcast Technology will work both individually and as a team to produce a variety of projects. Projects will build upon knowledge and skills learned in the Broadcast Technology sequence or similar experience. Projects will include the following: Public Service Announcements, Ladue School District video assignments, short film and feature stories for the monthly cable news magazine show *Ladue View*, live productions, and professional productions with instructor. Each student will work on individual projects which will form the basis of a video portfolio. These projects will be individually suited to each student's goals.

Course Type	1st and 2nd Semesters	Prerequisite	Broadcast Technology I
Course Number(s)	II: PA970S1/PA970S2 III: PA971S1/ PA971S2 IV: PA972S1/ PA972S2 V: PA973S1/PA973S2 VI: PA974S1/PA974S2 VII: PA975S1/PA975S2 VIII: PA976S1/PA976S2	Credit	1/2 unit Practical Arts

Multimedia Sports Production I - VIII (9, 10, 11, 12) is a course where students will write, direct, shoot, and edit sports multimedia videos to play on the Ladue athletic scoreboard during selected athletic events and games. Students will cover the fundamentals of sports multimedia content, camera shooting, sound, lighting, graphics, and editing, among other production skills. Students will work independently and in sports production teams to create multimedia content. Students will work in Ladue's fully-equipped, state-of-the-art Video Technology Center and shoot on location on Ladue's campus using HD digital camcorders and mobile devices. Students will edit digitally with iMovie and Final Cut Pro X. After successfully completing this course, students may move on to the advanced levels, or choose to follow a television or film pathway in Broadcast Technology II. Students in this sports production class will be invited to become a part of the Scoreboard Operations staff, which are paid positions by the district to work athletic events and/or games after school and on weekends.

Course Type	1st Semester	Prerequisite	None
Course Number(s)	I: PA910S1/PA910S2 II: PA912S1/PA912S2 III: PA914S1/PA914S2 IV: PA916S1/PA916S2 V: PA918S1/PA918S2 VI: PA920S1/PA920S2 VII: PA922S1/PA922S2 VIII: PA924S1/PA924S2	Credit	1/2 unit Practical Arts

Business Education

Business Education courses are listed alphabetically.

Full Year Courses

CAPS Business/Entrepreneurship

CAPS Humanities

Semester Courses

First Semester

Business Management I:
Ram Shack School Store
Introduction to Business
Investment Strategies
Marketing I
Sports and Entertainment Marketing

Second Semester

Business Management II:
Ram Shack School Store
Introduction to Business
Investment Strategies
Marketing I
Marketing II

Full Year Courses

CAPS Business/Entrepreneurship (11, 12) is an advanced entrepreneurial approach to education that is designed to give students real world business experience in a hands on learning environment. Students will have the opportunity to work with local businesses, discover passions in an authentic experiential learning environment, and foster a growth mindset while building self-confidence.

Course Type	1st and 2nd Semesters	Prerequisite	None
Course Number(s)	PA525S1/PA525S2	Credit	2 units Practical Arts

CAPS Humanities (11, 12) is an advanced experiential learning and professional immersion program that offers hands-on, real-world experiences in the humanities and social sciences. Areas that will be explored include communication, education, law, politics, and non profits, among others. Students in this program have the flexibility to explore an area of passion, including but not limited to developing a non profit business idea, interning in a law office, serving in a school or university, as well as other ideas to be explored with the student and instructor. Students will gain experience working with real professionals in the aforementioned fields, participating in site visits, as well as learning through meaningful projects. In addition to connecting with professionals in a wide variety of industries, students will have the opportunity to earn an internship with our partners. Students in this course may have the opportunity to win scholarships and funding for their ideas. Students taking CAPS Humanities may also participate in DECA, an association preparing leaders and entrepreneurs in marketing, finance, hospitality, and management.

Course Type	1st and 2nd Semesters	Prerequisite	None
Course Number(s)	PA535S1/PA535S2	Credit	2 units Practical Arts

Fall Semester Courses

Business Management I: Ram Shack School Store (11, 12) is a course in which students will develop an understanding of skills and resources necessary to manage the Ram Shack school-based enterprise. The knowledge and skills developed through the management process will include financial analysis, operations management, marketing information, market planning, product/service management, pricing, distribution/channel management, promotion, selling, and human resources management. As a requirement of this course, enrolled students will be expected to participate in a minimum of two school events outside of the regular class time to sell and promote the Ram Shack merchandise.

All students are required to join DECA, an international marketing organization, as DECA activities will be part of the curriculum. Students may participate in community service, fundraising, and professional development activities, as well as local, state, and international competitions.

Course Type	1st Semester	Prerequisite	Marketing I and Application
Course Number(s)	PA10S1	Credit	1/2 unit Practical Arts

Introduction to Business (9, 10) is a class designed to provide underclassmen with a solid foundation in business principles and practical skills through the use of interactive technology, presentations, and project management students are made aware of the integral role that they play in today's global economy. The units presented are economics, entrepreneurship, marketing, management, finance, and international business.

Course Type	1st and 2nd Semesters	Prerequisite	None
Course Number(s)	PA515S1/PA515S2	Credit	1/2 unit Elective

Investment Strategies (10, 11, 12) is a course based on the Missouri Personal Finance Competencies and presents essential knowledge and skills to make informed decisions about real-world financial issues. The course is designed to help the learner make wise investments, spending, saving, and credit decisions and to make effective use of income to achieve personal financial success. Students will spend a considerable amount of time learning concepts and strategies behind investing in stocks, bonds, and mutual funds through class discussions and The Stock Market Game, a program of the SIFMA Foundation. In The Stock Market Game, students work together to create and manage a virtual investment portfolio of real world stocks, bonds, and mutual funds.

Course Type	1st & 2nd Semesters	Prerequisite	None
Course Number(s)	PA07S1/ PA07S2	Credit	1/2 unit Practical Arts; In order to use this course to meet the Personal Finance requirement, the student must pass the Personal Finance Assessment within the state-determined testing window.

Marketing I (10, 11, 12) is a course in which students will gain a basic understanding of the fundamental marketing processes and an orientation to the American free enterprise system. Instruction will prepare students to perform essential marketing functions including selling, promotion, distribution, and pricing. Students will also begin to recognize and grasp the communication skills necessary to perform in a competitive business environment.

Course Type	1st & 2nd Semesters	Prerequisite	None
Course Number(s)	PA501S1/ PA501S2	Credit	1/2 unit Practical Arts

Sports and Entertainment Marketing (10, 11, 12) is a course that explores two of the most popular and profitable industries in our society. The diverse make-up of these markets includes professional and collegiate sports, concerts, film, television, and much more. In this course students will explore the world of sports and entertainment marketing while learning about promotion, global trends, selling activities, ethics, supply and demand, and career opportunities

Course Type	1st Semester	Prerequisite	Marketing I
Course Number(s)	PA516S1	Credit	1/2 unit Practical Arts

Spring Semester Courses

Business Management II: Ram Shack School Store (11, 12) is a course in which students will continue to develop an understanding of skills and resources necessary to manage the Ram Shack school-based enterprise as learned in Business Management I. Students will also learn the ethics, economics, communication, operation, and customer service needed to manage a business. As a requirement of this course, enrolled students will be expected to participate in a minimum of two school events outside of the regular class time to sell and promote the Ram Shack merchandise.

All the students are required to join DECA, an international marketing organization, as DECA activities will be part of the curriculum. Students may participate in community service, fundraising, and professional development activities, as well as local, state, and international competitions.

Course Type	2nd Semester	Prerequisite	Business Management I
Course Number(s)	PA08S2	Credit	1/2 unit Practical Arts

Introduction to Business (9, 10) is a class designed to provide underclassmen with a solid foundation in business principles and practical skills through the use of interactive technology, presentations, and project management students are made aware of the integral role that they play in today's global economy. The units presented are economics, entrepreneurship, marketing, management, finance, and international business.

Course Type	1st and 2nd Semesters	Prerequisite	None
Course Number(s)	PA515S1/PA515S2	Credit	1/2 unit Elective

Investment Strategies (10, 11, 12) is a course based on the Missouri Personal Finance Competencies and presents essential knowledge and skills to make informed decisions about real-world financial issues. The course is designed to help the learner make wise investments, spending, saving, and credit decisions and to make effective use of income to achieve personal financial success. Students will spend a considerable amount of time learning concepts and strategies behind investing in stocks, bonds, and mutual funds through class discussions and The Stock Market Game, a program of the SIFMA Foundation. In The Stock Market Game, students work together to create and manage a virtual investment portfolio of real world stocks, bonds, and mutual funds.

Course Type	1st & 2nd Semesters	Prerequisite	None
Course Number(s)	PA07S1/ PA07S2	Credit	1/2 unit Practical Arts; In order to use this course to meet the Personal Finance requirement, the student must pass the Personal Finance Assessment within the state-determined testing window.

Marketing I (10, 11, 12) is a course in which students will gain a basic understanding of the fundamental marketing processes and an orientation to the American free enterprise system. Instruction will prepare students to perform essential marketing functions including selling, promotion, distribution, and pricing. Students will also begin to recognize and grasp the communication skills necessary to perform in a competitive business environment.

Course Type	1st & 2nd Semesters	Prerequisite	None
Course Number(s)	PA501S1/ PA501S2	Credit	1/2 unit Practical Arts

Marketing II (10, 11, 12) is a course that will prepare students to perform in a competitive business environment based on the marketing functions learned in Marketing I. This course will concentrate on marketing and management in the industries of sports teams, sporting events, entertainment events, travel-related enterprises, tourism marketing and promotion strategies, fashion merchandising, and retail marketing. An introduction to the advertising industry through the creation, execution, transmission, and evaluation of commercial messages and promotions will also be explored.

Course Type	2nd Semester	Prerequisite	Marketing I
Course Number(s)	PA503S2	Credit	1/2 unit Practical Arts

Family and Consumer Sciences

Family and Consumer Science courses are listed alphabetically.

Semester Courses

First Semester

Advanced Cadet Teaching
Cadet Teaching
Child Development I
Child Development II
Fashion I
Foods I
Foods II
Housing and Design

Second Semester

Advanced Cadet Teaching
Cadet Teaching
Child Development I
Child Development II
Fashion I
Fashion II
Foods I
Foods II
Foods III
Housing and Design

Semester Courses

Advanced Cadet Teaching (11, 12) is a course of advanced study of education. Students will work with an elementary teacher to gain more in-depth knowledge and understanding of teaching. Students must provide their own transportation. Any student interested in this course must submit an application prior to the winter break preceding their scheduling meeting for the next school year. See counselor or a Practical Arts teacher for application.

Course Type	1st & 2nd Semesters	Prerequisite	Successful completion of Cadet Teaching
Course Number(s)	PA724S1/PA724S2	Credit	1/2 unit Elective

Cadet Teaching (11, 12) is a course in which students will explore the field of education in general, and teaching, specifically, by working with an elementary classroom teacher. Students will gain a realistic look at careers in education. Students must provide their own transportation. Any student interested in this course must submit an application prior to the winter break preceding their scheduling meeting for the next school year. See counselor or a Practical Arts teacher for application.

Course Type	1st & 2nd Semesters	Prerequisite	None
Course Number(s)	PA722S1/PA722S2	Credit	1/2 unit Elective

Child Development I (9, 10, 11, 12) is a course in which students will gain knowledge of the growth and development of young children and how to work effectively with young children through study and practice. Students will learn about pregnancy, childbirth, infants, toddlers, and preschoolers, parenting and discipline. Course work involves projects, observations of children, written work, tests, and field trips.

Course Type	1st & 2nd Semesters	Prerequisite	None
Course Number(s)	PA70S1/ PA70S2	Credit	1/2 unit Practical Arts

Child Development II (10, 11, 12) is a course in which students will have the opportunity to apply their knowledge of child development at the Ladue Early Childhood Center. Students will integrate information acquired in Child Development with observations, creation and implementation of lesson plans, and other assignments. Students must provide their own transportation.

Course Type	1st & 2nd Semesters	Prerequisite	C or higher in Child Development I
Course Number(s)	PA71S1/ PA71S2	Credit	1/2 unit Practical Arts

Fashion I (9, 10, 11, 12) is a course in which students will gain knowledge and skills related to clothing, merchandising, and hand and machine sewing. The skills and techniques that are developed through hands-on application can be applied to many careers in today's society. Course work may include projects, garment construction, use of the embroidery machine, field trips, and guest speakers.

Course Type	1st & 2nd Semesters	Prerequisite	None
Course Number(s)	PA47S1/ PA47S2	Credit	1/2 unit Practical Arts

Fashion II (9, 10, 11, 12) is an advanced-level fashion and sewing class. Students will be able to further their skills from Fashion I and apply them to garment construction. Students will work with a variety of patterns and fabrics and apply advanced sewing techniques to projects. Students will also spend time using the embroidery machine and learning about fashion designers.

Course Type	2nd Semester	Prerequisite	C or higher in Fashion I
Course Number(s)	PA48S2	Credit	1/2 unit Practical Arts

Foods I *(9, 10, 11, 12) is a course in which students will gain skills and knowledge in the study of nutrition, basic cooking principles, food preparation, meal planning, consumerism, and etiquette through study and practice. Students will learn to read and use recipes and have hands-on cooking experience using beginning to advanced techniques.

Course Type	1st & 2nd Semesters	Prerequisite	None
Course Number(s)	PA60S1/ PA60S2	Credit	1/2 unit Practical Arts

Foods II *(9, 10, 11, 12) is a course in which students will advance their cooking skills through lab preparations related to the study of people, customs, and foods of various regions of the world. Course work involves advanced and experimental food preparation labs, unit homework, unit quizzes, a report on the people and foods of a country, and a holiday cooking project.

Course Type	1st & 2nd Semesters	Prerequisite	C or higher in Foods I
Course Number(s)	PA64S1/ PA64S2	Credit	1/2 unit Practical Arts

Foods III *(10, 11, 12) is an advanced level food-course with an industry-driven curriculum. Students will explore critical components of the culinary industry as they further their knowledge in careers, pastry arts, lifestyle trends, plating/presentation, restaurant etiquette, menu production, catering, hospitality management, cost control, and shadowing/working with local professionals and restaurants.

Course Type	2nd Semester	Prerequisite	C or higher in Foods II
Course Number(s)	PA68S2	Credit	1/2 unit Practical Arts

Housing and Design (9, 10, 11, 12) is a course in which students will gain skills and knowledge that will help them make choices and meet life challenges related to their living environments. Topics include the study of various housing problems, architectural styles, current housing trends, decision-making skills related to renting and buying, decorating principles, floor plans, furniture styles and arrangement, and related careers. Resources include guest speakers, videos, field trips, and materials for an interior decorating project.

Course Type	1st & 2nd Semesters	Prerequisite	None
Course Number(s)	PA69S1/ PA69S2	Credit	1/2 unit Practical Arts

* All Foods courses require that students pass a safety and sanitation exam with an 80% or above in order to participate in labs (cooking). Students cannot enroll in these courses after the safety and sanitation unit has been completed.

Industrial Technology

Industrial Technology courses are listed alphabetically.

Full Year Course

Woodworking III

Semester Courses

First Semester

Airbrush
CADD for Engineers and Architects
Woodworking I
Woodworking II

Second Semester

Airbrush
Woodworking I
Woodworking II

Full Year Course

Woodworking III (10, 11, 12) is a full year course consisting of special problems in woodworking and project development centered on furniture design. The learner applies skills developed in Woodworking I and Woodworking II. The projects range from custom designed projects to the building of time-tested chairs and clocks from past centuries.

Course Type	Full Year Course	Prerequisite	Woodworking II
Course Number(s)	PA45S1/ PA45S2	Credit	1 unit Practical Arts

Fall Semester Courses

Airbrush (9, 10, 11, 12) will teach the student the basic operation of this relatively simple, yet versatile tool. Activities include basic shapes and applications. Students will also be taught techniques including masks, fabrics, and synthetic materials, but the major emphasis will be on student-chosen projects.

Course Type	1st & 2nd Semesters	Prerequisite	None
Course Number(s)	PA11S1/ PA11S2	Credit	1/2 unit Practical Arts

CADD for Engineers and Architects (CEA) (9, 10, 11, 12) is an introductory course in drafting and design. CEA covers traditional and Computer Aided Design and Drafting (CADD). Fusion 360 and Chief Architecture the primary programs used in this course.

Course Type	1st Semester	Prerequisite	None
Course Number(s)	PA113S1	Credit	1/2 unit Practical Arts

Woodworking I (9, 10, 11, 12) is a course in wood technology and practice covering project design and planning in wood, shaping, jointing, finishing, and industrial applications of wood structures.

Course Type	1st & 2nd Semesters	Prerequisite	None
Course Number(s)	PA42S1/ PA42S2	Credit	1/2 unit Practical Arts

Woodworking II (9, 10, 11, 12) involves advanced applications of machine, hand tools, and materials in furniture making and furniture design.

Course Type	1st & 2nd Semesters	Prerequisite	Woodworking I
Course Number(s)	PA43S1/ PA43S2	Credit	1/2 unit Practical Arts

Spring Semester Courses

Airbrush (9, 10, 11, 12) will teach the student the basic operation of this relatively simple, yet versatile tool. Activities include basic shapes and applications. Students will also be taught techniques including masks, fabrics, and synthetic materials, but the major emphasis will be on student-chosen projects.

Course Type	1st & 2nd Semesters	Prerequisite	None
Course Number(s)	PA11S1/ PA11S2	Credit	1/2 unit Practical Arts

Woodworking I (9, 10, 11, 12) is a course in wood technology and practice covering project design and planning in wood, shaping, jointing, finishing, and industrial applications of wood structures.

Course Type	1st & 2nd Semesters	Prerequisite	None
Course Number(s)	PA42S1/ PA42S2	Credit	1/2 unit Practical Arts

Woodworking II (9, 10, 11, 12) involves advanced applications of machine, hand tools, and materials in furniture making and furniture design.

Course Type	1st & 2nd Semesters	Prerequisite	Woodworking I
Course Number(s)	PA43S1/ PA43S2	Credit	1/2 unit Practical Arts

Project Lead the Way (PLTW)

PLTW courses are listed alphabetically.

Full Year Courses

AP Computer Science (PLTW)
Aerospace Engineering (PLTW) (not offered 2023-2024 school year)
Biomedical Innovations (PLTW) (not offered 2023-2024 school year)
Computer Science Principles (PLTW)
Computer Science Essentials (PLTW)
Cybersecurity (PLTW)

Digital Electronics (PLTW)
Engineering Design and Development (PLTW)
Human Body Systems (PLTW)
Introduction to Engineering Design (PLTW)
Medical Interventions (PLTW)
Principles of Biomedical Science (PLTW)
Principles of Engineering (PLTW)

Full Year Courses

Advanced Placement Computer Science (PLTW) (11, 12) (not offered 2023-2024 school year) is substantially more than a programming course. It is equivalent to a first-year college course in computer science, which embodies the technical skills and methodologies enabling one to create computer-based solutions to real problems. Students will learn to develop appropriate algorithms and data structures using the JAVA computer programming language in solving problems. In addition, students will apply these skills in a variety of STEM labs and mini-projects.

Course Type	Full Year Course	Prerequisite	Computer Science Essentials or Computer Science Principles
Course Number(s)	MA42S1/ MA42S2	Credit	1 unit Math

Aerospace Engineering (PLTW) (11, 12) (not offered 2023-2024 school year) is a course that propels students' learning in the fundamentals of atmospheric and space flight. As they explore the physics of flight, students bring the concepts to life by designing an airfoil, propulsion system, and rockets. They learn basic orbital mechanics using industry-standard software. They also explore robot systems through projects such as remotely operated vehicles. ***This course does not meet the requirements for an NCAA core course in science.***

Course Type	Full Year Course	Prerequisite	None
Course Number(s)	PA114S1 / PA114S2 SC114S1 / SC114S2	Credit	1 unit Practical Art or Science

Biomedical Innovations (PLTW) (12) (not offered 2023-2024 school year) is the capstone for the PLTW Biomedical Science pathway. In this course, students apply their knowledge and skills to answer questions or solve problems related to the biomedical sciences. Students design innovative solutions for the health challenges of the 21st century as they work through progressively challenging open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering, and public health. They have the opportunity to work on an independent project and may work with a mentor or advisor from a university, hospital, physician's office, or industry. Throughout the course, students are expected to present their work to an adult audience that may include representatives from the local business and healthcare community.

Course Type	Full Year Course	Prerequisite	C or higher in Human Body Systems
Course Number(s)	SC94S1/SC94S2	Credit	1 unit Science

Computer Science Essentials (PLTW) (9, 10, 11, 12) is being introduced to expose students to visual, block-based programming and seamlessly transition to text-based programming with languages such as Python to create apps and develop websites, and learn how to make computers work together to put their design into practice. They will apply computational thinking practices, build their vocabulary, and collaborate just as computing professionals do to create products that address topics and problems important to them. ***This course does not meet the requirements for an NCAA core course in Math.***

Course Type	Full Year Course	Prerequisite	None
Course Number(s)	MA36S1/MA36S2	Credit	1 unit Math

Computer Science Principles (PLTW) (10, 11, 12) is a course in which students will use Python as a primary tool and incorporating multiple platforms and languages for computation, the course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. Computer Science Principles helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity and simulation. This is an additional math credit not designed to replace a course from the standard math sequence.

This course does not meet the requirements for an NCAA core course in Math.

Course Type	Full Year Course	Prerequisite	Suggested completion of Computer Science Essentials
Course Number(s)	MA38S1/MA38S2	Credit	1 unit Math

Cybersecurity (PLTW) (11, 12) *NOT OFFERED 2023-2024 SCHOOL YEAR* is a full-year course which is designed to provide high school students with a solid foundation and basic skill set in this crucial new technology. In this course, students learn how to (1) authenticate, control access, and protect stored information; (2) apply and develop various cryptographic measures to secure information; (3) analyze network traffic flow and identify cybersecurity events, including signatures of malware attacks; (4) investigate cyber threats and attacks, using digital forensics; and (5) collaborate in cyber teams to develop and apply principles of cyber leadership and cyber ethics. In addition, as part of the course curriculum, students will have the opportunity to compete in Capture the Flag (CTF) cyber events such as Pico CTF. Pico CTF is sponsored by Carnegie Mellon University and places teams into an interactive environment and storyline where they must hack, decrypt, reverse engineer, and break different sandbox elements. This competition, which is the largest cybersecurity competition available to high school students, is designed to support their classroom learning of cybersecurity. ***This course does not meet the requirements for an NCAA core course in Math.***

Course Type	Full Year Course	Prerequisite	A or B in AP Computer Science for both semesters
Course Number(s)	MA130S1/MA130S2	Credit	1 unit Math

Digital Electronics (PLTW) (11, 12) is a course that provides a foundation for students who are interested in electrical engineering, electronics, or circuit design. Students study topics such as combinational and sequential logic and are exposed to circuit design tools used in industry, including logic gates, integrated circuits, and programmable logic devices.

This course does not meet the requirements for an NCAA core course in Math.

Course Type	Full Year Course	Prerequisite	None
Course Number(s)	PA132S1 / PA132S2	Credit	1 unit Practical Arts
	MA132S1/MA132S2	Credit	1 unit Math

Engineering Design and Development (PLTW) (11, 12) is a course in which the knowledge and skills students acquire throughout PLTW Engineering come together in EDD as they identify an issue and then research, design, and test a solution, ultimately presenting their solution to a panel of engineers. Students apply the professional skills they have developed to document a design process to standards, completing EDD ready to take on any post-secondary program or career.

Course Type	Full Year Course	Prerequisite	Completion of at least 2 different PLTW Engineering classes
Course Number(s)	PA111S1 / PA111S2	Credit	1 unit Practical Arts

Human Body Systems (PLTW) (10, 11, 12) is a course where students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis in the body. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases.

Course Type	Full Year Course	Prerequisite	C or higher in Principles of Biomedical Science
Course Number(s)	SC39S1/SC39S2	Credit	1 unit Science

Introduction To Engineering Design (PLTW) (9, 10, 11, 12) is focused on the design process and its application. Through hands-on projects, students apply engineering standards and document their work. Students use industry standard 3D modeling software to help them design solutions to solve proposed problems, document their work using an engineer's notebook, and communicate solutions to peers and members of the professional community.

Course Type	Full Year Course	Prerequisite	None
Course Number(s)	PA107S1/PA107S2	Credit	1 unit Practical Arts

Medical Interventions (PLTW) (11, 12) (offered on alternate years from Biomedical Innovations) is a third-year course of the Project Lead the Way Biomedical Path. Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

Course Type	Full Year Course	Prerequisite	C or higher in Human Body Systems
Course Number(s)	SC92S1/SC92S2	Credit	1 unit Science

Principles of Biomedical Science (PLTW) (9, 10, 11) is a course in which students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes, while allowing them to design their own experiments to solve problems. This is an additional science elective not designed to replace Biology, Chemistry, or Physics.

Course Type	Full Year Course	Prerequisite	If 9th grade standing then must be concurrent with Biology
Course Number(s)	SC32S1/SC32S2	Credit	1 unit Science

Principles of Engineering (PLTW) (10, 11, 12) is a survey course that exposes students to major concepts they will encounter in a postsecondary engineering course of study. Topics include mechanism, energy, statics, materials, and kinematics. They develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges, document their work, and communicate solutions. Students will apply concepts from geometry, algebra II, chemistry, and physics to solve engineering problems.

Course Type	Full Year Course	Prerequisite	Suggested completion of Intro to Engineering
Course Number(s)	PA109S1/PA109S2	Credit	1 unit Practical Arts

Journalism

Journalism courses are listed alphabetically.

Full Year Courses

Introduction to Journalistic Writing, Design and Leadership

Newspaper I/II/III/IV

Yearbook I/II/III/IV

IS: Journalism Independent Study I, II, III, IV

Full Year Courses

Introduction to Journalistic Writing, Design, and Leadership (9, 10, 11, 12) (L/W/S) is a year-long course where students will learn how to design the school newspaper and yearbook, write news stories, and work together in a highly collaborative environment. Students enrolled in this course will gain insight into the journalism field as well as skills for interviewing, story-crafting, editing, social media, and boosting audience engagement. Students will work with professional design software, such as Adobe InDesign, Illustrator, and Photoshop, to design publishable content. Students will also practice editing material for publication and leadership skills. This course prepares students to be on the newspaper and/or yearbook staff after completion. Students will also walk away with real-world problem-solving skills and communication tools that will help them in life after high school. This course is a prerequisite for Newspaper I and Yearbook I.

This course does not meet the requirements for an NCAA core course in English.

Course Type	Full Year Course	Prerequisite	None
Course Number(s)	PA818S1/PA818S2	Credit	1 unit Practical Arts
	EN818S1/EN818S2	Credit	1 unit English

Newspaper I, II, III, IV (9, 10, 11, 12) is a full-year publication laboratory class that produces Ladue's student newspaper, *Panorama*, and the student-run online school news website, LaduePublications.com. Students should have successfully completed Intro to Journalistic Writing, Design and Leadership. The class focuses on editorial and leadership skills, as well as writing, design, and photography essentials for publishing content. The *Panorama* staff is responsible for publishing 10 full-color issues a year and is student-led with editors making all content decisions for the paper. Photographers and artists may enroll in this class without taking the required prerequisite provided they have taken a photography class on DSLR cameras or a graphic design class with an Adobe Illustrator and InDesign focus. Any student who wants to enroll in this course must fill out an application from the *Panorama* adviser before signing up with a counselor.

Course Type	Full Year Course	Prerequisite	Intro to Journalistic Writing, Design and Leadership or Photo and Art I., and an application.
Course Number(s)	I: PA790S1/PA790S2 II: PA79S1/ PA79S2 III: PA81S1/ PA81S2 IV: PA83S1/ PA83S2	Credit	1 unit Practical Arts

Yearbook I, II, III, IV (9, 10, 11, 12) is a full-year publication laboratory class that produces Ladue's yearbook, *The Rambler*. Students should have successfully completed Intro to Journalistic Writing, Design and Leadership to enroll in this course. The class focuses on editorial and leadership skills, as well as writing, design, and photography essentials for publishing content. The *Rambler* staff is responsible for publishing the school yearbook and is student-led with editors making all content decisions for the publication. Photographers and artists may enroll in this class without taking the required Intro to Journalism class provided they have taken a photography class on DSLR cameras or a graphic design class with an Adobe Illustrator and InDesign focus. Any student who wants to enroll in this course must fill out an application from the *Rambler* adviser before signing up with a counselor.

Course Type	Full Year Course	Prerequisite	Intro to Journalistic Writing, Design and Leadership, Photo and Art I, and a Rambler application
Course Number(s)	I: PA800S1/PA800S2 II: PA80S1/ PA80S2 III: PA82S1/ PA82S2 IV: PA84S1/ PA84S2	Credit	1 unit Practical Arts

IS: Journalism Independent Study (9, 10, 11, 12) is a course designed for students who wish to contribute to the Panorama, LaduePublications.com, and/or the Rambler staff extra-curricularly as a ninth block class. Students must complete an application to be added onto the staff. Applications are available from the adviser towards the end of each semester for the approaching semester. This course provides an opportunity for students to be involved in the school publications and to work on assignments on the student's own schedule. Students who enroll as writers can expect at least one assignment for the Panorama or LaduePublications per month. Writers may also receive assignments from the Rambler Yearbook if interested. Students who enroll as photographers are required to shoot two assignments per month. Students who enroll as artists will receive 1-2 assignments from the Panorama per month and may receive requests from the Rambler and LaduePublications.com.

Students who wish to enroll in the ninth block class as a writer must have taken *Intro to Journalistic Writing, Design and Leadership* and must submit an application in order to be on staff.

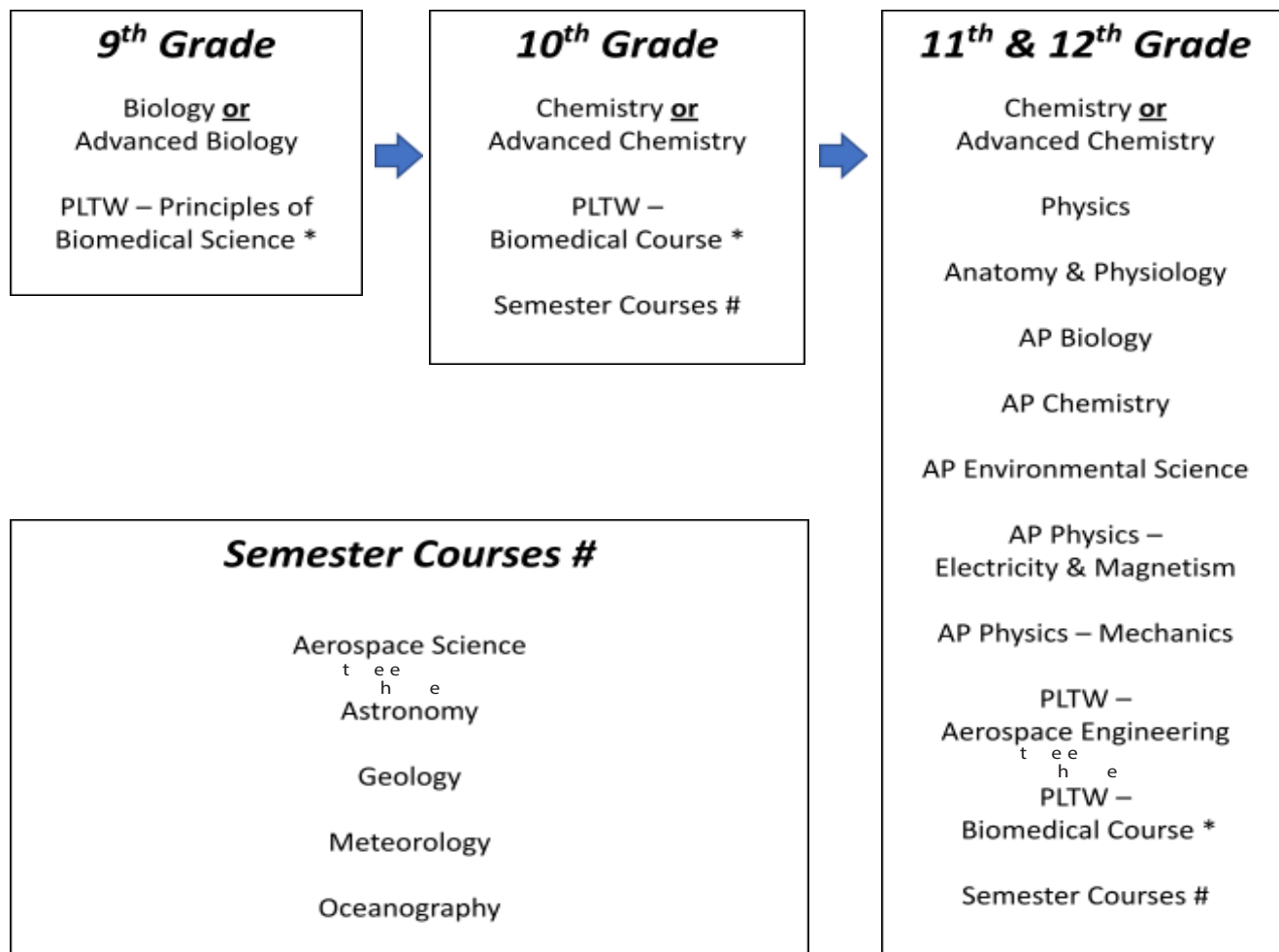
Students who wish to enroll in the ninth block class as a photographer should have completed Photography I, must be familiar with how to work a DSLR camera in manual mode, and must submit an application to be on staff.

Students who wish to enroll in the ninth block class as an artist should have completed Graphic Design, be familiar with Adobe Illustrator, and must submit an application to be on staff.

Course Type	Full Year Course	Prerequisite	Intro to Journalistic Writing, Design and Leadership or Photo and Art I or Graphic Design; and a Ninth Block Application
Course Number(s)	PA810S1/PA810S2	Credit	1 unit Practical Arts

Science

Science Flow Chart



Project Lead The Way (PLTW) – Biomedical Course Pathway *

- PLTW courses are science electives.

Prin. of Biomedical Science > Human Body Systems > Medical Interventions or Biomedical Innovations

Science Core & Elective Course Offerings (3 Credits for Graduation)

Course Title	Grade Level	Prerequisite Courses	Math & Data Analysis Expectations	Lexile Score	Writing Expectations	Typical Assignment/ Workload	Avg HW Hours/ Week
Biology	9	None	Prior knowledge from 8th grade. Simple data analysis	1000	1-2 sentences using data to support claims	Guided notes Textbook/article readings Review activities/study skills Studying vocabulary words Lab work	1
Chemistry	10-12	Biology or Advanced Biology AND C or higher in Algebra I for both semesters or successful completion of Geometry	Apply equations using algebraic functions Collect and use data to create a graph Apply percentages and fractions to equations	1000+	Respond to questions in short essay form using data	Daily homework and/or labs. Homework quizzes Short reading assignments and answer questions from reading	1-2
Physics	11-12	Concurrent enrollment in Algebra II. Recommend completion of Algebra II	Be able to solve systems of equations, quadratic equations, and apply right triangle trigonometry Draw a line on best fit and find the equation to describe the line	1000+	Be able to state scientific conclusions using data to support	Guided notes during class Lab work in groups during class Analysis questions and practice problems for homework. Textbook/article reading assignments	1-2
Earth Science Courses Astronomy (S1) Oceanography (S1) Geology (S2) Meteorology (S2)	10-12	Successful completion of 9th grade Biology	Introductory data & graph analysis & prediction Data collection, analysis & prediction Variety of map analysis	800 - 1000	1 complete lab write-up (scaffolded) 1-2 sentences using data to support claims	Guided notes Textbook/article readings Review activities/study skills Studying vocabulary words Lab work	1 (Mostly in-class work)

Science Core & Elective Course Offerings (cont.)

Course Title	Grade Level	Prerequisite Courses	Math & Data Analysis Expectations	Lexile Score	Writing Expectations	Typical Assignment/ Workload	Avg HW Hours/ Week
Aerospace Science (Not offered 2023-2024 school year)	10-12	Successful completion of 9th grade science	Record data and use it to improve models and support conclusions	800 - 1000	Short paragraphs and article reviews using data to support claims	Work cooperatively with peers to build, test, and improve model planes and rockets. Recorded data and observations from tests. Read and summarize findings from articles and other media	1 (Most work can be completed in class)
Anatomy & Physiology	11-12	Successful completion of Biology/Advanced Biology AND Chemistry/Advanced Chemistry	Designed for students who are interested in pursuing a career in the Medical/Allied Health Fields or a degree in Biology Lots of memorization, case studies, labs, Independent/group work required	1300+ College level book	1-2 paragraphs at the time using data as evidence	Reading 1+ section of the textbook and taking notes. Studying vocabulary words. Completing case studies Lab analysis questions Projects Time is always given in class to work on assignments	0-2 (Most work is done in class)
PLTW Biomedical Courses (Principles of Biomedical Science Human Body Systems Medical Interventions Biomedical Innovations	9-12 (Sequential course pathway)	PBS - None HBS - requires PBS MI* and/or BI* - requires HBS *alternate years	All four lab data analysis, descriptive statistics, defending claims, with evidence BI - analytical statistics	Progresses 900 (PBS) to 1300+ (BI)	Progresses Short paragraph rationale, conclusion reflections, to formal research paper (BI)	Project based Independent reading and research Collaborative research and projects Time provided in class for most assignments No regularly assigned homework Large projects require outside class time	0-2 (Project, most work is completed in class)

Science Core & Elective Course Offerings (cont.)

Course Title	Grade Level	Prerequisite Courses	Math & Data Analysis Expectations	Lexile Score	Writing Expectations	Typical Assignment/Workload	Avg HW Hours/Week
Comparative Anatomy (PAW5)	11-12	Biology/Advanced Biology Chemistry/Advanced Chemistry	Unit Conversion (fluid, mass) Dilutions Descriptive Statistics Biomedical evidence analysis - test results, sample analysis Must apply biomedical evidence to hands on lab/exam	1100 - 1300	Professional level examination summaries Client communications Approx 2 page research reports	Reading with note taking Lecture based notes Small group and independent investigation using web-based resources. Projects and practice labs Hands on teaching clinic once weekly or bi-weekly	0-2

Advanced or AP Science Course Offerings

Course Title	Grade Level	Prerequisite Courses	Math & Data Analysis Expectations	Lexile Score	Writing Expectations	Typical Assignment/Workload	Avg HW Hours/Week
Advanced Biology	9	None	Make and use data tale to create graph/chart Calculate mean, median, mode, and percentages/fractions	1000+	Write a formal lab report using data to support claims	Reading 1+ section of textbook/articles Labs Analyzing data sets Independent note taking/study skills	1-2
Advanced Chemistry	10-12	Biology/Advanced Biology Concurrent enrollment in Algebra II	Apply equations using algebraic functions Collect and use data to create a graph Familiarity with the metric system and scientific notation Apply percentages and fractions to equations	1100+	Respond to questions in short essay form using data	Weekly textbook reading Daily homework and/or labs Independent note taking/studying	2-4

Advanced or AP Science Course Offerings (cont.)

Course Title	Grade Level	Prerequisite Courses	Math & Data Analysis Expectations	Lexile Score	Writing Expectations	Typical Assignment/Workload	Avg HW Hours/Week
AP Biology	11-12	Biology/Advanced Biology Chemistry/Advanced Chemistry	Calculate mean, median, mode, and percentages/fractions Solving equations using algebraic functions Analyze data	1300+ College Level Textbook	Writing a formal lab report Being able to respond to questions in short essay form using data	Reading 1-2 sections from text and taking notes per class Lab write ups Reinforcement activities	3-5
AP Chemistry	11-12	Successful completion of Chemistry or Advanced Chemistry (recommended) and successful completion of Algebra II	Strong algebraic skills, being able to derive equations from other equations Dimensional analysis and understand fractions and percentages Must be able to understand Algebra II concepts such as log properties and graphing Must be able to complete math problems with out using a calculator	1200+ AP Edition for High School	Writing all labs in a lab notebook and submitting formal lab reports Being able to respond to questions in short essay using data and providing justification from data	Completing a pre-lab in lab notebook Independent reading and note taking and completing practice problems in textbook Daily homework End of unit problem sets	4-5
AP Environmental Science	11-12	Biology Chemistry	Dimensional Analysis Calculate percentages and rates Algebra Analyze data	1300+ College Level Book	Respond to questions in essay format	Taking notes at home Reading 1 section every night Reinforcement activities Projects that were not finished with the class time given	2-4
AP Physics Mechanics	11-12	Calculus, AP Calculus AB, or AP Calculus BC (or concurrent enrollment)	Algebra, Geometry, Trigonometry, and Calculus (basic derivatives and Integrals) Analyze data and develop mathematical models	1000+	Short answer essay questions	Conduct and analyze labs Complete online homework problems (Mastering Physics) Occasional short reading assignments	2

Advanced or AP Science Course Offerings (cont.)

Course Title	Grade Level	Prerequisite Courses	Math & Data Analysis Expectations	Lexile Score	Writing Expectations	Typical Assignment/ Workload	Avg HW Hours/ Week
AP Physics – Electricity & Magnetism	11-12	Physics or AP Physics-Mechanics Calculus AP Calculus AB AP Calculus BC	Algebra, Geometry, Trigonometry, and Calculus (advanced techniques in both derivatives and integrals) Analyze data and develop mathematical models	1000+	Short answer essay questions	Conduct and analyze labs Complete online homework problems (Mastering Physics) Occasional short reading assignments	1-2

Science

Science courses are listed alphabetically.

For a sequential list of recommended courses, see the flow chart on the previous page.

Full Year Courses

Aerospace Engineering (PLTW) (not offered 2023-2024 school year)
Advanced Biology
Advanced Chemistry
Advanced Placement Biology
Advanced Placement Chemistry
Advanced Placement Environmental Science
Advanced Placement Physics-Electricity & Magnetism
Advanced Placement Physics-Mechanics
Anatomy & Physiology

Biomedical Innovations (PLTW) (not offered in 2023-2024 school year)
Biology
Chemistry
Comparative Anatomy & PAWS
Foundations of Science
Human Body Systems (PLTW)
Medical Interventions (PLTW)
Physics
Principles of Biomedical Science (PLTW)

Semester Courses

First Semester

Aerospace Science
Astronomy
Oceanography

Second Semester

Aerospace Science
Geology
Meteorology

Full Year Courses

Aerospace Engineering (PLTW) (11, 12) (not offered 2023-2024 school year) is a course that propels students' learning in the fundamentals of atmospheric and space flight. As they explore the physics of flight, students bring the concepts to life by designing an airfoil, propulsion system, and rockets. They learn basic orbital mechanics using industry-standard software. They also explore robot systems through projects such as remotely operated vehicles. ***This course does not meet the requirements for an NCAA core course in science.***

Course Type	Full Year Course	Prerequisite	None
Course Number(s)	PA114S1 / PA114S2 SC114S1 / SC114S2	Credit	1 unit Practical Arts or Science

Advanced Biology (9) is intended to provide the science-focused student with the opportunity to experience a more rigorous study of biological concepts. The topics covered will mirror those found in the Biology course but will be covered in more depth. Additional topics may be explored as well. Students enrolled in this class are expected to be highly motivated and independent learners. Completion of a summer packet covering basic problem solving, scientific notation, metric measurement and conversion, interpreting graphs, and reasoning is required. This is a laboratory course.

Course Type	Full Year Course	Prerequisite	A or B in 8th grade science for all 4 quarters
Course Number(s)	SC38S1/ SC38S2	Credit	1 unit Science

Advanced Chemistry (10, 11, 12) is intended to provide the science-motivated student with the opportunity to experience a more rigorous study of chemical concepts. The topics explored will mirror those found in the Chemistry course but will be covered at a faster pace, in greater depth, and involve more difficult problem solving. Additional topics may be explored as well. Students enrolled in this laboratory course are expected to be independent learners with advanced mathematical skills.

Course Type	Full Year Course	Prerequisite	Successful completion of Biology or Advanced Biology and Geometry or Advanced Geometry
Course Number(s)	SC42S1/ SC42S2	Credit	1 unit Science

Advanced Placement Biology (11, 12) is designed for students who are interested in pursuing a career in the Life, Allied Health, or Veterinary Sciences. It is an accelerated, challenging, elective course that utilizes a 100+-level college textbook. Students are expected to maintain a research laboratory notebook throughout the course, design their own experimental protocols, write multiple argumentative essays, and work independently in order to cover the large amount of subject material that is expected from this College Board course. It is very strongly recommended that students must have completed their prerequisites with at least a B in order to meet with success in this course.

Course Type	Full Year Course	Prerequisite	Successful completion of Chemistry or Advanced Chemistry and successful completion of Biology or Advanced Biology
Course Number(s)	SC54S1/ SC54S2	Credit	1 unit Science

Advanced Placement Chemistry (11, 12) is designed to be the equivalent of a general chemistry course usually taken during the first year of college. This course is designed to provide students with sufficient depth and breadth of understanding of chemical fundamentals, competence in dealing with chemical calculations, and experience in the nature and variety of laboratory experiments equivalent to that of a typical college course. A substantial portion of class time is spent on exploring topics through chemical problem solving, and the behavior of chemical systems is investigated in this laboratory course. Students who enroll in this class may receive college credit through successful performance on the Advanced Placement Chemistry examination of the College board.

Course Type	Full Year Course	Prerequisite	Successful completion of Advanced Chemistry or an A in Chemistry for both semesters (recommended) and successful completion of Algebra II
Course Number(s)	SC56S1/ SC56S2	Credit	1 unit Science

Advanced Placement Environmental Science (11, 12) is designed to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. This is a laboratory course. Students who enroll in this class may receive college credit through successful performance on the Advanced Placement examination of the College Board. Students are recommended to have earned a B or better in all prerequisite courses.

Course Type	Full Year Course	Prerequisite	Successful completion of Biology or Advanced Biology and Chemistry or Advanced Chemistry
Course Number(s)	SC65S1/ SC65S2	Credit	1 unit Science

Advanced Placement Physics - Electricity And Magnetism (11, 12) is a one-year, college level course in calculus-based physics covering electrostatics, circuits, magnetostatics, and electromagnetic induction. Students who enroll in this class may receive college credit through successful performance on the Advanced Placement Physics examination of the College Board. This is a laboratory course. Students are recommended to have a “B” or better in all prerequisite courses.

Course Type	Full Year Course	Prerequisite	AP Physics – Mechanics and Calculus AB or Calculus BC
Course Number(s)	SC60S1/ SC60S2	Credit	1 unit Science

Advanced Placement Physics - Mechanics (10, 11, 12) is a one-year, college level course in calculus-based physics covering kinematics, dynamics, energy, momentum, gravitation, and simple harmonic motion. Students who enroll in this class may receive college credit through successful performance on the Advanced Placement Physics examination of the College Board. This is a laboratory course. Students are recommended to have a “B” or better in all prerequisite courses.

Course Type	Full Year Course	Prerequisite	Biology or Advanced Biology, Chemistry or Advanced Chemistry (or concurrent enrollment), and Calculus (or concurrent enrollment)
Course Number(s)	SC62S1/ SC62S2	Credit	1 unit Science

Anatomy and Physiology (11, 12) is an accelerated, challenging, elective course that utilizes a 300-level+ college textbook and is designed for students who are interested in pursuing a career in the Allied Health Fields, a degree in Biology, or who want to learn more about the human body. Students will be expected to complete all laboratory activities which will include histology, forensic anthropology, dissections, and manipulation of various pieces of equipment that would be used to analyze the health of a patient. It is strongly recommended that students have completed their prerequisites with at least a B in order to be successful in this course.

Course Type	Full Year Course (A and B)	Prerequisite	Successful completion of Biology or Advanced Biology and Chemistry or Advanced Chemistry
Course Number(s)	SC18S1/ SC18S2	Credit	1 unit Science

Biology (9) is a comprehensive laboratory course designed around major concepts including cell structure, molecular biology, genetics, evolutionary theory, and ecology. Classroom activities, laboratory experiments, and assignments are designed to stimulate critical thinking skills through the analysis and application of learned material and prior knowledge.

Course Type	Full Year Course	Prerequisite	None
Course Number(s)	SC34S1/ SC34S2	Credit	1 unit Science

Biomedical Innovations (PLTW) (12) (not offered 2023-2024 school year) is the capstone for the PLTW Biomedical Science pathway. In this course, students apply their knowledge and skills to answer questions or solve problems related to the biomedical sciences. Students design innovative solutions for the health challenges of the 21st century as they work through progressively challenging open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering, and public health. They have the opportunity to work on an independent project and may work with a mentor or advisor from a university, hospital, physician's office, or industry. Throughout the course, students are expected to present their work to an adult audience that may include representatives from the local business and healthcare community.

Course Type	Full Year Course	Prerequisite	C or higher in Human Body Systems
Course Number(s)	SC94S1/SC94S2	Credit	1 unit Science

Chemistry (10, 11, 12) is the study of the chemical elements, the compounds they form, the reactions they undergo, and the energy changes occurring in chemical and physical processes. This is a laboratory course. Students are recommended to have a C or better in all prerequisite courses.

Course Type	Full Year Course	Prerequisite	Successful completion of 9th grade science and an A, B, or C in Algebra I or successful completion of Geometry
Course Number(s)	SC40S1/ SC40S2	Credit	1 unit Science

Comparative Anatomy & PAWS (11,12) provides students with the opportunity to run a veterinary wellness clinic while learning about the animals, systems, and technologies you use! Students will participate in the operation and clinical responsibilities of an on-site veterinary wellness clinic while studying the anatomy and physiology of common domestic species, dogs and cats, and others, as related to human anatomy and physiology and applied to the maintenance of animal and human wellness. This course is a combination of classwork, laboratory, and career skills development.

This course is repeatable for credit

Course Type	Full Year Course	Prerequisite	Biology/Advanced Biology Chemistry/Advanced Chemistry
Course Number(s)	SC96S1/SC96S2	Credit	1 unit Science

Foundations of Science (9, 10, 11, 12) provides students with essential skills to understand science in today's society. This course explores concepts within the earth and life sciences. In addition, this course incorporates healthy living principles and affords students with the hands-on opportunity of sustaining a community garden. This course is individualized according to students' needs as identified in their IEP's. ***This course does not meet the requirements for an NCAA core course in science.***

Course Type	Full Year Course	Prerequisite	Recommendation only
Course Number(s)	SC79S1/SC79S2	Credit	1 unit Science

Human Body Systems (PLTW) (10, 11, 12) is a course where students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis in the body. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases.

Course Type	Full Year Course	Prerequisite	C or better in Principles of Biomedical Science
Course Number(s)	SC39S1/SC39S2	Credit	1 unit Science

Medical Interventions (PLTW) (offered on alternate years from Biomedical Innovations) (11, 12) is a third-year course of the Project Lead the Way Biomedical Path. Students who have completed PBS, HBS and B1 should take this course as their fourth year course. Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of biomedical interventions.

Course Type	Full Year Course	Prerequisite	C or higher in Human Body Systems
Course Number(s)	SC92S1/SC92S2	Credit	1 unit Science

Physics (11, 12) includes the study of motion, force, momentum, energy, electricity, magnetism, light, and sound. This is a laboratory course. Students are recommended to have a C or better in all prerequisite courses.

Course Type	Full Year Course	Prerequisite	Successful completion of 9th and 10th grade science courses and Algebra II (or concurrent enrollment)
Course Number(s)	SC53S1/ SC53S2	Credit	1 unit Science

Principles of Biomedical Science (PLTW) (9, 10, 11) is a course in which students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes, while allowing them to design their own experiments to solve problems. This is an additional science elective not designed to replace Biology, Chemistry or Physics.

Course Type	Full Year Course	Prerequisite	If 9th grade standing then must be concurrent with Biology
Course Number(s)	SC32S1/SC32S2	Credit	1 unit Science

Fall Semester Courses

Aerospace Science (10, 11, 12) (not offered 2023-2024 school year) is a project based, hands-on learning environment. Through the construction and testing of their projects, students will learn about aerospace science, engineering, and design. This is a laboratory course.

Course Type	1st and 2nd Semesters	Prerequisite	Successful completion of 9th grade science
Course Number(s)	SC24S1	Credit	1/2 unit Science

Astronomy (10, 11, 12) is the study of the formation of the universe and the exploration of our solar system. Major units of study will cover the Big Bang Theory, the formation of stars and solar systems, famous astronomers, the "Race for the Moon," and the current missions to Mars and the outer planets. Time will be spent discussing the formation of life on earth and the possibility of life on other planets. This is a laboratory course.

Course Type	1st Semester	Prerequisite	Successful completion of 9th grade science
Course Number(s)	SC12S1	Credit	1/2 unit Science

Oceanography (10, 11, 12) is a broad study of the ocean and past, present, and future human impact upon the marine environment. This laboratory course includes the following topics: the chemistry and physical properties of ocean water, ocean-Earth geology, ocean-air meteorology, ocean-sun-moon astronomy, ocean-freshwater hydrology, and ocean-organism biology.

Course Type	1st Semester	Prerequisite	Successful completion of 9th grade science
Course Number(s)	SC15S1	Credit	1/2 unit Science

Spring Semester Courses

Aerospace Science (10, 11, 12) is a project based, hands-on learning environment. Through the construction and testing of their projects, students will learn about aerospace science, engineering, and design. This is a laboratory course.

Course Type	2nd Semester	Prerequisite	Successful completion of 9th grade science
Course Number(s)	SC24S2	Credit	1/2 unit Science

Geology (10, 11, 12) is the study of the dynamic Earth and the intricate systems that make our home unique in the solar system. Major units of study will cover geologic time, dinosaurs and early mammals, plate tectonics, the volcanoes of the Cascade Range and Hawaii, the formation of the mountains and oceans, the impact of glaciers, and the rock cycle. This is a laboratory course.

Course Type	2nd Semester	Prerequisite	Successful completion of 9th grade science
Course Number(s)	SC20S2	Credit	1/2 unit Science

Meteorology (10, 11, 12) is the study of the mechanisms responsible for our ever-changing weather. This course will emphasize the importance of the sun's energy for generating the water cycle as well as the wind and ocean currents that disperse the energy throughout the world. Major topics of study will include the solar energy budget and energy transfer, atmospheric and oceanic circulation, the hydrologic cycle, controls of weather, climates, and the monitoring and forecasting of weather. This is a laboratory course.

Course Type	2nd Semester	Prerequisite	Successful completion of 9th grade science
Course Number(s)	SC13S2	Credit	1/2 unit Science

Social Studies

Social Studies Course Flow Chart

	9th Grade	10th Grade	11th Grade	12th Grade
Full Year Courses	World History and Geography	AP European History AP World History The History of St. Louis The History of Social Change U.S. Int. Relations: Post-WWII	U.S. History or AP U.S. History (required) Optional Electives	AP U.S. Government & Politics* (or U.S. Government & Politics semester course) (required) Optional Electives
Semester Courses		Current Events Sustainable Investigations	Black Studies I Sem. 1 Black Studies II Sem. 2 Current Events Sem. Sustainable Investigations	U.S. Government & Politics* (or AP U.S. Government & Politics full year course) (required) Optional Electives Sustainable Investigations

* Courses containing the required U.S. and Missouri Constitution tests.

Social Studies Advanced Placement Course Offerings

Course Title	Grade Level	Prerequisite Courses	Lexile Score	Writing Expectations	Typical Assignment/Workload	Avg HW Hours/Week
AP World History	10-12	World History and Geography English 9	1300	Must be able to demonstrate analysis and synthesis of ideas/concepts to succeed on the AP exam	7-10 pages of textbook reading nightly; assessments comprise the majority of the grade. *Students must demonstrate the ability to organize their time and assignments effectively. This is a big leap from World History!	3
AP European History	10-12	World History and Geography English 9	1300	Must be able to demonstrate analysis and synthesis of ideas/concepts to succeed on the AP exam	7-10 pages of textbook reading nightly; assessments comprise the majority of the grade. *Students must demonstrate the ability to organize their time and assignments effectively. This is a big leap from World History!	3
AP United States History	11-12	English 9 Lit Analysis/ALA	1300	Must be able to demonstrate analysis and synthesis of ideas/concepts to succeed on the AP exam	10-15 pages of textbook reading per class, open-note quizzes, summer assignment. Assessments comprise the majority of class grade.	4-5
AP U.S. Government	12	English 9 Lit Analysis/ALA	1300	Must be able to write legibly and succinctly for success on the AP exam	Daily open-note quizzes, summer assignment, vocabulary worksheet for each chapter. Approximately 10 pages of textbook reading per class.	4
AP Psychology	11-12	English 9 Lit Analysis/ALA	1300	Must be able to write legibly and succinctly for success on the AP exam using AP quality vocabulary. *No modifications allowed; the only accommodations allowed on the AP exam are extended time and alternate placement.	Significant amount of outside reading as required by college level class. Approximately 12-15 pages of reading/class, mostly from the textbook and supplemental articles. Closed note reading quizzes (daily); occasional projects, but the majority of the grade is based on assessments. No test retakes; no test corrections.	4-5
AP Microeconomics	11-12	Already taken or currently enrolled in Algebra II	1300	Must be efficient and succinct	Daily readings (4-6 pages) and reviews; regular MC quizzes and tests with FRQs	3

• Students who earn a B or higher in prerequisite courses are typically successful in AP courses.

Social Studies Core Course Offerings

Course Title	Grade Levels	Prerequisite Courses	Lexile Score	Writing Expectations	Typical Assignment/ Workload	Avg HW Hours/ Week
World History and Geography	9	None		To start the course, 5-7 sentence paragraph with topic sentence, supporting evidence, and conclusion sentence. By the end of the course students will write a historically argumentative full five paragraph essay	One section of textbook + notes	1.5
United States History	11	None		Understanding of the thesis-driven essay is the base requirement.	Guided readings aligned with the textbook/classroom notes	1-2
US Government and Politics	12	United States History or AP United States History	1200	Mostly short answer responses (one-two paragraphs), focused on using pertinent vocabulary to explain and apply concepts	Read one section of the textbook and take notes	2

Social Studies Elective Course Offerings

Course Title	Grade Levels	Prerequisite Courses	Lexile Score	Writing Expectations	Typical Assignments/ Workload	Avg HW Hours/ Week
History of St. Louis	10-12	World History and Geography English 9	1100	Expect students to be able to write research driven essays and read and respond to historical writing (primary and secondary sources).	Active participation and contribution to discussion and source analysis; library research to prepare for in-class presentations; conducting interviews; written end-of-unit assessments and an end-of-year final project	2-3
Current Events	10-12	World History and Geography English 9	1100	Minimal	Students will present an article to the class with a three paragraph analysis every 3 weeks. All other assignments are done in class. Students will review CNN Student News several times a week and complete a short analysis.	.5

Social Studies Elective Course Offerings (cont.)

Course Title	Grade Level	Prerequisite Courses	Lexile Score	Writing Expectations	Typical Assignment/ Workload	Avg HW Hours/ Week
U. S. Int. Relations: Post-WWII	10-12	World History and Geography	1100	Commitment to developing scholarly writing; thesis/main claim, supporting evidence, and explanations in paragraph and essay format	Reading and annotating primary source documents, listening to audio recordings and taking notes, reading one novel or non-fiction book, conducting research and composing position papers. Active participation and contribution to discussion and source analysis; library research to prepare for in-class presentations; conducting interviews; four written end-of-unit assessments and an end-of-semester project	1-2
Black Studies I & II	11-12	English 9 Composition World History and Geography	1100	Students will engage in multiple modes of writing including composing narrative, descriptive, and argumentative pieces. Students will regularly engage in shorter in-class response to themes raised in discussion and/or related to assigned readings.	Daily discussions (large and small group); full class novel read; multiple unit projects	1-2
The History of Social Change	10-12	World History and Geography English 9	1100	Students will engage in multiple modes of writing including document analysis, descriptive, and argumentative pieces. Students will regularly engage in shorter in-class reflections in response to themes raised in discussion and /or related to assigned readings.	Read approx. 2 chapters of selected reading per unit and take notes. Active participation and contribution to discussion and source analysis; library research to prepare for in-class presentations; end-of-unit project-based assessments and an end-of-year final project	1-2

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Social Studies

Social Science courses are listed alphabetically.

For a sequential list of recommended courses, see the chart on the previous page.

Full Year Courses

Advanced Placement European History
Advanced Placement Microeconomics
Advanced Placement Psychology
Advanced Placement U. S. Government and Politics
Advanced Placement U. S. History

Advanced Placement World History
Foundations of American History
Foundations of Civics
The History of St. Louis
The History of Social Change
World History and Geography
U.S. International Relations: Post-WWII
U.S. History

Semester Courses

First Semester

Black Studies I
Current Events
U. S. Government and Politics
Sustainable Investigation

Second Semester

Black Studies II
Current Events
U. S. Government and Politics
Sustainable Investigation

Full Year Courses

Advanced Placement European History (10, 11, 12) is a two-semester course that offers students the challenge of a college level course and will enable them to prepare for the College Board's Advanced Placement examination. Students will be acquainted with the development of European history from ancient times, but the principal emphasis will be the social, economic, political, and diplomatic history of Europe from the Renaissance to the fall of the Soviet Union. Students will work extensively with the primary documents and analyze the major historical interpretations of the period. Extensive work will be conducted in free-response and document-based essay writing.

Course Type	Full Year Course	Prerequisite	Completion of 9th grade course
Course Number(s)	SS48S1/ SS48S2	Credit	1 unit Social Studies

Advanced Placement Microeconomics (11, 12) is a two-semester course that provides a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the larger economic system. It places primary emphasis on the nature and functions of product markets, and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. The Personal Finance course requirement is also included in Advanced Placement Microeconomics. In order to use this course to meet the Personal Finance requirement, the student must pass the Personal Finance Assessment within the state determined testing window.

Course Type	Full Year Course	Prerequisite	Algebra II or concurrent enrollment in Algebra II
Course Number(s)	SS55S1/ SS55S2	Credit	1 unit Social Studies

Advanced Placement Psychology (11, 12) is a full year course that provides an in-depth overview of psychology. Topics of study include history and approaches, research design and methodology, physiological psychology, learning, cognition, motivation and emotion, developmental psychology, personality theories, abnormal psychology, treatment of disorders and social psychology. Students will work with contemporary research journal articles and respond to prior theories. Individuals may choose to prepare for and take the College Board's Advanced Placement Psychology exam. The course includes topics that may be upsetting for some students (mental illness, criminal behavior, etc.).

Course Type	Full Year Course	Prerequisite	Completion of 9th & 10th grade courses
Course Number(s)	SS75S1/ SS75S2	Credit	1 unit Social Studies

Advanced Placement U. S. Government and Politics (12) is a two-semester course that offers students an opportunity to study U. S. politics through a college-level course. The course is designed to prepare students for the national AP US Government and Politics exam given in May. The course will examine the major institutions, processes, and behaviors that shape public policy in the United States. Included will be topics such as the relationship between Congress and the presidency, the function and strategies of interest groups, campaigns, elections and voting behaviors, the modern political parties, and the development of civil liberties and civil rights. This course also includes summer preparatory assignments.

Course Type	Full Year Course	Prerequisite	Completion of 9th & 10th grade courses and US History
Course Number(s)	SS47S1/ SS47S2	Credit	1 unit Social Studies

Advanced Placement U. S. History (11, 12) is a two-semester course that offers capable and motivated high school students the challenge of college-level instruction. Students who enroll in this class may receive up to 6 hours of college credit through successful performance on the Advanced Placement American History Examination of the College Board. The class requires extensive reading on the history of the United States from the colonial period to the present. Emphasis is placed on the evaluation of primary sources and on the analysis of major historical interpretations.

Course Type	Full Year Course	Prerequisite	Completion of 9th & 10th grade courses
Course Number(s)	SS45S1/ SS45S2	Credit	1 unit Social Studies

Advanced Placement World History (10, 11, 12) is a full-year course accentuating chronology and themes in the world's history, beginning with foundations in 1200 B.C. and finishing with the present-day. A thematic structure provides the context for studying and interpreting world historical events for students including patterns of interaction among societies, change over time, impact of technology, cultural and intellectual developments, and changes in the structure and functions of states. This course is designed to prepare students for the Advanced Placement exam.

Course Type	Full Year Course	Prerequisite	Completion of 9th grade course
Course Number(s)	SS49S1/ SS49S2	Credit	1 unit Social Studies

Foundations of American History (9, 10, 11, 12) places emphasis on key political, social, and economic components of American history. The activities in the course are designed based on individual students' needs as identified in their IEP's. ***This course does not meet the requirements for an NCAA core course in social studies.***

Course Type	Full Year Course	Prerequisite	Recommendation Only
Course Number(s)	SS80S1/SS80S2	Credit	1 unit Social Studies

Foundations of Civics (9, 10, 11, 12) is a survey of the structure and operations of the U.S. government. This course places emphasis on key components of U.S. government, including the three branches of our federal government, the Bill of Rights, as well as other relevant topics. The activities in the course are designed based on individual students' needs as identified in their IEP's. ***This course does not meet the requirements for an NCAA core course in social studies.***

Course Type	Full Year Course	Prerequisite	Recommendation Only
Course Number(s)	SS82S1/SS82S2	Credit	1 unit Social Studies

The History of St. Louis (10,11,12) This course will provide an overview of the unique and diverse history of the area that has become St. Louis. Students will begin with geography of the region, following the course of development through its earliest known inhabitants, small 18th century trading post, to a major metropolis at the turn of the 20th century. The course will examine both individuals who were significant to the development of the city and region, as well as the culturally diverse people who have made the city of St. Louis what it is today. The course will culminate with students examining contemporary as well as future issues that have and could further impact the city and surrounding communities.

Course Type	Full Year Course	Prerequisite	Completion of 9th grade course
Course Number(s)	SS92S1/SS92S2	Credit	1 unit Social Studies

The History of Social Change (10,11,12) is designed for students to be socially conscious about their connections to American history. By studying the histories of race, ethnicity, nationality, sexuality, and culture, students will cultivate empathy and respect for groups of people to foster active social engagement and community. Particular focus will be given to the contributions and struggles of different racial, ethnic, LGBTQIA+, gendered, and marginalized groups in their quest to access the promise of equality.

Course Type	Full Year Course	Prerequisite	Completion of 9th grade courses
Course Number(s)	SS66S1/SS66S2	Credit	1 unit Social Studies

U.S. History (11) provides a comprehensive overview of the history of the United States, surveying the major events and turning points of U.S. history as it moves from America's cultural roots through modern times. As students examine each era of history, they will use critical thinking to analyze a variety of primary sources from multiple perspectives, interpret and evaluate historical evidence, carefully research events, and work on historical essay writing skills. These skills will allow students to have a clearer understanding of their role in history, the factors that have shaped U.S. history and the diversity that makes America uniquely great. In early units, students will assess the foundations of U.S. democracy and in later units, students will examine the effects of territorial expansion and America's changing role in the world, the Civil War, and the rise of industrialization. Students will also assess the outcomes of economic trends and the connections between culture and government. As the course draws to a close, students will focus on the causes of cultural, social, and political change in the modern age. Throughout the course, a heavy emphasis will be placed on the importance and complexity of cultural diversity while examining history from different perspectives.

Course Type	Full Year Course	Prerequisite	None
Course Number(s)	SS23S1/SS23S2	Credit	1 unit Social Studies

U.S. International Relations: Post-WWII (10,11,12) is designed to allow students to investigate and study various trends and patterns in Post-WWII America. In addition, this course will provide students with the opportunity to investigate and study various aspects of U.S. foreign policy. The course is comprised of, but no limited to the following topics: Perspectives on WWII, From Communism to Terrorism: A History of Homeland Security, The New Mobility: Consumerism in American Society, A Culture of Protest: Civil Rights Feminism, Free-Speech, Identity Politics, the Evolution of Rock-n-Roll Music and Culture, United Nations, European Union, and the World Bank. Assessments are mixed between projects, presentations, and traditional exams.

Course Type	Full Year Course	Prerequisite	Completion of 9th grade courses
Course Number(s)	SS62S1/SS62S2	Credit	1 unit Social Studies

World History and Geography (9) is a course that builds students' essential skills and confidence and helps to prepare them for a range of history/social science coursework during high school. The learning model is that of a disciplinary apprenticeship, with students using the tools of the historian and geographer as sources, data, and analytical reading and writing take center stage in the classroom. In this course, students learn that history is an interrelated story of the world, history and geography are inherently dynamic, and historians and geographers are investigators intent on using the tools of their disciplines to uncover new evidence about the world and its inhabitants.

Course Type	Full Year Course	Prerequisite	None
Course Number(s)	SS08S1/SS08S2	Credit	1 unit Social Studies

Fall Semester Courses

Black Studies I (11, 12) (L) is an integrated curriculum course which examines African-American culture. Curriculum includes English, social studies, and fine arts. Some assignments/activities may differ depending on whether or not students are taking the course for English credit or Social Studies credit.

Course Type	1st Semester	Prerequisite	None
Course Number(s)	SS01S1/ EN01S1	Credit	Social Studies or English

Current Events (10, 11, 12) is a semester course in which students analyze and discuss the impact of national and international forces, events, and situations. Topics in the course may include US political events, foreign policy, global crises, wars and disputes, economic issues, and an exploration of social and health issues. Students will examine how historical events have created current issues as well. Articles and readings will be provided to students in lieu of a traditional textbook. Current non-fiction books may be assigned as well.

Course Type	1st & 2nd Semesters	Prerequisite	Completion of 9th grade course
Course Number(s)	SS51S1/ SS51S2	Credit	1/2 unit Social Studies

U.S. Government and Politics (11, 12) is a required semester course that focuses on the mechanics of the three branches of our Federal Government as well as a look at the various political systems and institutions that make our government function as it does. The state-required United States and Missouri Constitution exams are included in this class. Other components include an exploration of political ideologies and an investigation into the constitutional development and framework of the government.

Course Type	1st & 2nd Semesters	Prerequisite	U.S. History
Course Number(s)	SS50S1/ SS50S2	Credit	1/2 unit Social Studies

Sustainable Investigations (10, 11, 12) are courses that engage students in developing the skill of systems thinking through the three dimensions of sustainability: social/cultural, economic, and environmental. Students will explore the challenge of sustainable development by examining and posing questions, proposing and researching solutions, and exploring careers related to meeting human needs in a world of finite resources and complex, interconnected systems.

Course Type	1st and 2nd Semesters	Prerequisite	Completion of 9th grade course
Course Number(s)	SS95S1/SS95S2	Credit	1/2 unit Social Studies

Spring Semester Courses

Black Studies II (11, 12) is an integrated curriculum course which examines African-American culture. Curriculum includes English, social studies, and fine arts. Some assignments/activities may differ depending on whether or not students are taking the course for English credit or Social Studies credit.

Course Type	2nd Semester	Prerequisite	None
Course Number(s)	SS02S2/EN02S2	Credit	Social Studies or English

Current Events (10, 11, 12) is a semester course in which students analyze and discuss the impact of national and international forces, events, and situations. Topics in the course may include US political events, foreign policy, global crises, wars and disputes, economic issues, and an exploration of social and health issues. Students will examine how historical events have created current issues as well. Articles and readings will be provided to students in lieu of a traditional textbook. Current non-fiction books may be assigned as well.

Course Type	1st & 2nd Semesters	Prerequisite	Completion of 9th grade course
Course Number(s)	SS51S1/ SS51S2	Credit	1/2 unit Social Studies

U.S. Government and Politics (12) is a required semester course that focuses on the mechanics of the three branches of our Federal Government as well as a look at the various political systems and institutions that make our government function as it does. The state-required United States and Missouri Constitution exams are included in this class. Other components include an exploration of political ideologies and an investigation into the constitutional development and framework of the government.

Course Type	1st & 2nd Semesters	Prerequisite	U.S. History
Course Number(s)	SS50S1/ SS50S2	Credit	1/2 unit Social Studies

Sustainable Investigations (10, 11, 12) are courses that engage students in developing the skill of systems thinking through the three dimensions of sustainability: social/cultural, economic, and environmental. Students will explore the challenge of sustainable development by examining and posing questions, proposing and researching solutions, and exploring careers related to meeting human needs in a world of finite resources and complex, interconnected systems.

Course Type	1st and 2nd Semesters	Prerequisite	Completion of 9th grade course
Course Number(s)	SS95S1/SS95S2	Credit	1/2 unit Social Studies

Visual and Performing Arts

Visual and Performing Arts

Semester Courses

First Semester

Advanced Placement Studio Art-2D Design*
 Ceramics I
 Ceramics II
 Computer Animation
 Drawing I
 Drawing II
 Graphic Design
 Painting I
 Painting II
 Photography and Art I
 Photography and Art II
 Sculpture I
 Sculpture II

Second Semester

Advanced Placement Studio Art-2D Design*
 Ceramics I
 Ceramics II
 Computer Animation
 Drawing I
 Drawing II
 Graphic Design
 Painting I
 Painting II
 Photography and Art I
 Photography and Art II
 Sculpture I
 Sculpture II

There is no recommended sequence except that drawing should be taken as early as possible.

*Students may take more than one semester of Advanced Placement Studio Art-2D Design.

Semester Courses

Advanced Placement Studio Art-2D Design (11, 12) provides an opportunity to investigate intellectually and conceptually two-and three-dimensional art forms. Advanced Placement credit is an option. Students will complete their portfolio. The portfolio must reflect quality, breadth, and concentration in an area of art. Students may take more than one semester of Advanced Placement Studio Art-2D Design.

Course Type	1st and 2nd Semesters	Prerequisite	1 ½ credits visual art, Including 1 full credit of art in 1 content area, plus 1/2 credit of drawing
Course Number(s)	FA24S1/FA24S2	Credit	1/2 unit Fine Arts

Ceramics I (9, 10, 11, 12) is an introductory studio class for students who wish to explore the art of ceramics. Focus is on hand building techniques and throwing on the pottery wheel. Functional and sculptural applications are explored and glazing techniques introduced. An introduction to traditional and historical ceramic arts are also incorporated into the studio experiences.

Course Type	1st & 2nd Semesters	Prerequisite	None
Course Number(s)	FA30S1/FA30S2	Credit	1/2 unit Fine Arts

Ceramics II (9, 10, 11, 12) is designed for students who want to expand their basic knowledge and skills in hand building and wheel throwing techniques. More emphasis will be placed on the craftsmanship and quality of the finished product.

Course Type	1st & 2nd Semesters	Prerequisite	Ceramics I
Course Number(s)	FA32S1/FA32S2	Credit	1/2 unit Fine Arts

Computer Animation (9, 10, 11, 12) is designed for students to develop computer imaging techniques and visual storytelling. The use of various 3-dimensional graphic software programs will enable the student to improve and refine communication skills. Assignments incorporate research into current and traditional animation, visual storytelling, storyboard application, modeling, surfacing, lighting, and animating.

Course Type	1st & 2nd Semesters	Prerequisite	Some creative drawing and writing skills
Course Number(s)	FA05S1/FA05S2	Credit	1/2 unit Fine Arts

Drawing I (9, 10, 11, 12) is a course that introduces students to a variety of drawing techniques and materials that help students explore form and record the world around them. The elements of art and principles of design are emphasized. Art history, aesthetics, and art criticism are also an important part of the course.

Course Type	1st & 2nd Semesters	Prerequisite	None
Course Number(s)	FA15S1/FA15S2	Credit	1/2 unit Fine Arts

Drawing II (9, 10, 11, 12) is designed to give students an opportunity to further develop drawing skills. Study includes working from direct observation and imagination in a variety of subject matters. Various media will be explored, including an introduction to mixed media and color. Aesthetics, art history, and art criticism continue as part of this course.

Course Type	1st & 2nd Semesters	Prerequisite	Drawing I
Course Number(s)	FA16S1/FA16S2	Credit	1/2 unit Fine Arts

Graphic Design (9, 10, 11, 12) focuses on visual communication and creative problem solving through the completion of various design projects. Students use the programs Adobe Illustrator and Adobe Photoshop to complete most projects.

Course Type	1st & 2nd Semesters	Prerequisite	None
Course Number(s)	FA08S1/FA08S2	Credit	1/2 unit Fine Arts

Painting I (9, 10, 11, 12) explores various means of representation by the application of paint to panels and paper. Color and its organizational principles will be investigated. Form and content will be developed along with technical skill and personal style.

Course Type	1st & 2nd Semesters	Prerequisite	None
Course Number(s)	FA20S1/FA20S2	Credit	1/2 unit Fine Arts

Painting II (9, 10, 11, 12) is an intensive course that offers painting as a means of investigating concepts through the application, mark making, and surface building of paint. The emphasis will be on developing ideas while refining techniques of handling acrylic paint.

Course Type	1st & 2nd Semesters	Prerequisite	Painting I
Course Number(s)	FA22S1/FA22S2	Credit	1/2 unit Fine Arts

Photography and Art I (9, 10, 11, 12) is a course in photographic expression using a 35 mm camera and digital images. Emphasis is placed on visual language and employment of composition, lighting, and darkroom and digital print techniques. A variety of camera assignments will culminate in a photographic essay of the student's choosing. Film, paper, chemicals, and computer technology are provided. Students are encouraged to use their own cameras.

Course Type	1st & 2nd Semesters	Prerequisite	None
Course Number(s)	FA01S1/FA01S2	Credit	1/2 unit Fine Arts

Photography and Art II (9, 10, 11, 12) is a course in expanding visual concepts, knowledge, and personal expression using black and white and digital photography. Projects include a variety of composition formats and print manipulations, color tinting, and the use of multiple negatives.

Course Type	1st & 2nd Semesters	Prerequisite	Photography and Art I
Course Number(s)	FA02S1/FA02S2	Credit	1/2 unit Fine Arts

Sculpture I (9, 10, 11, 12) offers students a visual arts experience in three-dimensional design. Emphasis is on working with clay, although other materials may include plaster, wire, etc. Students will investigate the properties of 3-D media and build skills unique to each media. Students will build skills and creative ideas throughout the course.

Course Type	1st & 2nd Semesters	Prerequisite	None
Course Number(s)	FA40S1/FA40S2	Credit	1/2 unit Fine Arts

Sculpture II (9, 10, 11, 12) explores advanced problems in sculptural form with development of processes and techniques. Sculpture 2 offers a course of study for students to develop a sophisticated body of work, an individualized area of research, and a directed, productive approach to studio practice. The course will challenge students to set personal goals in terms of research and art production.

Course Type	1st & 2nd Semesters	Prerequisite	Sculpture I
Course Number(s)	FA42S1/FA42S2	Credit	1/2 unit Fine Arts

Theatre

Semester Courses

First Semester

Acting I/Improvisation
Acting II
Acting III
Technical Theater I
Technical Theater II

Second Semester

Acting I/Improvisation
Acting II
Directing
Technical Theater I
Technical Theater II

Fall Semester Courses

Acting I / Improvisation (9, 10, 11, 12) is designed to help the student develop a more creative and flexible approach to solving performance problems through improvisation and prepared scenes. This is a very active class, which challenges the imagination of the actor and gives them a chance to explore a variety of experiences on stage. Students will be introduced to the theater and acting in theory and performance. Emphasis will be on the use of imagination, the senses, an introduction to stage movement, and script analysis. Students will read a play and perform a scene from a script. Students will see a live theater performance and write a play review.

Course Type	1st and 2nd Semesters	Prerequisite	None
Course Number(s)	FA64S1/FA64S2	Credit	1/2 unit Fine Arts

Acting II (9, 10, 11, 12) develops basic skills in acting by teaching the student to apply character techniques, to block, and to become aware of the actor's point of view. Students will perform two major period scenes, continue reading plays, survey theatre history, study auditioning techniques, and prepare contrasting monologues. Attending live theater performances and writing play reviews will also be continued.

Course Type	1st & 2nd Semesters	Prerequisite	Acting I/Improvisational Theater
Course Number(s)	FA65S1/ FA65S2	Credit	1/2 unit Fine Arts

Acting III is a semester course which allows students to more deeply explore acting techniques by performing additional acting scenes, developing the individual as an actor, and developing deeper character and script analysis. This course will also expose students to the art of screen acting. Students will delve into film acting techniques through on-camera exercises, acting scenes, and film performances. Acting III also introduces students to the art of directing. Directing techniques are studied, and students will direct and perform in a number of scenes. Writing play or film reviews will be required. This course is required for students planning to direct a one act play their senior year.

Course Type	1st Semester	Prerequisite	Acting II
Course Number(s)	FA66S1	Credit	1/2 unit Fine Arts

Technical Theater I (9, 10, 11, 12) is a semester course designed to provide those students interested in technical theater the opportunity to learn about and get practical experience in stage construction, lighting, and scenic design. Attending one live theater performance and writing a play review will also be required.

Course Type	1st & 2nd Semesters	Prerequisite	None
Course Number(s)	FA61S1/ FA61S2	Credit	1/2 unit Fine Arts

Technical Theater II (10, 11, 12) is a semester course designed to provide those students interested in technical theater the opportunity to design and construct stage sets as well as design and run lighting and sound for a variety of different performances and events. Attending live theater performances and writing play reviews will also be required.

Course Type	1st & 2nd Semesters	Prerequisite	Technical Theater I
Course Number(s)	FA62S1/ FA62S2	Credit	1/2 unit Fine Arts

Spring Semester Courses

Acting I / Improvisation (9, 10, 11, 12) is designed to help the student develop a more creative and flexible approach to solving performance problems through improvisation and prepared scenes. This is a very active class, which challenges the imagination of the actor and gives them a chance to explore a variety of experiences on stage. Students will be introduced to the theater and acting in theory and performance. Emphasis will be on the use of imagination, the senses, an introduction to stage movement, and script analysis. Students will read a play and perform a scene from a script. Students will see a live theater performance and write a play review.

Course Type	1st and 2nd Semesters	Prerequisite	None
Course Number(s)	FA64S1/FA64S2	Credit	1/2 unit Fine Arts

Acting II (9, 10, 11, 12) develops basic skills in acting by teaching the student to apply character techniques, to block, and to become aware of the actor's point of view. Students will perform two major period scenes, continue reading plays, survey theatre history, study auditioning techniques, and prepare contrasting monologues. Attending live theater performances and writing play reviews will also be continued.

Course Type	1st & 2nd Semesters	Prerequisite	Acting I/Improvisational Theater
Course Number(s)	FA65S1/ FA65S2	Credit	1/2 unit Fine Arts

Directing (12) is designed for the advanced drama student. The course introduces students to the basics of play production. Having studied through research, observation, and experimentation what is involved in directing, each individual will direct and produce a one-act play as a major part of the course work. Out of class time is required for one-act rehearsals and performance. Attending live theater performances and writing play reviews will also be required.

Course Type	2nd Semester	Prerequisite	Acting III or Instructor Recommendation
Course Number(s)	FA68S2	Credit	1/2 unit Fine Arts

Technical Theater I (9, 10, 11, 12) is a semester course designed to provide those students interested in technical theater the opportunity to learn about and get practical experience in stage construction, lighting, and scenic design. Attending one live theater performance and writing a play review will also be required.

Course Type	1st & 2nd Semesters	Prerequisite	None
Course Number(s)	FA61S1/ FA61S2	Credit	1/2 unit Fine Arts

Technical Theater II (10, 11, 12) is a semester course designed to provide those students interested in technical theater the opportunity to design and construct stage sets and design and run lighting, and sound for a variety of different performances and events. Attending live theater performances and writing play reviews will also be required.

Course Type	1st & 2nd Semesters	Prerequisite	Technical Theater I
Course Number(s)	FA62S1/ FA62S2	Credit	1/2 unit Fine Arts

Music

Full Year Courses

Advanced Placement Music Theory
Band
Choir
Orchestra

Semester Courses

Advanced Piano
Introduction to Piano

Full Year Courses

Advanced Placement Music Theory (10, 11, 12) is designed to provide the opportunity for interested students to advance individually in the specific area of Music Theory. The course will use a college level music theory textbook. Students in this class are encouraged to prepare for the Advanced Placement music theory test.

Course Type	Full Year Course	Prerequisite	Ability to read music in either bass or treble clef
Course Number(s)	FA80S1/ FA80S2	Credit	1 unit Fine Arts

Band (9, 10, 11, 12) is a course in which students are placed by audition into Symphonic or Concert Band. These groups will perform the finest literature available for wind band. The bands present their own concert series and perform in the community and at school functions including school assemblies, home football games, and Friday night home basketball games. Students enrolled in the band program will have opportunities to perform in chamber ensembles, jazz ensembles, and percussion ensembles. Each year the band takes a tour to a music festival or college to participate in clinics by professional music educators and leaders in our field. Students enrolling in this course should be aware of their obligations to attend and participate in all performances and any extra rehearsals as called.

Course Type	Full Year Course	Prerequisite	Audition, recommendation of former teachers, and approval of director
Course Number(s)	FA95S1/ FA95S2	Credit	1 unit Fine Arts

Choir (9, 10, 11, 12) is a course in which students are placed by audition into Baritone Choir, Treble Choir, or Chorale. These groups will perform the finest literature available for concert choirs. The choirs present their own concert series and perform in the community and at school functions including school assemblies and athletic events. Students enrolled in the choir program will have opportunities to perform in chamber ensembles, show choir, and outside performance ensembles. Each year the choir takes a tour to a music festival or college to participate in clinics by professional music educators and leaders in our field. Students enrolling in this course should be aware of their obligations to attend and participate in all performances and any extra rehearsals as called.

Course Type	Full Year Course	Prerequisite	Previous choral experience. Recommendation, audition and/or approval of director
Course Number(s)	FA83S1/ FA83S2	Credit	1 unit Fine Arts

Orchestra (9, 10, 11, 12) is a course in which students are placed by audition into Symphonic, Chamber or Concert Orchestra. Students will be taught music theory and music history as well as how to understand the musical language. Students will develop a capacity for understanding and appreciating music. Students will give two or three concerts each school year; in addition, the orchestra performs in the community, at school functions, and at the SLSMEA Festivals. The orchestra students will also have opportunities to collaborate with wind, percussion, and choir students on selected works and concerts. Students in 10th-12th grade may also choose to audition for Chamber Orchestra, the most advanced orchestra class offered. Students enrolling in orchestra should be aware of their obligations to attend and participate in all performances and any added extra rehearsals.

Course Type	Full Year Course	Prerequisite	Previous orchestra experience. Recommendation, and/or approval of director
Course Number(s)	FA810S1/ FA810S2	Credit	1 unit Fine Arts

Semester Courses

Advanced Piano (9, 10, 11, 12) is a course for students who have successfully completed Introduction to Piano, or have previous experience and gain approval of the instructor. Advanced Piano is designed to provide progressive and practical lessons that represent information, repertoire, technique, listening and theory exercises. It is designed to reinforce concepts from the Introduction to Piano course and continue instruction at the individual student's rate of progress to develop more advanced proficiency on the piano.

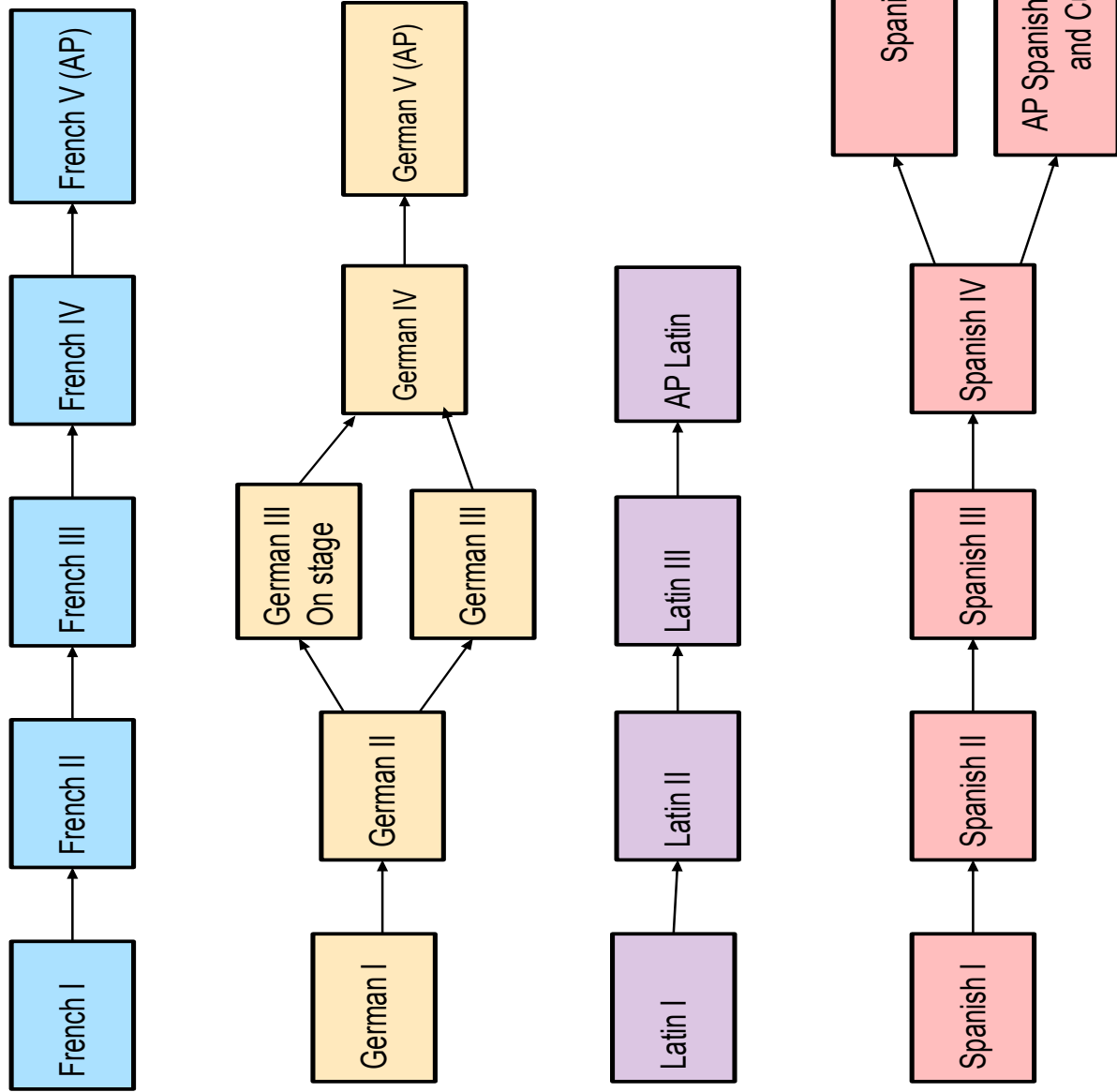
Course Type	1st and 2nd Semesters	Prerequisite	Introduction to Piano
Course Number(s)	FA742S1/ FA742S2	Credit	1/2 unit Fine Arts

Introduction to Piano (9, 10, 11, 12) contains progressive and practical lessons which present information, repertoire, technique, and theory exercises. This course is designed to reinforce concepts at individual student's rate of progress and develop enough proficiency to use the piano effectively.

Course Type	1st and 2nd Semesters	Prerequisite	None
Course Number(s)	FA74S1/ FA74S2	Credit	1/2 unit Fine Arts

World Languages

Modern and Classical Languages Flow Chart



World Languages Course Offerings

World Languages Advanced Placement Course Offerings

Course Title	Grade Level	Prerequisite Course	Interpretive, Interpersonal and Presentational Expectations	Typical Assignment/Workload	Avg HW Hours/Week
AP French and Culture	12	C or higher in French IV	Students must be able to read, listen to, and discuss a variety of authentic literature, news articles, websites and essays from the Francophone world. Students will develop knowledge on topics for future use in comparisons in presentational speaking and writing activities.	Reply to email correspondence using standard French Prepare vocabulary from articles and videos in order to debate various issues stemming from the thematic units studied Interpretive (audio and text) assignments Grammar review	2.5 - 3
AP German and Culture	12	C or higher in German IV	Students must be able to read, listen to, and discuss a variety of authentic literature, news articles, websites, films and essays from the German-speaking world Students will develop knowledge on topics for future use in comparison presentational speaking and writing activities.	Reply to email correspondence using standard German Prepare vocabulary from articles and videos in order to debate various issues stemming from the thematic units studied German novels and films - scene interpretation and thematic discussion Interpretive (audio and text) assignments Grammar review	2.5-3
AP Latin	11-12	C or higher in Latin III	Comprehend and interpret authentic Latin texts; with supports. Critically consider texts grammatically and as literature. Study and analyze Latin reading as well as English background material revolving around 7 key themes	Watch videos/tutorials Prepare vocabulary Read background materials and prepare for class discussions Answer assigned analytical and or grammatical questions	2.5-3

World Languages Advanced Placement Course Offerings (cont.)

Course Title	Grade Level	Prerequisite Course	Interpretive, Interpersonal and Presentational Expectations	Typical Assignment/ Workload	Avg HW Hours/ Week
AP Spanish Language and Culture	11-12	C or higher in Spanish IV or Spanish V	Must be able to comprehend authentic resources in both written and audio form, write at an intermediate level for success on the AP exam. Daily discussions in the target language of topics addressing the 6 required themes	Interpersonal, presentational assignments Watch videos or audio documents Read authentic and contemporary resources and answer questions- prepare for class discussions Watch daily videos from CB Summer assignment	2.5-3
AP Spanish Literature and Culture	11-12	AP Spanish or Spanish V	In class discussions of 38 required works Socratic seminar Mesa redonda discussion Lots of group work Visit to museum Short answers -2 types Essays -2 types	Readings from the required list CB AP daily videos with the required work.	2.5-3

- Students who earn a B or higher in prerequisite courses are typically successful in AP courses

World Languages Course Offerings

Course Title	Grade Level	Prerequisite Course	Interpretive, Interpersonal and Presentational Expectations	Typical Assignment/ Workload	Avg HW Hours/ Week
French I	9-12	None	<p>Understand, ask, and answer simple questions and statements.</p> <p>Read and understand information presented in simple paragraphs</p> <p>Write simple sentences and paragraphs on unit topics (including short presentations)</p> <p>Describe some aspects of francophone culture</p>	<p>Review vocabulary and grammar</p> <p>Reading and listening practice (respond in English or in simple French sentences)</p> <p>Practice for in-class presentation</p>	1-1.5
French II	9-12	C or higher in French I	<p>Developing interpretive skills (reading, listening and writing).</p> <p>Interpersonal speaking (conversational speaking in pairs and small groups).</p> <p>Presentational writing</p> <p>Presentational speaking (working on presentations, videos, project, etc... for an audience)</p>	<p>Study vocabulary frequently</p> <p>Written grammar practice</p> <p>Online and written vocabulary practice.</p> <p>Recorded speaking practice.</p> <p>Listening and reading practice</p>	1

World Languages Course Offerings (cont.)

Course Title	Grade Level	Prerequisite Course	Interpretive, Interpersonal and Presentational Expectations	Typical Assignment/Workload	Avg HW Hours/Week
French III	10-12	C or higher in French II	<p>Developing interpretive skills (reading, listening, and writing)</p> <p>Interpersonal speaking (conversational speaking in pairs and small groups)</p> <p>Presentational Writing</p> <p>Presentational speaking (working on presentations, videos, projects, etc. for an audience)</p> <p>Increased study of grammar to understand language structure</p>	<p>Studying vocabulary daily.</p> <p>Grammar worksheets or online practice at least once a week.</p> <p>Short answers (full sentences) for reading and listening assignments.</p>	1.25
French IV	11-12	C or higher in French III	<p>Developing interpretive skills (reading, listening, and writing)</p> <p>Interpersonal speaking (conversational speaking in pairs and small groups)</p> <p>Presentational writing</p> <p>Presentational speaking (working on presentations, videos, projects, etc. for an audience)</p> <p>Increased study of grammar to understand language structure</p> <p>No textbook, only authentic materials are used in this class (materials created by French-speaking people for French-speaking people)</p> <p>Increased study of literature and film</p>	<p>Study of vocabulary daily</p> <p>Frequent review of daily lessons and readings</p> <p>Short answer (Full-French sentences) reading and listening homework</p> <p>Online grammar practice</p>	1.5

World Languages Course Offerings (cont.)

Course Title	Grade Level	Prerequisite Course	Interpretive, Interpersonal and Presentational Expectations	Typical Assignment/Workload	Avg HW Hours/Week
German I	9-12	None	<p>Asking and answering questions related to daily life, hobbies, interests, and German culture.</p> <p>Reading and understanding information presented in simple paragraphs or audio/videos</p> <p>Writing creatively in simple sentences and paragraphs on unit topics.</p> <p>Speaking briefly with partners/groups or making short presentations about aspects of German culture</p>	<p>Brief assignments reinforcing practical skills:</p> <p>Describe your family or your pets/plan a trip to the Alps/ make plans for the weekend/retell a brief story</p> <p>Vocabulary learned in context weekly and by unit</p> <p>Short-answer worksheets or grammar exercises online</p> <p>Listening activities (song lyrics, video clip, episode of cooking show, etc.)</p>	1-1.5
German II	9-12	C or higher in German I	<p>Developing interpretive skills (listening, reading, comprehension) on thematic units; German food, city, life, German music, historical moments</p> <p>Interpersonal speaking in partners and small groups</p> <p>Writing for context and theme (summary, chart, poster, description) and for interpersonal communication (persuasion, dialogue)</p> <p>Presentational speaking singly and in pairs</p>	<p>Video interpretation: Theme, vocabulary, answering simple questions</p> <p>Worksheets and written assignments to clarify grammar points</p> <p>Vocabulary study daily/weekly</p> <p>Reading assignments related to theme</p>	1-1.5

World Languages Course Offerings (cont.)

Course Title	Grade Level	Prerequisite Course	Interpretive, Interpersonal and Presentational Expectations	Typical Assignment/ Workload	Avg HW Hours/ Week
German III	10-12	C or higher in German II	Developing interpretive skills (reading, listening and writing) Interpersonal speaking (conversational speaking in pairs and small groups) Presentational Writing Presentational speaking (working on presentations, videos, projects, etc. for an audience) Textbook with online assignments	Study vocabulary daily/weekly goals Worksheets with short answers or contextual questions at least 1X week Reading and listening assignments Online workbook for grammar review Song lyrics, interpretation	2
German III on Stage	10-12	C or higher in German II	Not offered 2023-2024 school year	Not offered 2023-2024 school year	
German IV	11-12	C or higher in German III	Further development of interpretive skills (reading listening, and writing) Conversational speaking pairs and small groups Focus on thematic units related to German history, arts, social issues, and youth culture Presentational writing and sharing of opinions Presentational speaking (podcasts, videos, projects, etc. for an audience) Further grammar study to understand language structure No textbook	Daily/weekly study of vocabulary, high-frequency phrases & conversational strategies Review of daily lessons and readings Reading and listening homework on German short stories, graphic novels, films- interpretation of scenes and characters Grammar study in thematic context	2-2.5

World Languages Course Offerings (cont.)

Course Title	Grade Level	Prerequisite Course	Interpretive, Interpersonal and Presentational Expectations	Typical Assignment/Workload	Avg HW Hours/Week
Latin I	9-12	None	<p>Develop Latin reading and listening skills</p> <p>Write creatively, incorporating foundational vocabulary words</p> <p>Practice everyday conversational components</p> <p>Build an understanding of ancient Roman culture and compare/contrast it with today</p>	<p>Pre- and re-read stories and complete related activities</p> <p>Practice vocabulary</p> <p>Read cultural background material</p>	1-1.5
Latin II	10-12	C or higher in Latin I	<p>Expand Latin reading and listening skills</p> <p>Write creatively, incorporating a growing vocabulary and new grammar structures</p> <p>Continue to incorporate new language elements into spoken interactions</p> <p>Continue to analyze ancient Roman culture and compare/contrast it critically with today</p>	<p>Pre- and re-read stories and complete related activities</p> <p>Process Latin readings independently, with guided activities</p> <p>Practice vocabulary and grammar</p> <p>Read and respond to cultural background material</p>	1-1.5
Latin III	11-12	C or higher in Latin II	<p>Build upon interpretive skills, with readings progressing toward unadapted, original Latin texts</p> <p>Write creatively, incorporating more sophisticated vocabulary and grammatical components</p> <p>Continue to incorporate new language elements into spoken interactions</p> <p>Analyzing historical context</p>	<p>Pre- and re-read stories and complete related activities</p> <p>Process Latin readings with growing independence</p> <p>Practice vocabulary and grammar</p> <p>Read and respond to cultural background material</p>	1-1.5

World Languages Course Offerings (cont.)

Course Title	Grade Level	Prerequisite Course	Interpretive, Interpersonal and Presentational Expectations	Typical Assignment/Workload	Avg HW Hours/Week
Spanish I	9-12	None	Developing interpretive skills (reading, listening, and writing) Interpersonal writing (5-10 sentences) Presentational speaking (working on presentations for an audience)	Learning Site activities (very short activities, 3 attempts, highest grade applied. Vocabulary activities (Quizlet) Online and written grammar practice Recorded speaking practice Listening practice Writing short emails	1-1.5
Spanish II	9-12	C or higher in Spanish I	Developing interpretive skills (reading, listening, and writing) Interpersonal speaking (conversational speaking in pairs and small groups) Presentational writing Presentational speaking (working on presentations for an audience)	Study vocabulary Online and written grammar practice Online and written vocabulary practice Recorded speaking practice Listening practice Complete sentence responses to questions leading up to paragraph writing of 5-10 sentences	1-1.5
Spanish III	9-12	C or higher in Spanish II	Developing interpretive skills (reading, listening, and writing) Interpersonal speaking (conversational speaking in pairs and small groups) Presentational writing Presentational speaking (working on presentations for an audience)	Study vocabulary Grammar worksheets Short answer for essential questions. Reading and listening with questions	1.5

World Languages Course Offerings (cont.)

Course Title	Grade Level	Prerequisite Course	Interpretive, Interpersonal and Presentational Expectations	Typical Assignment/Workload	Avg HW Hours/Week
Spanish IV	10-12	C or higher in Spanish III	<p>Students write short responses to questions addressing Essential Questions - 150 words</p> <p>Presentational speaking in response to questions referring to the six study themes during the year</p> <p>Do cultural presentations</p> <p>Do simple research and present results</p>	<p>Study vocabulary</p> <p>Review PPTs-videos about grammar concepts</p> <p>Short readings</p> <p>Online grammar practices</p> <p>Listening activities and documents, videos</p>	1.5-2
Spanish V	11-12	C or higher in Spanish IV	<p>Writing: 150-200 words maximum</p> <p>Speaking: short responses to conversation questions and two-minute presentations and debates</p> <p>Reading and Listening: up to authentic recording and readings requiring short-answer and objective responses</p>	<p>Study vocabulary</p> <p>Review information from class</p> <p>Short readings</p> <p>Grammar practice</p> <p>Listening and reading activities</p>	1.5-2

World Languages

Full Year Courses

French I, II, III, IV, AP V
German I, II, III, IV, AP V
German III on Stage (not offered 2023-
2024 school year)
Latin I, II, III, AP

Spanish I, II, III, IV, V
Spanish Advanced Placement Language and Culture
Spanish Advanced Placement Literature and Culture

Requirement for Classes to be Offered: Twelve or more students must be enrolled to offer a beginning class in any language. When a beginning level is offered, the second level will be offered the following year. Twelve or more students must be enrolled to continue succeeding years of the language. Combinations of any two groups II, III, IV, or V will govern.

A student who earns a D or F in one level of language study cannot advance to the next level. Each course builds on those that come before, and without sufficient understanding of the four basic skills (reading, writing, speaking, listening), a student cannot be successful in subsequent levels.

Full Year Courses

French

Students will be placed into an appropriate level of the language according to previous study and language background. A placement test may be given to determine correct level.

French I (9, 10, 11, 12) emphasizes reading and writing. Students learn vocabulary and grammar necessary for simple communication. Likewise, listening comprehension and conversation skills will be developed. Culture of France and Francophone countries will be studied.

Course Type	Full Year Course	Prerequisite	None
Course Number(s)	MC02S1/ MC02S2	Credit	1 unit World Languages

French II (9, 10, 11, 12) will continue to expand on concepts learned in French I. Students will learn vocabulary and grammar necessary for more complex communication, both written and oral. Students will continue to develop reading and listening comprehension skills. Culture of Francophone countries is studied in greater depth.

Course Type	Full Year Course	Prerequisite	C or higher in French I
Course Number(s)	MC04S1/ MC04S2	Credit	1 unit World Languages

French III (10, 11, 12) will continue to expand on concepts learned in French II. The focus of the course will be to increase both written and oral proficiency in French. Students will learn vocabulary and grammar needed for more complex writing assignments. Culture of Francophone countries is studied in great depth through research and projects to be presented in French. Textbook, reading selections, and other resources will be used to enhance written and oral comprehension. Instruction takes place in French.

Course Type	Full Year Course	Prerequisite	C or higher in French II
Course Number(s)	MC06S1/ MC06S2	Credit	1 unit World Languages

French IV (11, 12) is designed to further develop communication skills. Various classroom activities will be used to increase proficiency in reading, writing, and speaking. By examining literature, current publications, websites, and films in French, students increase vocabulary and build on grammar skills in a context that allows them to compare (Francophone and Anglophone) cultural practices and perspectives. Instruction takes place in French.

Course Type	Full Year Course	Prerequisite	C or higher in French III
Course Number(s)	MC08S1/ MC08S2	Credit	1 unit World Languages

Advanced Placement French V (12) is designed to prepare students for the Advanced Placement Examination in French Language. Emphasis is on increasing vocabulary for reading and listening comprehension and for discussion and persuasive writing. Homework will include topical readings to be discussed in class, listening for the main point, and use of grammar to write more complex sentences. Each unit will include student presentations. Instruction takes place in French.

Course Type	Full Year Course	Prerequisite	C or higher in French IV
Course Number(s)	MC10S1/ MC10S2	Credit	1 unit World Languages

German

Students will be placed into an appropriate level of the language according to previous study and language background. A placement test may be given to determine correct level.

German I (9, 10, 11, 12) introduces vocabulary and structures to enable students to talk about the world around them and facilitates the exploration of German culture. Students learn vocabulary relating to school, family, transportation, and other aspects of daily life.

Course Type	Full Year Course	Prerequisite	None
Course Number(s)	MC22S1/ MC22S2	Credit	1 unit World Languages

German II (9, 10, 11, 12) continues and expands the study of language and culture that began in German I. Vocabulary building, practice of listening, reading, writing, and speaking skills continue. Students learn about aspects of culture in selected regions of Germany and other German-speaking countries, including topics on housing, cuisine, city life, as well as personal topics like memories and role models.

Course Type	Full Year Course	Prerequisite	C or higher in German I
Course Number(s)	MC24S1/ MC24S2	Credit	1 unit World Languages

German III (10, 11, 12) focuses on reading, writing, and conversation in German. Students complete their introduction to German grammar and systematically review topics introduced earlier. Readings include short humorous texts, fairy tales, children's literature, and short texts about the German-speaking world. Students will also view feature-length German films and begin writing essays in German about readings, films, and a variety of cultural topics. Instruction takes place in German.

Course Type	Full Year Course	Prerequisite	C or higher in German II
Course Number(s)	MC26S1/ MC26S2	Credit	1 unit World Languages

German III on Stage (10, 11, 12) (not offered 2023-2024) takes a playful and hands-on learning approach to German in a supportive and creative atmosphere. Through reading, discussing, rehearsing, and staging theater scenes and skits in German - some of them based on characters and events from German history - students have a story-based context for learning vocabulary and grammar structures, with a strong focus on spoken accuracy. No acting experience is required or expected. Students will perform at least one short skit or theater piece each semester. This course is designed to run parallel to German III.

This course does not meet the requirements for an NCAA core course; however, students, achieving a C or better; may reenter the regular German sequence (IV); and, if they choose, prepare for the German AP exam.

Course Type	Full Year Course	Prerequisite	C or higher in German II
Course Number(s)	MC27S1/ MC27S2	Credit	1 unit World Languages

German IV (11, 12) offers students the opportunity to deepen their understanding of German culture and to practice reading, writing, listening, and speaking in German on both current and literary topics. Topics include German fiction and non-fiction, politics and cultural change, film history, folk literature, our digital world, and contemporary issues facing the European Union. Students review grammar systematically. Essays and discussions occur in German. Interested students may prepare for the German AP examination. Instruction takes place in German.

Course Type	Full Year Course	Prerequisite	C or higher in German III
Course Number(s)	MC28S1/ MC28S2	Credit	1 unit World Languages

Advanced Placement German V (12) is similar to German IV in its emphasis. Content is tailored from year to year to student needs and interests. Literary and current texts, films, and other media provide a basis for the study of the culture and history of German-speaking countries. Essays and discussions occur in German. All aspects of the course prepare students for the German AP examination. Instruction takes place in German.

Course Type	Full Year Course	Prerequisite	C or higher in German IV
Course Number(s)	MC30S1/ MC30S2	Credit	1 unit World Languages

Latin

Students will be placed into an appropriate level of the language according to previous study and language background. A placement test may be given to determine correct level.

Latin I (9, 10, 11, 12) is a course in which students study Latin vocabulary, syntax, and grammar, as well as a broad survey of Roman daily activities. Parallel study of the Latin language and Roman life allows students to make valuable connections with their own language and culture. Latin I makes use of the Cambridge Latin Course.

Course Type	Full Year Course	Prerequisite	None
Course Number(s)	MC62S1/ MC62S2	Credit	1 unit World Languages

Latin II (10, 11, 12) is a course in which students continue a broad survey of Classical history, while building on the vocabulary, grammar, and reading skills introduced in Latin I. Using the Cambridge Latin Course, students develop sufficient vocabulary and grammar skills to prepare them to begin to read adaptations from Latin authors in Latin III.

Course Type	Full Year Course	Prerequisite	C or higher in Latin I
Course Number(s)	MC64S1/ MC64S2	Credit	1 unit World Languages

Latin III (11, 12) completes the study of Latin syntax and grammar through the Cambridge Latin course, with supplemental readings from Latin authors. Students focus on reading comprehension and analysis skills in preparation for AP Latin.

Course Type	Full Year Course	Prerequisite	C or higher in Latin II
Course Number(s)	MC66S1/ MC66S2	Credit	1 unit World Languages

Advanced Placement Latin (11, 12) covers the Advanced Placement Latin curriculum, which consists of selections from Vergil's *Aeneid* and Caesar's *Gallic Wars*. Vergil's epic poem and Caesar's commentaries are studied and analyzed as works of literature, both independently and in comparison. The syllabus conforms to the guidelines of the College Board/AP Central.

Course Type	Full Year Course	Prerequisite	C or higher in Latin III
Course Number(s)	MC70S1/ MC70S2	Credit	1 unit World Languages

Spanish

Students will be placed into an appropriate level of the language according to previous study and language background. A placement test may be given to determine correct level.

Spanish I (9, 10, 11, 12) emphasizes communication facilitated by activities that include listening, reading, and/or viewing materials that focus on the target vocabulary. Students achieve expansion of concepts and literacy and language skills through a variety of interpretive and interpersonal/presentational tasks in communicative and cultural contexts. Culture constitutes a significant component of the course.

Course Type	Full Year Course	Prerequisite	None
Course Number(s)	MC82S1/ MC82S2	Credit	1 unit World Languages

Spanish II (9, 10, 11, 12) builds on students' literacy skills (reading, writing, listening, and speaking) developed during previous language experiences which may include elementary, middle school, and high school Spanish programs and emphasizes communication facilitated by interpretive, presentational, and interpersonal activities and the study of vocabulary and more advanced grammar. Instruction primarily takes place in Spanish. In addition, the culture of Spanish-speaking countries is to be taught throughout the class.

Course Type	Full Year Course	Prerequisite	C or higher in Spanish I
Course Number(s)	MC84S1/ MC84S2	Credit	1 unit World Languages

Spanish III (9, 10, 11, 12) continues to build on students' literacy skills (reading, writing, listening, and speaking) developed in previous language experiences which may include elementary, middle school, and high school Spanish programs. Students read Spanish with increased comprehension, listen to audio materials in Spanish, speak in Spanish, and write in Spanish with understanding about what they have read or listened. Students strengthen and expand control of grammatical structures and continue learning about the cultures of Spanish-speaking countries. Instruction takes place in Spanish.

Course Type	Full Year Course	Prerequisite	C or higher in Spanish II
Course Number(s)	MC86S1/ MC86S2	Credit	1 unit World Languages

Spanish IV (10, 11, 12) introduces students to Spanish and Latin American literature and culture through the reading of short stories, non-fiction, and a play. It stresses the students' skills to use the language in a practical and a natural way by emphasizing the three modes of communication through class discussions and individual presentations in Spanish. In addition, students review grammar learned in previous levels. Instruction takes place in Spanish.

Course Type	Full Year Course	Prerequisite	C or higher in Spanish III
Course Number(s)	MC88S1/ MC88S2	Credit	1 unit World Languages

Spanish V (11, 12) is a study of Advanced Spanish and Latin American literature and the cultures of the people. Grammar review is provided plus intensive discussion in Spanish of all literature as well as current events. Students are expected to do outside reading and listening activities in Spanish. Students are expected to actively participate in class discussions and debates of current events. Instruction takes place in Spanish.

Course Type	Full Year Course	Prerequisite	C or higher in Spanish IV
Course Number(s)	MC90S1/ MC90S2	Credit	1 unit World Languages

Advanced Placement Spanish Language and Culture (11, 12) is conducted in Spanish. Students are exposed to a wide range of authentic materials from different parts of the Spanish-speaking world. AP Spanish Language and Culture covers the equivalent of a third-year college course in advanced Spanish writing and conversation. It encompasses aural/oral skills, reading comprehension, language use, and composition. The course emphasizes the use, of Spanish for active communication, and students are expected to actively participate in class discussions and debates of current events. The program seeks to develop language skills that are useful and that can be applied to various activities and disciplines rather than to mastery of any specific subject matter. Extensive training in the organization and writing of compositions is an integral part of the program. The course stresses preparation for the Advanced Placement Spanish Language and Culture Exam. Spanish AP students have already had several years of Spanish language studies. The AP Spanish course draws on the student's entire previous language learning and emphasizes the use of Spanish as a means for active communication. This course utilizes higher level/critical thinking and focuses on the development of accuracy and fluency. Instruction takes place in Spanish.

Course Type	Full Year Course	Prerequisite	C or higher in Spanish IV or Spanish V
Course Number(s)	MC92S1/ MC92S2	Credit	1 unit World Languages

Advanced Placement Spanish Literature and Culture (11, 12) is intended to be the equivalent of a third-year college Introduction to Spanish Literature covering a wide variety of works from the literature of Spain, North, Central, and South America. Students use their Spanish speaking, writing, and reading skills in every aspect of the class. They read Spanish Literature and then analyze it using both oral and written techniques. In addition, the students will explore interdisciplinary connections between the literature studied and other aspects of expressions like art, movies, architecture, and music. By the end of the advanced placement course, their language proficiency is equivalent to a fifth or sixth semester college Spanish course. Instruction takes place in Spanish.

Course Type	Full Year Course	Prerequisite	AP Spanish Language and Culture or Spanish V
Course Number(s)	MC94S1/ MC94S2	Credit	1 unit World Languages

Additional Electives

Additional Electives

Additional Elective courses are listed alphabetically.

Full Year Courses

Co-op

Introduction to Object-Oriented Programming
Speech, Debate, and Forensics

Semester Courses

First Semester

CBVI – Work Site
Foundations of Independent Living
Foundations of Job Skills
Personal Finance*
Pre-vocational Skills
Student Laboratory Assistant
Student Office Aide

Second Semester

CBVI – Work Site
Foundations of Independent Living
Foundations of Job Skills
Personal Finance*
Pre-vocational Skills
Student Laboratory Assistant
Student Office Aide

* Personal Finance is a required course for graduation.

Full Year Courses

Co-op (9, 10, 11, 12) is a secondary program for VR eligible students with disabilities who have demonstrated the skills and abilities to be able to work independently in an integrated, competitive employment setting. A student's IEP reflects the need for work experience. Students participating in COOP will be released from school for part of the school day, earn a competitive wage, and are supervised weekly by the Work Experience Coordinator (WEC) as identified by the St. Louis Special School District department at Ladue Horton Watkins High School.

Course Type	1st & 2nd Semesters	Prerequisite	Recommendation Only
Course Number(s)	EL94S1/ EL94S2	Credit	1 unit Elective

Speech, Debate, and Forensics (10, 11, 12) is a co-curricular course through which students learn research, organization, note-taking, argumentation, logic, public speaking, and acting skills within the framework of interscholastic forensics competition. Research will center on problem areas designated by the current year's debate topic(s). Students will also prepare an individual speaking or interpretation event. This course involves weekend and evening tournament competitions. This course may be taken more than once for additional credit.

Course Type	1st & 2nd Semesters	Prerequisite	None
Course Number(s)	EL94S1/ EL94S2	Credit	1 unit Elective

Semester Courses

CBVI - Work Site (9, 10, 11, 12) is a course that affords students with the opportunity to learn essential workplace skills in this program in real-life situations. Students practice social skills in and out of the classroom. This course is individualized according to students' needs as identified in their IEP's.

Course Type	1st & 2nd Semesters	Prerequisite	Recommendation only
Course Number(s)	EL55S1/EL55S2	Credit	1/2 unit Elective

Foundations of Independent Living (9, 10, 11, 12) is a course in which students learn essential independent living skills in real-life situations. Students will engage in a curriculum that covers aspects of independent living such as cooking, cleaning, laundry, living with others, and safety. This course is individualized according to students' needs as identified in their IEP's.

Course Type	1st & 2nd Semesters	Prerequisite	Recommendation Only
Course Number(s)	EL53S1/EL53S2	Credit	1/2 unit Elective

Foundations of Job Skills (9, 10, 11, 12) is a course in which students learn essential workplace skills in this program in real-life situations. Students practice social skills in and out of the classroom. This course is individualized according to students' needs as identified in their IEP's.

Course Type	1st & 2nd Semesters	Prerequisite	Recommendation only
Course Number(s)	EL52S1/EL52S2	Credit	1/2 unit Elective

Personal Finance (10, 11, 12) is a required course for graduation. The ability to understand and manage personal finances is key to one's future financial success. This one-semester course is based on the Missouri Personal Finance Competencies and presents essential knowledge and skills necessary to make informed decisions about real-world financial issues. Students will learn how choices influence occupational options and future earning potential. They will also learn to apply decision-making skills to evaluate career choices and set personal goals. The course content is designed to help the learner make wise spending, saving, investing, and credit decisions and to make effective use of income to achieve personal financial success.

**Students may notify their grade level principal and counselor of their intent to "Test Out" of the Personal Finance graduation requirement. The student MUST notify their counselor and principal by August 31 of their junior year and complete the Personal Finance EOC in the winter of their junior year. Per DESE requirements, students must earn at least a 90% of the Personal Finance EOC to earn the credit. This credit will be reflected as a "CR" on the student transcript.*

Course Type	1st & 2nd Semesters	Prerequisite	None
Course Number(s)	EL01S1/ EL01S2	Credit	1/2 unit Elective

Pre-vocational Skills (9, 10, 11, 12) is a course in which students learn essential skills directly applicable to post-secondary opportunities. Professionalism, self-advocacy, appropriate communication, decision-making, problem-solving, and conflict resolution are some of the topics covered in this course. The activities in this course are designed based on individual students' needs as identified in their IEP's.

Course Type	1st & 2nd Semesters	Prerequisite	Recommendation only
Course Number(s)	EL50S1/ EL50S2	Credit	1/2 unit Elective

Student Laboratory Assistant (11, 12) is designed for students who would like to strengthen their laboratory skills in preparation for post-secondary education or a career in science. Students will develop skills in making chemical solutions, preparing laboratory activities, raising plants and laboratory animals, microbiology techniques, maintaining equipment, assisting with dissections, ordering supplies, and aiding the teacher with demonstrations and class activities. Students must be reliable, independent, and enjoy working with science material and other students. Concurrent enrollment in a science course and a recommendation form from a science teacher are required prior to enrollment. The number of students accepted per class period is very limited and based on teacher availability.

Course Type	1st & 2nd Semesters	Prerequisite	Recommendation only
Course Number(s)	EL32S1/EL32S2	Credit	No credit

Student Office Aide (11, 12) will be selected from study hall to assist with office duties based on citizenship, attendance, and behavior. Students are expected to demonstrate professionalism at all times in addition to upholding the expectations outlined in the Student Handbook. The includes, but is not limited to, the following core values: fairness, justice, honesty, integrity, kindness and compassion, open-mindedness, respect, and responsibility. Students will assist with the following tasks: sorting mail, printing, escorting visitors, distributing passes, and completing non-confidential/non-academic miscellaneous tasks.

Course Type	1st & 2nd Semesters	Prerequisite	Recommendation only
Course Number(s)	EL30S1/EL30S2	Credit	No credit

Student Support Services

Student Support Services

Semester Courses

First Semester

Academic Literacy
ReNew
S. M. A. R. T. Lab 9
S. M. A. R. T. Lab (not offered 2023-2024 school year)
Study Hall
Study Skills
Topics in Algebra

Second Semester

Academic Literacy
ReNew
S. M. A. R. T. Lab 9
S. M. A. R. T. Lab (not offered 2023-2024 school year)
Study Hall
Study Skills
Topics in Algebra

Semester Courses

Academic Literacy (9, 10, 11, 12) offers the student the opportunity to improve reading, vocabulary, and study skills through the use of a variety of individualized materials and strategies. Independent reading and response writing are required. The final grade is based on response writing, daily homework completion, and vocabulary tests. This course is recommended for students who can benefit from support with reading skills. This course may be taken more than once for additional credit.

Course Type	1st & 2nd Semesters	Prerequisite	Recommendation Only
Course Number(s)	EL21S1/ EL21S2	Credit	1/2 unit Elective

ReNew (9, 10, 11, 12) is a course specifically designed for therapeutic programming to address IEP goals

Course Type	1st & 2nd Semesters	Prerequisite	Recommendation Only
Course Number(s)	EL14S1/EL14S2	Credit	1/4 unit Elective

S. M. A. R. T. Lab 9 (9) is designed to help students improve their learning effectiveness, attitudes, and motivation. The key components of the class are Set goals, Make choices, Assess progress, Reflect, and Take responsibility. Students receive support and instruction on strategies that cultivate independent learning.

Course Type	1st & 2nd Semesters	Prerequisite	Recommendation Only
Course Number(s)	EL98S1/EL98S2	Credit	1/2 unit Elective

S. M. A. R. T. Lab (10, 11, 12) (not offered 2023-2024 school year) is designed to help students develop qualities that support making wise decisions in their academic and interpersonal lives. Emphasis will be placed on personal responsibility and emotional intelligence (soft skills). Topics of focus include self-management, self-awareness, self-motivation, self-advocacy, and self-efficacy. Students will continue to learn and apply strategies from S.M.A.R.T Lab 9 as well as begin post high-school planning.

Course Type	1st & 2nd Semesters	Prerequisite	Recommendation Only
Course Number(s)	EL85S1/EL85S2	Credit	1/2 unit Elective

Study Hall (9) provides individual study time and support for 9th grade students to assist them in adjusting to high school.

Course Type	1st & 2nd Semesters	Prerequisite	Recommendation Only
Course Number(s)	EL899S1/ EL899S2	Credit	No credit

Study Hall (11, 12) provides individual study time for students who are self-motivated, independent learners and wish to supplement their school day with more time for quiet study. Students who take study hall will be responsible for keeping a contractual obligation for attendance, behavior, and performance.

Course Type	1st & 2nd Semesters	Prerequisite	None
Course Number(s)	EL89S1/ EL89S2	Credit	No credit

Study Skills (9, 10, 11, 12) is a course designed to support students by delivering small group specialized instruction in the special education setting. This course is individualized according to students' needs as identified in their IEP's.

Course Type	1st & 2nd Semesters	Prerequisite	Recommendation Only
Course Number(s)	EL05S1/ EL05S2	Credit	1/2 unit Elective (maximum 1 unit per year)

Topics in Algebra is a course that will emphasize operations with integers and rational numbers and then lead to algebraic concepts such as manipulating algebraic expressions, solving linear equations and inequalities, analyzing functional relationships, and graphing.

This course does not meet the requirements for an NCAA core course in math and is only offered as an elective credit.

Course Type	Full Year Course	Prerequisite	None
Course Number(s)	EL24S1/EL24S2	Credit	1 unit Elective

Ladue LEADS Academy

Ladue LEADS Academy

Leadership—Empowerment—Achievement—Drive—Social Responsibility

Ladue LEADS Academy is a half-day non-traditional program within the school day designed to support students of varying needs.

The Academy has four overarching goals:

1. Create a personalized plan for each student to help \neq reach post-secondary goals.
2. Prepare students to become resilient and self-reliant.
3. Help students learn to identify their strengths and passions.
4. Provide embedded social emotional supports and curriculum.

To participate in this program, students need to see their counselor. Students can take up to three core courses (one online) plus the semester courses in order to earn additional credit. There may also be other unique opportunities for students in this program.

Full Year Courses—refer to content section of the handbook

English (specific course will depend on students' needs)

Math (specific course will depend on students' needs)

Science (specific course will depend on students' needs)

Social Studies (specific course will depend on students' needs)

Semester Courses

English - Contemporary Issues & Research I-VI (not offered 2023-2024 school year)

English - LEADS English I-III

Elective - Leads Lab

Math - Quantitative Reasoning I-III

Science - Scientific Investigations/Inquiry I-III

Social Studies - Sustainable Investigations I-III

Other Courses

As needed, students will receive support taking online coursework.

Semester Courses

Contemporary Issues & Research I-VI (10, 11, 12) (not offered 2023-2024 school year) are courses that survey essays , short stories, articles, and novels by modern authors. Students will examine works through thematically-linked units. Students will engage in a variety of writing activities from reflections to research-based analyses. Specific projects and activities will be driven by student passion and teacher input. In this course, students will be expected to be active participants in their learning.

This course is exclusively open to students in the LEADS Academy.

Course Type	1st & 2nd Semesters	Prerequisite	Participation in Ladue LEADS Academy
Course Number(s)	ENLL01S1/ENLL01S2 ENLL02S1/ENLL02S2 ENLL03S1/ENLL03S2 ENLL04S1/ENLL04S2 ENLL05S1/ENLL05S2 ENLL06S1/ENLL06S2	Credit	1/2 unit English

LEADS English I-III (10, 11, 12) is designed to promote leadership skills and pro-social behaviors. As Ladue LEADers, students will develop the following qualities: Leadership, Empowerment, Academics, Drive, and Social Responsibility. Lessons will help students develop the character to influence their community and peers in a productive and positive way. Students who engage in course-work will reinforce a sense of agency and ownership for their choices and the consequence of those choices, as well as recognize their responsibility to be an active scholar. Activities in the course will engage students in self-reflection and evaluation as means to overcome challenges and build resilience. These lessons will ultimately help students establish a sense of social responsibility and citizenship. Students will engage in a variety of reading, writing, and research-based analysis.

Course Type	1st & 2nd Semesters	Prerequisite	Participation in Ladue LEADS Academy
Course Number(s)	ENLL10S1/ENLL10S2	Credit	1/2 unit English
	ENLL12S1/ENLL12S2		
	ENLL14S1/ENLL14S2		

LEADS Lab (10, 11, 12) is designed for students in the Ladue LEADS Academy. Students will learn organizational, self-advocacy, study, and other skills relevant to academic success. Students will participate in writing their personalized learning plans and will set goals.

Course Type	1st & 2nd Semesters	Prerequisite	Participation in Ladue LEADS Academy
Course Number(s)	LLEL2S1/LLEL2S2	Credit	1/4 unit Elective

Quantitative Reasoning I-III (10, 11, 12) are courses where students utilize prior learning in their first and second years of algebra and geometry and explore and utilize algebraic modeling and probabilistic decision-making to solve real-world problems. Students will utilize existing skills and learn new skills to explore and solve multi-faceted issues. Specific projects and activities will be driven by student passion and teacher input. In these courses, students will be expected to use mathematical modeling to explain and solve problems.

These courses are exclusively open to student in the LEADS Academy.

Course Type	1st and 2nd Semesters	Prerequisite	Participation in Ladue LEADS Academy
Course Number(s)	MALL01S1/MALL01S2 MALL02S1/MALL02S2 MALL03S1/MALL03S2	Credit	1/2 unit Math

Scientific Investigations/Inquiry I-III (10, 11, 12) are lab-based courses that engage students in authentic, curiosity-driven experimentation beginning with the immediate world around us and the environment in which we live. A focus of the investigations is on gathering data that informs the health and sustainability of the natural world that supports human activity. As the classes progress, students will perform their own independent scientific investigation of a topic of the student's choice. The scientific investigations comprise a majority of the laboratory portion of the course.

These courses are exclusively open to students in the LEADS Academy.

Course Type	1st and 2nd Semesters	Prerequisite	Participation in Ladue LEADS Academy
Course Number(s)	SCLL01S1/SCLL01S2 SCLL02S1/SCLL02S2 SCLL03S1/SCLL03S2	Credit	1/2 unit Science

Sustainable Investigations I-III (10, 11, 12) are courses that engage students in developing the skill of systems thinking through the three dimensions of sustainability: social/cultural, economic, and environmental. Students will explore the challenge of sustainable development by examining and posing questions, proposing and researching solutions, and exploring careers related to meeting human needs in a world of finite resources and complex, interconnected systems.

These courses are exclusively open to students in the LEADS Academy.

Course Type	1st and 2nd Semesters	Prerequisite	Participation in Ladue LEADS Academy
Course Number(s)	SSLL01S1/SSLL01S2 SSLL02S1/SSLL02S2 SSLL03S1/SSLL03S2	Credit	1/2 unit Social Studies

Ladue Opportunities

Ladue Opportunities Program Information and Requirements

Participation in the Ladue Opportunities program is a privilege, and therefore, students must meet the following expectations:

Academic Expectations

- Students attend school Monday, Tuesday, Thursday, and Friday from 9:30-12:30.
 - Parents/Guardians are expected to notify the school when the student will be absent.
 - At least one day per week, students will participate in physical education and wellness activities as a part of their required coursework
- Students will complete work and/or meet with a teacher, as necessary and assigned, virtually on Wednesday each week.
- Students are expected to complete the academic course work assigned for their respective programming.
 - Students in Ladue Opportunities are participating in one of three academic plans:
 - Credit Recovery/Attainment to graduate on traditional credit-based plan
 - Missouri Option Program (see Missouri Option Program Requirements)
 - Credit Attainment as a part of a long term suspension, as determined by the Superintendent of Schools
 - If a student is enrolling in Ladue Opportunities as a part of a long-term suspension, the student will access courses in fully virtual format unless otherwise determined by the principal and grade-level assistant principal.

Behavioral Expectations

- Students are expected to arrive on-time (in the classroom by 9:30).
- Students will enter and exit using the Performing Arts Center (PAC) South Entrance only.
- Students MUST stay in the classroom, PAC lobby, and PAC restrooms throughout their time of attendance.
- Students are not permitted to use cell phones at any time during the day. They can be left at home/in cars or checking in upon arrival to the building.
- Students are expected to comply with all teacher requests and expectations in the classroom.
- Computer and internet access are intended for academic purposes only.
- Repeated violations of any of the above expectations will result in suspension from in-person attendance and/or termination from the program.

Ladue Horton Watkins High School Course Withdrawal Calendar

Withdrawal Procedures

1. Students withdrawing from a course must receive parent, teacher, counselor, and administrative approval.
2. Students granted permission to withdraw will be enrolled in a study hall, and the following guidelines will apply:

Weeks 1 - 2	Student may withdraw with no grade assigned.
Weeks 3 - 6	Student will receive a Withdraw (W) on their transcript.
Weeks 7 - 12	Student will receive a .25 credit of the current grade earned in the course on their transcript
Weeks 13 - 18	Student remains in the course or receives a .5 F for the semester grade.

3. The appropriate form will be completed and signed by all parties required. The form will be submitted to the Infinite Campus Coordinator.

Level Change Procedures

1. Students or teachers may initiate a request for a level change within a subject that offers multiple levels.
2. A level change must receive parent, teacher, counselor, and administrative approval.
3. All changes must be completed by the end of the 9th week of the semester.

Withdrawal Calendar

<u>Time of Withdrawal</u>	<u>Semester 1</u>	<u>Semester 2</u>	<u>Quarter and semester grade to be assigned when student withdraws</u>
Weeks 1-2	08/22/23 - 09/01/23	01/04/24 - 01/12/24	No grade assigned.
Weeks 3-6	09/04/23 - 09/29/23	01/15/24 - 02/09/24	Withdraw (W) on transcript. Grade not calculated into GPA.
Weeks 7-12	10/02/23 - 11/10/23	02/12/24 - 03/22/24	Withdraw with 0.25 credit earned on transcript. Grade calculated into GPA.
Week 13-End of Semester	11/13/23 - 12/19/23	03/25/24- 05/30/24	F for the semester on transcript.

South Tech

South Tech

Eligible students may participate in a variety of ½ day learning opportunities at South Tech. See your counselor for more information regarding eligibility.

Minimum Admissions Criteria*

Current 10th Grade Applicants—(when application submitted between December-May) = 5 core credits, 1 of which is English. At time of enrollment = 7 core credits, 1.5 of which is English.

Current 11th Grade Applicants—(when application submitted between December-May) = 9.5 core credits, 2 of which is English. At time of enrollment = 11 core credits, 2.5 of which is English.

*Some programs have extra criteria to meet in addition to those listed above.

Program Offerings

Auto Body

Automotive Technology

Carpentry +

Cisco Networking Academy **

Construction and Maintenance

Construction Innovations

Construction Trades +

Cosmetology

Culinary Arts

Design & Entrepreneurship **

Dental Sciences **

Early Childhood Education

Electrical Trades +

Emergency Medical Technician **

Electronics & Robotics Engineering **

Firefighting **

Floor Layers Middle Apprenticeship +

Graphic Design

Health Sciences **

Health Science Academy+**

Heating, Ventilation, & Air Conditioning +

Information Technology

Law Enforcement

Light Manufacturing

Medical Services

Pharmacy Sciences **

Precision Machining

Veterinary Assistant **

Web & Computer Programming **

Welding

+ = Seniors only

** = Extra criteria to meet above minimum requirements

Auto Body - focuses on the repair and appearance of the interior and exterior of vehicles. Students learn how to assess, estimate, and repair using modern welding, sanding, masking and painting techniques and the same advanced equipment used in professional auto collision repair companies. Students learn from I-CAR curriculum and earn advanced college credit from State Technical College in Missouri.

COLLEGE CREDIT OFFERED: State Technical College of Missouri, 3 credits • Universal Technical Institute, 12 units

CERTIFICATIONS OFFERED: Automobile Service Excellence (ASE) Student

Certification in Nonstructural/Paint & Refinishing, S/P2 Safety Certification

Automotive Technology - driven by the 4 main systems of vehicle operation: brakes, suspension and steering, engine performance, and electrical/electronics. Students will diagnose, service, and repair a wide range of vehicles alongside their ASE certified Master Technician instructor. The classroom includes modern diagnostic equipment which students operate as they work toward multiple ASE certifications

COLLEGE CREDIT OFFERED: State Technical College of Missouri, 3 credits • Universal Technical Institute, 12 units

CERTIFICATIONS OFFERED: Automobile Service Excellence (ASE) Student

Certification in Brakes, Electrical, Engine Performance, Suspension, S/P2 Safety Certification

Carpentry, Seniors Only - students build a skill set that includes framing, estimating, roofing, and interior finishing. Students learn how to read and interpret blueprints and build structures using a wide range of professional power tools and carpentry materials.

COLLEGE CREDIT OFFERED: St. Louis Community College, 6 credits

APPRENTICESHIP CREDIT OFFERED: Carpenter's Apprentice, 1 - 3 days of Pre-Employment Course, 1 specialty or elective unit of training, advanced placement testing in related areas per joint agreement with the St. Louis Carpenter's Joint Apprenticeship Program • Construction Craft

Laborers - credit for 40 hours of apprentice training and 500 hours of on-the-job training

CERTIFICATIONS OFFERED: Home Builders Institute (HBI) – Pre-Apprenticeship Training Core Certification •

Occupational Safety and Health Administration (OSHA) – 10 hour Construction Industry

Cisco Networking Academy - honors course in which students learn how to design, install and troubleshoot complex computer networks. Students will navigate a variety of projects as they complete Cisco's online curriculum in preparation for their certification exams.

COLLEGE CREDIT OFFERED: St. Louis

Community College, 10 credits • St. Charles Community College, 25 credits • State Technical College of Missouri, 18 credits (provided A+ Certification

attained) • Jefferson College, 5 credits

CERTIFICATIONS OFFERED: CompTIA A+ Certification, Cisco Certified Entry Level Network Technician (CCENT) Certification

Construction and Maintenance - Students will be introduced to safety, building repair, preventative maintenance, general building upkeep, and problem solving. They will learn to work through problems and identify the best solutions. South Tech's Hybrid Programs are 1-year programs designed to accommodate a diverse group of learners, and instruction is differentiated to emphasize the strengths of each student. These programs are taught by a Career & Technical Education Certified Teachers with years of industry experience and are ideal for students seeking to explore particular industries in a smaller setting with additional supports that facilitate learning.

Construction Innovations - Our Construction Innovations major allows students to customize a year or semester of construction exploration to match their interests. A wide variety of quarter long courses give students a solid foundation of basic knowledge and experience. Students can continue into an Advanced Construction course in their second year. Students choose from: Carpentry, Electrical Trades, General Construction, Floor Layers Middle Apprenticeship, or Heating, Ventilation, & Air Conditioning.

CERTIFICATIONS OFFERED: Home Builders Institute (HBI) – Pre-Apprenticeship Training Core Certification •

Occupational Safety and Health Administration (OSHA) – 10 hour Construction

Construction Trades, Seniors Only - provides students with general skills in carpentry, masonry, plumbing, electricity, and heating and cooling. This program allows students to take a variety of construction projects from blueprints to completion.

COLLEGE CREDIT OFFERED: St. Louis Community College, 6 credits

APPRENTICESHIP CREDIT OFFERED: Carpenter's Apprentice, 1 - 3 days of Pre-Employment Course, 1 specialty or elective unit of training, advanced placement testing in related areas per joint agreement with the St. Louis Carpenter's Joint Apprenticeship Program • Construction Craft Laborers - credit for 40 hours of apprentice training and 500 hours of on-the-job training

CERTIFICATIONS OFFERED: Home Builders Institute (HBI) – Pre-Apprenticeship Training Core Certification •

Occupational Safety and Health Administration (OSHA) – 10 hour Construction Industry

Cosmetology - offers the same curriculum as a beauty college including all hair, nail, and skincare services. Students learn in a full-service salon along with classroom instruction from licensed Cosmetologists. By graduation, students will have had the opportunity to earn all the hours required to take their Missouri State Board certification exam to become a licensed cosmetologist. CERTIFICATIONS OFFERED: Cosmetology Missouri State Board of Certification

Culinary Arts - taught in a modern, fully equipped, restaurant style kitchen. Students plan, prepare, and cater meals alongside professional chefs in both the classroom and at various competitions throughout the year.

COLLEGE CREDIT OFFERED: St. Louis Community College, 5 credits • Sullivan University, 3 credits • Illinois Institute of Art, 20 1/4 hours • Johnson and Wales University, 13.5 1/4 hours • Robert Morris University, 9 1/4 hours

CERTIFICATIONS OFFERED: American Culinary Federation Certification • Servsafe Certification

Dental Sciences - gives students a clinical experience in the classroom and through internships which are available during the senior year. Our modern operatory allows students to conduct mock exams and perform X-rays, preventative practices, and emergency care using professional dental equipment

COLLEGE CREDIT OFFERED: Missouri Baptist University, Dual Credit, 8 credits

CERTIFICATIONS OFFERED: Missouri Expanded Dental Assistant Certification • CPR Certification

Design & Entrepreneurship - Inventors will thrive in this product development course designed to support creation and innovation. Bring your ideas to fruition with support from local St. Louis professionals and your fellow South Tech students. Learn how to protect, promote, pitch, and produce the products or services you are inspired to create in this course.

CERTIFICATIONS OFFERED: Occupational Safety and Health Administration (OSHA) – 10 hour Certification

Early Childhood Education - turns students into teachers in our certified preschools. Students research, create, and implement lesson plans while learning effective preschool teaching techniques. Upon graduation, students will have a portfolio of work to present to colleges and/or employers.

COLLEGE CREDIT OFFERED: St. Louis Community College, 6 credits

CERTIFICATIONS OFFERED: American Association of Family & Consumer Sciences (AAFCS) – Early Childhood Certification • CPR and First Aid Certifications

Electrical Trades, Seniors Only - teaches students how to design, stage, and install commercial and residential electrical wiring for power and telecommunications systems. Skills include blueprint interpretation, layout, design, and programming equipment while emphasizing logical thinking.

APPRENTICESHIP CREDIT OFFERED: Construction Craft Laborers - credit for 40 hours of apprentice training and 500 hours of on-the-job training

CERTIFICATIONS OFFERED: Home Builders Institute (HBI) – Pre-Apprenticeship Training Core Certification • Occupational Safety and Health Administration (OSHA) – 10 hour Construction Industry

Electronics & Robotics Engineering - focuses on exploring the complex electrical, electronic, mechanical, and robotic components used in manufacturing and industry. Students design and program robots for the annual FIRST Robotics Competition using modern equipment and techniques.

COLLEGE CREDIT OFFERED: St. Louis Community College, 4 credits

CERTIFICATIONS OFFERED: International Society of Certified Electronics Technicians (ISCET) – 4 certifications in DC Electronics, AC Electronics, Semiconductor, and Digital Electronics

Emergency Medical Technician - brings students into real world emergency scenarios. Students are trained to perform detailed trauma patient assessments using advanced medical and diagnostic equipment and in the operation of emergency response and rescue vehicles.

COLLEGE CREDIT OFFERED: St. Louis Community College, 10 credits

CERTIFICATIONS OFFERED: Emergency Medical Technician Basic certification through National Registry, National First Responder certification, Hazardous Materials Awareness and Operations certification

Firefighting - an academy level course that allows students to do the bulk of their required Fire Academy hours at the high school level. Using a wide range of firefighting and life-saving equipment, students develop their skills through rigorous mental and physical training.

COLLEGE CREDIT OFFERED: St. Louis Community College, 3 credits

CERTIFICATIONS OFFERED: Fire I and Fire II certifications, National First Responder

Floor Layers Middle Apprenticeship, Seniors Only - allows students to begin their post-secondary training while in high school. While learning to install hardwood, vinyl, carpet, and ceramic flooring students earn apprenticeship credit that can also lead to an associate's degree shortly after high school graduation. Paid summer internships with licensed contractors are also available. APPRENTICESHIP CREDIT OFFERED: U.S. Department of Labor Journey Level Certificate – this certificate can be articulated into college credit with Ivy Tech Community College of Indiana and completes all but 5 courses required to earn an Associate's degree in Applied Science. CERTIFICATIONS OFFERED: Home Builders Institute (HBI)– Pre-Apprenticeship Training Core Certification • Occupational Safety and Health Administration (OSHA) – 10 hour Construction Industry Certification

Graphic Design - channels students' passion for art into advertising and marketing projects using the full Adobe Suite of design software. Through advanced tutorials combined with a study of fonts, color theory, sketching and drawing, students produce a professional portfolio of their work to share with prospective colleges and employers. COLLEGE CREDIT OFFERED: St. Louis Community College, 3 credits CERTIFICATIONS OFFERED: Adobe certifications

Health Sciences - immerses students into healthcare through lab and patient care experiences, high-level academic coursework in anatomy and physiology, and clinical rotations at area hospitals and assisted living facilities. ARTICULATING INSTITUTIONS & CREDIT OFFERED: St. Louis Community College, 4 credits • Missouri Baptist University, Dual Credit, 8 credits CERTIFICATIONS OFFERED: Certified Nursing Assistant (CNA) – State of Missouri certification • Occupational Safety and Health Administration (OSHA) –10 hour General Industry – Healthcare Certification • CPR and First Aid certifications

Health Sciences Academy, Seniors Only - provides an intense exploration of the medical field for college bound students. Through shadowing opportunities, guest lecturers, medical terminology study, and anatomy and physiology curriculum, students learn about a wide variety of patient care professions and leave our program with a solid understanding of those careers and how to pursue them. COLLEGE CREDIT OFFERED: Missouri Baptist University, Dual Credit, 8 credits CERTIFICATIONS OFFERED: Occupational Safety and Health Administration (OSHA) –10 hour General Industry – Healthcare Certification • CPR and First Aid Certifications

Heating, Ventilation, & Air Conditioning, Seniors Only - Our HVAC major teaches students to design, install, repair, and maintain residential and commercial refrigeration, heating, and air conditioning systems. Students will learn blueprint reading, electrical schematics, and operational sequencing charts as they progress toward certification. APPRENTICESHIP CREDIT OFFERED: Construction Craft Laborers - credit for 40 hours of apprentice training and 500 hours of on-the-job training CERTIFICATIONS OFFERED: Home Builders Institute (HBI) – Pre-Apprenticeship Training Core Certification • Occupational Safety and Health Administration (OSHA) – 10 hour Construction Industry Certification • Environmental Protection Agency (EPA) – 608, Refrigeration Handling certification

Information Technology - Students will be introduced to a number of information technology skills including web design and coding, help desk skills and network essentials. South Tech's Hybrid Programs are 1-year programs designed to accommodate a diverse group of learners, and instruction is differentiated to emphasize the strengths of each student. These programs are taught by a Career & Technical Education Certified Teachers with years of industry experience and are ideal for students seeking to explore particular industries in a smaller setting with additional supports that facilitate learning.

Law Enforcement - introduces students to the Police Academy through an array of training exercises, crime scenarios, self-defense, and fitness training. Students will learn conflict mediation and resolution, investigation techniques, and be trained in the use of advanced security related training equipment, including vehicles. COLLEGE CREDIT OFFERED: University of Central Missouri, Dual Credit, 3 hours CERTIFICATIONS: Missouri Law Enforcement Skills and Knowledge (MOLESK) Certification

Light Manufacturing - This program will explore an introduction to manufacturing skills including welding, precision machining, and fabrication. This program will also include an overview of safety, equipment operation and problem solving. South Tech's Hybrid Programs are 1-year programs designed to accommodate a diverse group of learners, and instruction is differentiated to emphasize the strengths of each student. These programs are taught by a Career & Technical Education Certified Teachers with years of industry experience and are ideal for students seeking to explore particular industries in a smaller setting with additional supports that facilitate learning.

Medical Services - This program will explore dietary and nutrition needs, teach the skills required of a nursing home health aide, and include study of Patient Care Technician curriculum. Students will also learn about customer service and communications skills required in a healthcare setting. South Tech's Hybrid Programs are 1-year programs designed to accommodate a diverse group of learners, and instruction is differentiated to emphasize the strengths of each student. These programs are taught by a Career & Technical Education Certified Teachers with years of industry experience and are ideal for students seeking to explore particular industries in a smaller setting with additional supports that facilitate learning.

Pharmacy Sciences, 1 year only - students use the same advanced equipment as industry professionals as they perform testing and research drug treatments and interactions. In preparation for their Pharmacy Technician Certification Board exam, students learn skills required for careers in retail, hospital, and medical center pharmacies. Juniors in Pharmacy can choose to continue their studies in the Pre-Professional Health Sciences Academy.

CERTIFICATIONS OFFERED: Pharmacy Technician Certification Board (PTCB) Certification

Precision Machining - teaches students to invent, design, and manufacture tools and components for a wide range of production needs. Using advanced computer controlled technology, 3D printing, and traditional machining skills, students develop projects designed with MasterCAM and Computer Aided Design (CAD) software

COLLEGE CREDIT OFFERED: St. Louis Community College, 5 credits • State Technical College of Missouri, 6 credits

CERTIFICATIONS OFFERED: National Institute for Metalworking Skills (NIMS) – Measurement, Materials & Safety Certification, Job Planning, Benchwork & Layout Certification

Veterinary Assistant - explores the science of veterinary medicine including animal care and training, clinical procedures, medical terminology, grooming, and disease prevention. Students interact daily with a wide variety of animals fostered in our facilities, providing their medical care, while learning from certified professionals.

COLLEGE CREDIT OFFERED: Jefferson College, 2 credits

CERTIFICATIONS OFFERED: Certified Vet Assistant – State of Missouri Vet Med Association

Web & Computer Programming - teaches students how to write and edit source code and applets using several programming languages including HTML and Java. Students will design, create, and maintain software, databases, and web pages while earning certifications.

COLLEGE CREDIT OFFERED: St. Louis Community College, 5 credits

CERTIFICATIONS OFFERED: Microsoft Technology Associate (MTA) Certification – HTML5 or Software Development

Welding - trains students to design, engineer, build, and troubleshoot complex metal fabrication challenges. Through high-level training, competitions, and work ethic, students perfect modern welding processes while earning welding certifications

COLLEGE CREDIT OFFERED: State Technical College of Missouri, 15 hours

APPRENTICESHIP CREDIT OFFERED: Construction Craft Laborers – Credit for 40 hours of Apprentice Training and 500 hours of On-The-Job Training

CERTIFICATIONS OFFERED: American Welding Society (AWS) – multiple entry-level welding certifications available, S/P2 Safety Certification

Independent Study

Independent Study

Independent Study provides an opportunity for pursuit of a specialized interest, depth of study, and student needs not met by the current course offerings. The topics for Independent Study are identified and planned by the student, cooperating teacher, counselor, and grade-level principal.

The student is responsible for contracted assignments, as indicated on the Independent Study Form. Independent Study courses will be designed to cover a semester.

Guidelines:

- Independent study must be developed and approved by May 1 of the preceding school year for the next school year.
- Independent Study may not replace a subject offered during the given semester.
- A student may receive credit for a given Independent Study topic only one time. A student may, however, pursue another topic in the same departmental area.
- A student may have no more than one Independent Study scheduled in a semester. The principal must approve any exceptions.
- A student's Independent Study will not be allowed to continue if in any six-week grading period performance is not proper and adequate.
- Independent Study approved for a semester will not be extended into the following semester if not completed in the assigned time.
- The Independent Study must be scheduled during one of the teacher's class periods, not on a prep period.

A faculty member who sponsors a student's Independent Study is responsible for complete, specific information on the Independent Study form. The faculty member is also responsible to see that the contracted readings, assignments, conferences, etc. are properly completed before awarding credit for the study. The faculty member must have appropriate certification for the proposed program of study. Generally, a faculty member is to be responsible for no more than four Independent Study students. Exceptions must be approved by the principal.

Students may obtain an Independent Study form in the Counseling Office.

MoCAP

St. Louis Virtual Campus

MoCAP

As a part of the Missouri Course Access and Virtual School Program legislation, Ladue Horton Watkins High School provides access to online coursework to students. The Ladue School District has selected Launch, through the Springfield Public Schools, as the preferred vendor for online coursework. For more information, please see your counselor prior to scheduling your classes for the following school year.

Students cannot withdraw from an in-person course because of academic dishonesty and enroll in an equivalent virtual course.

St. Louis Virtual Campus

St. Louis Virtual Campus allows students to access specialized and upper-level, asynchronous, online courses. Students will access their courses utilizing Schoology, St. Louis Virtual Campus's learning management system. Communication with the instructor and other students is done primarily via electronic communication (email, chats, discussion boards, etc.). Teachers may schedule online meetings (via Zoom or Google Meet), if needed.

St. Louis Virtual Campus allows students a flexible, online alternative to extend and enrich learning, as well as complete a portion of their high school course work. Classes will be designed to meet a variety of learning styles and needs.

Course Descriptions For St. Louis Virtual Campus Courses

Chinese I: Chinese I will introduce the students to the basic components of Mandarin Chinese through theme-based content and activities. Pinyin Romanization, simplified forms of Chinese characters and basic grammar patterns, as well as functional everyday expressions will be taught within the living context of Chinese culture. This course is designed for students who wish to develop skills in understanding, speaking, reading, and writing in Mandarin Chinese. Topics will start from self-introduction and develop to students' immediate surroundings such as school, family and daily life. Cultural components will be taught through movies, video, songs, crafts, festival celebrations and geographic context.

Accounting I: Students interested in learning how businesses operate, students interested in accounting or business as a major in college, and students interested in learning about keeping the financial records for their own business in the future, can all benefit from taking Accounting I. Students will learn financial accounting concepts including the accounting equation, the accounting cycle, entering transactions, posting to ledgers, preparing financial statements and payroll systems. Students will learn to utilize spreadsheet programs and automated accounting software to perform accounting procedures. Connections between accounting principles, the business world, as well as career opportunities in Accounting are provided.

Accounting II: Accounting II gives students the opportunity to apply their knowledge from Accounting I by mastering advanced accounting activities and concepts. The topics included are departmentalized accounting, inventory planning, depreciation, notes, accrued expenses and revenues, stocks, bonds, and dividends. Students will continue to utilize spreadsheet programs and automated accounting software to perform accounting procedures. Accounting II provides the foundation of skills and knowledge with which to pursue study in college or enter the work world.

All building protocols for schedule changes and course withdrawals can be found on pages 31 and 32. These apply to all students and all courses, regardless of format.

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