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## GRADUATION REQUIREMENT

Pattonville School District requires a minimum of twenty-four (24) units of high school credit, which must be earned in grades nine and above. (Subject to change with Board of Education approval)

<b>COMMUNICATION ARTS</b>	<b>4 credits</b>
<b>SOCIAL STUDIES</b>	<b>3 credits</b>
<b>MATHEMATICS</b>	<b>3 credits</b>
<b>SCIENCE</b>	<b>3 credits</b>
<b>FINE ARTS</b>	<b>1 credit</b>
<b>PRACTICAL ARTS</b>	<b>1/2 credit</b>
<b>PERSONAL FINANCE</b>	<b>1/2 credit</b>
<b>PHYSICAL EDUCATION</b>	<b>1 credit</b>
<b>HEALTH</b>	<b>1/2 credit</b>
<b>ELECTIVES</b>	<b>7 1/2 credits</b>
<b>TOTAL NUMBER OF CREDITS</b>	<b>24 credits</b>

**\*\*Students are required to take ONE of the following courses to meet the requirement for ORAL COMMUNICATIONS for graduation:**

**Comm. Arts:** Oral Communication, Debate & Public Speaking, Politics, Persuasion/ Law

**Fine Arts:** Competitive Theatre, Introduction to Theatre

**Practical Arts:** Television Studio Production, Video Production

**50 HOURS OF COMMUNITY SERVICE ARE REQUIRED TO RECEIVE A DIPLOMA.**

**NOTE:** MOST MAJOR COLLEGES AND UNIVERSITIES, INCLUDING THE UNIVERSITY OF MISSOURI, REQUIRE FOUR CREDITS OF HIGH SCHOOL ENGLISH. A MAXIMUM OF ONE CREDIT OF SPEECH, FORENSICS, AND DEBATE WILL BE ACCEPTED IN THIS ENGLISH REQUIREMENT. (SOPHOMORE COMMUNICATION SKILLS SATISFIES 1/2 OF THIS ONE CREDIT IN SPEECH).

**This program of required and elective courses is to be planned cooperatively by the student, parents, and school counselor. All students must attend eight (8) semesters in grades nine (9) and above unless special permission is granted to graduate early, providing all requirements are satisfactory.**

All students entering Pattonville from schools with different graduation requirements will be required to meet all local requirements possible without extending the student's time in high school, as long as the student meets all requirements of the state of Missouri and was scheduled to graduate on time at their previous school.

## PHS WEIGHTED GRADES

1. Weighted grade points are similar to grade points except that weighted grade points differentiate between regular courses, honors, advance placement courses, college credit, and gifted courses. Weighted grade points are the numeric equivalent of a student's grade in a credit-bearing course according to the following scale:

<b>Grade</b>	<b>Non-Weighted</b>	<b>Weighted</b>
<b>A</b>	<b>4</b>	<b>5</b>
<b>B</b>	<b>3</b>	<b>4</b>
<b>C</b>	<b>2</b>	<b>3</b>
<b>D</b>	<b>1</b>	<b>1</b>
<b>F</b>	<b>0</b>	<b>0</b>

2. Both weighted and non-weighted G.P.A.'s and corresponding class ranks are reported on all report cards and transcripts.

3. The following courses will be weighted if the student earns a C or above:

- Advanced Placement Courses (a fee is required to take AP exams)
- College Credit Courses
- Honors Courses
- Gifted Courses
- Band/Orchestra (see page 87 for more detailed information)

*(In order for a new course to be weighted, it must be approved by the Curriculum Coordinating Council.)*

Top students will be recognized according to a cum laude system.

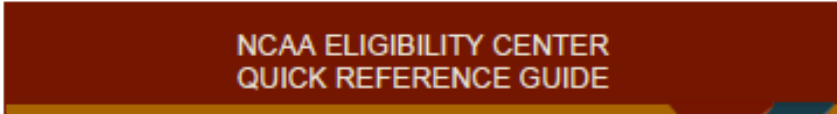

- 4.03 And above summa cum laude
- 3.75 – 4.02 magna cum laude
- 3.74 – 3.50 cum laude

# College Bound Student Athletes - NCAA Core Course Information

Students interested in college athletics should become familiar with the NCAA (National College Athletic Association) Clearinghouse and requirements for eligibility to compete at Division I or Division II level. An important part of eligibility is meeting specific course requirements and academic standards while in high school.

## In order to be classified as a "qualifier", a student must:

- ◆ Graduate from High School
- ◆ Successfully complete a core curriculum of at least 16 units of credit from core academic courses.
- ◆ Have a core-course grade point average minimum of 2.0 (based on a 4.0 scale) and a combined score on the SAT verbal and math sections or a sum score on the ACT based on the qualifier index scale in NCAA guide.

### Divisions I and II Initial-Eligibility Requirements

#### Core Courses

- NCAA Divisions I and II require 16 core courses. See the charts below.
- **Beginning August 1, 2016, NCAA Division I will require 10 core courses to be completed prior to the seventh semester** (seven of the 10 must be a combination of English, math or natural or physical science that meet the distribution requirements below). These 10 courses become "locked in" at the start of the seventh semester and cannot be retaken for grade improvement.
  - *Beginning August 1, 2016, it will be possible for a Division I college-bound student-athlete to still receive athletics aid and the ability to practice with the team if he or she fails to meet the 10 course requirement, but would not be able to compete.*

#### Test Scores

- **Division I** uses a sliding scale to match test scores and core grade-point averages (GPA). The sliding scale for those requirements is shown on Page No. 2 of this sheet.
- **Division II** requires a minimum SAT score of 820 or an ACT sum score of 68.
- The SAT score used for NCAA purposes includes only the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a sum of the following four sections: English, mathematics, reading and science.
- **When you register for the SAT or ACT, use the NCAA Eligibility Center code of 9999 to ensure all SAT and ACT scores are reported directly to the NCAA Eligibility Center from the testing agency. Test scores that appear on transcripts will not be used.**

#### Grade-Point Average

- **Be sure to look at your high school's List of NCAA Courses on the NCAA Eligibility Center's website ([www.eligibilitycenter.org](http://www.eligibilitycenter.org)).** Only courses that appear on your school's List of NCAA Courses will be used in the calculation of the core GPA. Use the list as a guide.
- **Division I** students enrolling full time **before August 1, 2016**, should use Sliding Scale A to determine eligibility to receive athletics aid, practice and competition during the first year.
- **Division I** GPA required to receive athletics aid and practice on or after August 1, 2016, is 2.000-2.299 (corresponding test-score requirements are listed on Sliding Scale B on Page No. 2 of this sheet).
- **Division I** GPA required to be eligible for competition on or after August 1, 2016, is 2.300 (corresponding test-score requirements are listed on Sliding Scale B on Page No. 2 of this sheet).
- **The Division II** core GPA requirement is a minimum of 2.000.
- Remember, the NCAA GPA is calculated using NCAA core courses only.

<b>DIVISION I</b> 16 Core Courses	<b>DIVISION II</b> 16 Core Courses
4 years of English.	3 years of English.
3 years of mathematics (Algebra I or higher).	2 years of mathematics (Algebra I or higher).
2 years of natural/physical science (1 year of lab if offered by high school).	2 years of natural/physical science (1 year of lab if offered by high school).
1 year of additional English, mathematics or natural/physical science.	3 years of additional English, mathematics or natural/physical science.
2 years of social science.	2 years of social science.
4 years of additional courses (from any area above, foreign language or comparative religion/philosophy).	4 years of additional courses (from any area above, foreign language or comparative religion/philosophy).

## Pattonville High School Core Courses (NCAA approved)

All Communications Arts, Social Studies, Science and Math and Foreign Language courses listed in the PHS course description guide are recognized by the NCAA as acceptable core courses **EXCEPT** the following:

<p style="text-align: center;"><b><u>Communication Arts</u></b></p> <p style="text-align: center;">Communication Media/ECHO/Pirate Press Acting/Acting2/Competitive Drama English and Reading Essentials English Fundamentals English 4</p>	<p style="text-align: center;"><b><u>Science</u></b></p> <p style="text-align: center;">Concepts of Physical Systems Concepts of Biological Systems</p>
<p style="text-align: center;"><b><u>Mathematics</u></b></p> <p style="text-align: center;">Algebra Success 1 &amp; 2 Consumer Math 1 Consumer Math 2</p>	<p style="text-align: center;"><b><u>Social Studies</u></b></p> <p style="text-align: center;">No Exceptions</p>

For additional information see your guidance counselor, college counselor, coach or athletic director during your freshman year. You are also encouraged to visit the NCAA website at [www.ncaa.org](http://www.ncaa.org)

## **A+ Schools Program**

Pattonville High School is an A+ School as designated by the State of Missouri. Students that graduate from Pattonville High School meeting the following requirements may be eligible for up to 2 years of paid tuition at a Missouri Community College or Public Tech School.

- Sign an A+ Agreement to enroll in the program.
- Attend an A+ school for the 3 consecutive years prior to graduation.
- Achieve a minimum 2.5 (non-weighted) G.P.A.
- Have a record of good citizenship.
- Have a 95% attendance rate by graduation.
- Score of proficient or advanced on the Algebra I EOC (or a higher Math EOC).
- Complete 50 hours of unpaid tutoring at a PSD school under the supervision of a PSD certified teacher.

\*\*Students must enroll in the A+ Schools Program by Sept. 30 of their senior year. All requirements are cumulative over the 4 years of high school.

*For more information, visit Missouri Dept. of Higher Education website: [dhe.mo.gov](http://dhe.mo.gov)*

Your target is 24 credits including all the required courses, passing the US and MO Constitution tests, and completing 50 hours of approved community service.

**ENGLISH**  
4 Credits

ENG 1	ENG 1	ENG 2	ENG 2	ENG 3	ENG 3	ENG	ENG		

**SOCIAL STUDIES**  
3 Credits

ThemAM	Them/Ele	WH2	WH2	USH	USH	GOV			

**MATHEMATICS**  
3 Credits

MAT	MAT	MAT	MAT	MAT	MAT				

**SCIENCE**  
3 Credits

BSC	BSC	PSC	PSC	SCE	SCE				

**FINE ARTS**  
Art/Music  
1 Credit


**PRACTICAL ARTS**  
1 Credit

			PER FIN						

**PHYSICAL EDUCATION**  
1.5 Credits

HEALTH	PE	PE							

**MODERN LANGUAGE**


**Additional Electives**

						CSK	COMSERV	MO-C	US-C

Date \_\_\_\_\_ Credit \_\_\_\_\_ GPA \_\_\_\_\_      Date \_\_\_\_\_ Credits \_\_\_\_\_ GPA \_\_\_\_\_  
 Date \_\_\_\_\_ Credit \_\_\_\_\_ GPA \_\_\_\_\_      Date \_\_\_\_\_ Credits \_\_\_\_\_ GPA \_\_\_\_\_  
 Date \_\_\_\_\_ Credit \_\_\_\_\_ GPA \_\_\_\_\_      Date \_\_\_\_\_ Credits \_\_\_\_\_ GPA \_\_\_\_\_  
 Date \_\_\_\_\_ Credit \_\_\_\_\_ GPA \_\_\_\_\_      Date \_\_\_\_\_ Credits \_\_\_\_\_ GPA \_\_\_\_\_

PATTONVILLE SUMMER SCHOOL INFORMATION  
INCOMING 9<sup>TH</sup> GRADE STUDENTS  
2014

Students entering 9<sup>th</sup> grade in fall 2014 may apply to take up to two summer school courses. The courses offered are 9<sup>th</sup> grade Physical Education and Health. Students are enrolled in summer school courses as follows: 1) by grade level, beginning with 12<sup>th</sup> grade, and, 2) by the date the application is received at the high school guidance office. Students will be placed on a waiting list once classes are filled. **Courses are not guaranteed during the summer session.** Courses may be cancelled due to low enrollment, lack of a qualified instructor, or lack of funding. **Space is limited.**

The summer session for grades 9-12 begins on Thursday, June 5 and ends on Tuesday, July 1. (Pending Board Approval) Summer school meets Monday through Friday of each week. Students may take up to two courses, each offering ½ unit of credit. Summer school hours are 7:45 a.m. to 2:30 p.m. There are two sessions each day: 7:45 a.m. – 10:55 a.m. and 11:20 a.m. to 2:30 p.m. Lunch is available for purchase each day. 2014 summer school will be held at PHS. **There is NO transportation available for summer school at the high school. Letters will be mailed home in mid-April regarding summer school placement.**

Use the enrollment form printed below if you wish to apply for summer school. Mail the completed form to:

Pattonville High School  
Attn: Summer School  
2497 Creve Coeur Mill Road  
Maryland Heights, MO 63043-1199

.....  
PATTONVILLE SCHOOL DISTRICT  
2014 9<sup>TH</sup> GRADE SUMMER SCHOOL APPLICATION

Name: \_\_\_\_\_ Student Number \_\_\_\_\_

Address: \_\_\_\_\_ Phone: \_\_\_\_\_

DOB: \_\_\_\_\_ Grade 2013-2014 \_\_\_\_\_

School Attending (2013-2014): \_\_\_\_\_

Course Requests (circle one or both): 9<sup>th</sup> Grade Physical Education          Health

Parent Signature: \_\_\_\_\_ Date: \_\_\_\_\_

PATTONVILLE SUMMER SCHOOL INFORMATION  
10<sup>th</sup> – 12<sup>th</sup> GRADE STUDENTS  
2014

Current high school students may apply to take up to two summer school classes. Pattonville offers courses for advancement and remediation.

The **advancement courses** offered are Personal Finance (on-line format), 9<sup>th</sup> Grade Physical Education, Health, and Team Sports . The **remedial courses** offered are in core subject areas for students who do not pass a class during the school year. Students are given summer school forms by the counselors during the registration process beginning at the end of January. Students are expected to bring the forms home for parent signature and return them to the guidance office. **Students will not be enrolled without parent signature.**

The Guidance office at Pattonville High School will accept applications for 2014 summer school, beginning January 21 through March 6. The deadline is used to determine staffing. Students who need placement after March 8 will be placed according to availability. Students are enrolled in summer school courses as follows: 1) by grade level, beginning with 12<sup>th</sup> grade, and, 2) by the date the application is received at the high school guidance office. Students will be placed on a waiting list once classes are filled. **Courses are not guaranteed during the summer session.** Courses may be cancelled due to low enrollment or lack of a qualified instructor.

The summer school session for grades 9-12 begins on Thursday, June 5 and ends on Tuesday, July 1. Summer school meets Monday through Friday of each week. Students may take up to two courses, each offering ½ unit of credit. Summer school hours are 7:45 a.m. to 2:30 p.m. There are two sessions each day: 7:45 a.m. – 10:55 a.m. and 11:20 a.m. to 2:30 p.m. Lunch is available for purchase each day. **There is NO transportation available for summer school which will be held at PHS.**

**Summer School will be offered pending board approval and funding availability.**

Summer School registration forms will be given to students via their counselor during registration in January and February.



## **End of Course (EOC) Exams Replace MAP Testing at the High School Level**

Missouri transitioned from MAP testing to End of Course Exams for the 2008-2009 school year. Rather than taking MAP tests in the spring of each year, students will now take End of Course Exams in select courses throughout their high school career.

Essentially, the final exam in certain courses will include a standardized component that is common across the state. Results from this test will be used by the state to determine student proficiency in the various subject areas.

Like any final exam, students will receive a grade and it will affect their final grade in the course. Passing each individual exam, however, is not a state requirement for graduation. Class credit will still be based on the overall grade earned in the course.

End of Course exams for full year courses (1 credit) will be taken at the end of second semester only.

The following End of Course Exams will be given during the 2014-2015 school year:

<b>2014-2015 School Year</b>
Algebra I, Geometry, Algebra II (required cohorts only)
Biology I
English I, English II
U.S. Government, American History
Class of 2016: End of High School Exam: English, Mathematics

# COMMUNICATION ARTS DEPARTMENT

## REQUIRED COURSES

**\*\*Oral Communication is required. See p. 2 for courses that meet this requirement**

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**9th** English 1 **OR** Honors English 1 **OR** Gifted English 1

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**10th** English 2 **OR** Honors English 2 **OR** Gifted English 2

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**11th** English 3 **OR** Honors English 3 **OR** Gifted English 3

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**12th** Seniors planning to attend a college or university should elect from the following courses in **Group I**. These courses are the only ones which will fulfill the entrance requirements for English in the Missouri University system:

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### **GROUP I**

C.C. English/AP English 4 (full year)  
English Literature  
College Prep English 4  
Creative Writing  
Modern Literature  
African-American Literature  
AP Language & Composition

### **GROUP II**

Seniors might elect from the following English electives:  
English 4  
Science Fiction  
Creative Writing  
African-American Literature

### **GROUP III**

Seniors might elect from the following Speech, Journalism electives:  
Debate and Public Speaking  
Politics, Persuasion, and the Law  
Debate and Public Speaking; Advanced, College Credit  
Introduction to Journalism  
Photojournalism  
Pirate Press (Newspaper)  
Echo (Yearbook)  
Literature and Film Connections  
AP Art History  
Drama as Literature

# COMMUNICATION ARTS

<b>COURSE NAME</b>	<b>GRADE LEVEL</b>	<b>SEMESTER OR FULL YEAR</b>	<b>PREREQUISITE</b>
English 1	9	Full Year	To be taken sequentially or concurrently if not mastered during the first attempt at taking the course.
Honors English 1+	9	Full Year	B or higher in Communication Arts- 8 <sup>th</sup> grade or C or higher in Challenge Arts- 8 <sup>th</sup> grade AND Teacher Recommendation
English 2	10	Full Year	Pass English 9 to take English 10 or must take English 9 again while concurrently taking English 10.
Honors English 2+	10	Full Year	Earn an A, B, or C in previous year's Honors English course, or earn an A or B in the previous year's regular English course excluding summer school, correspondence courses or ACE.
Oral Communications/Debate	9-12	Semester	None
English 3	11	Full Year	None
Honors English 3+	11	Full Year	Earn an A, B, or C in previous year's Honors English course, or earn an A or B in the previous year's regular English course excluding summer school, correspondence courses or ACE.
Advanced/College Credit Debate and Public Speaking+	10-12	First Semester	Debate & Public Speaking or Teacher Approval, 3.2 for college credit
Advanced/College Credit Debate and Public Speaking+	10-12	Full Year	Debate & Public Speaking or Teacher Approval, 3.2 for college credit
AP Language & Composition	12	Full Year	3.2 GPA or teacher recommendation
African-American Literature	10-12	Semester	English 9
College Credit English	12	Full Year	GPA of 3.2
College Prep English 4	12	1 <sup>st</sup> semester or Full Year	Earned at least a "B" in English 3 or a "C" in Honors English 3 or English 3 teacher recommendation
Creative Writing	10-12	Semester	Teacher Recommendation
ECHO (Yearbook)	11-12	Full Year	Permission of the sponsor
Debate and Public Speaking	9-12	First Semester	None
Drama As Literature	11-12	Semester	None
English 4	12	Semester	None
English Literature	11-12	Semester	None
English Fundamentals	9	Full Year	Based on 7 <sup>th</sup> grade MAP

			scores and Teacher Recommendation
Introduction to Journalism	9-12	Semester	None
Photojournalism	10-12	Semester	None
Pirate Press (Newspaper)	10-12	Full Year	Journalism 1 or Teacher Recommendation
Literature and Film Connections	11-12	Semester	English 1 with "B" or higher
Modern Literature	10-12	Semester	None
Politics, Persuasion & Law	9-12	Second Semester	None
Reading Essentials	9	Full Year	Teacher Recommendation
Science Fiction	11-12	Semester	None
AP Art History	11-12	Full Year	3.2 GPA or teacher recommendation

+Denotes Weighted Courses

## **COMMUNICATION ARTS**

### **GIFTED PROGRAM**

<b>COURSE NAME</b>	<b>GRADE LEVEL</b>	<b>SEMESTER OR FULL YEAR</b>	<b>PREREQUISITE</b>
Gifted Honors English 1+	9	Full Year	Admittance into Gifted Program
Gifted Honors English 2+	10	Full Year	Admittance into Gifted Program
Gifted Honors English 3+	11	Full Year	Admittance into Gifted Program
Gifted Honors Research Seminar+	9-12	Semester	Identification as a gifted learner through the Pattonville School District procedures.

+Denotes Weighted Courses

## Required Freshman Courses

### **ENGLISH 1**

**Full Year**

**Grade 9**

English 1 is a required ninth grade course which focuses on the writing process, including a review and refinement of sentence structure and grammar skills. Composition and research are integrated throughout the course. It also serves as an introduction to a variety of genre, including a Shakespearian play, short stories, novels, non-fiction and poetry. \*This course includes a state required **End of Course Exam**. Please see page 13 for information regarding End of Course Exams.

PREREQUISITE: Students must pass English 1 to take English 2 or must take English 1 again while concurrently taking English 2. Students will be required to take the failed course each year until passed while taking the required English course for that grade level. Course to be taken sequentially or concurrently if not mastered during the first attempt at taking the course.

**OR**

### **HONORS ENGLISH 1**

**Full Year**

**Grade 9**

Honors English 1 serves as an introduction to a variety of genre, including short stories, non-fiction, poetry, novels, and drama. It is a course that focuses on both analyzing literature and the writing process, including a review and refinement of sentence structure and grammar skills. Composition and research are integrated throughout the course. \*This course includes a state required **End of Course Exam**. Please see page 13 for information regarding End of Course Exams.

PREREQUISITE: Teacher Recommendation

## Required Sophomore Courses

### **ENGLISH 2**

**Full Year**

**Grades 10**

English 2 is a full year course for all sophomores. Students will read a variety of literary genres and write four major papers focusing on the writing process. \*This course includes a state required **End of Course Exam**. Please see page 13 for information regarding End of Course Exams.

PREREQUISITE: Students must pass English 1 to take English 2 or must take English 1 again while concurrently taking English 2. Students will be required to take the failed course each year until passed while taking the required English course for that grade level. Course to be taken sequentially or concurrently if not mastered during the first attempt at taking the course.

**OR**

**HONORS ENGLISH 2****Full Year****Grade 10**

Honors English 2 is required of all sophomores. This honors level course exposes students to the basic forms of literature: short story, poetry, play, novel, biography/memoir, and essay. Students will read the works of a variety of authors in order to enlarge their experience and deepen their understanding of the world they live. This course will help prepare students for post-secondary education. \*This course includes a state required **End of Course Exam**. Please see page 13 for information regarding End of Course Exams.

**PREREQUISITE:** Students must have earned an “A”, “B”, or “C” in the previous year’s Honors English course, or students must have earned an “A” or “B” in the previous year’s regular English course excluding summer school, correspondence courses or ACE.

**Required Junior Courses****ENGLISH 3****Full Year****Grade 11**

English 3, required of all juniors, this course provides students with an understanding of the philosophies, historical context, and literature that shape American culture. Students will read a cross section of American authors and genre. Students will respond analytically in writing to literature, and practice different forms of expository writing. Students will write an MLA style research paper.

**PREREQUISITE:** Students must pass English 2 to take English 3 or must take English 2 again while concurrently taking English 3. Students will be required to take the failed course each year until passed while taking the required English course for that grade level. Course to be taken sequentially or concurrently if not mastered during the first attempt at taking the course.

**OR****HONORS ENGLISH 3****Full Year****Grade 11**

Honors English 3 is a full year course that provides students with an understanding of the philosophies, historical context, and literature that shape American culture. Students will read a cross section of American authors and genre. Students will respond analytically in writing to literature, and practice different forms of expository writing. Students will write an MLA style research paper.

**PREREQUISITE:** Students must have earned an “A”, “B”, or “C” in the previous year’s Honors English course, or students must have earned an “A” or “B” in the previous year’s regular English course excluding summer school, correspondence courses or ACE.

**DEBATE AND PUBLIC SPEAKING****Semester****Grades 9-12**

This is a fall semester course, which fulfills the tenth-grade oral communication requirement. It is geared for students with average and above average communication arts ability. It is recommended that students enrolling in this course have at least a 2.5 cumulative GPA, or the recommendation of their communication arts teacher. The course develops skills in research, analysis, critical thinking, logic, organization, note taking, listening, speech writing, and persuasive speaking. In order to maximize the opportunity for students to engage in real-world persuasive speaking, participation in at least in one interscholastic speech and debate tournament is highly encouraged and will be a large part of the grade for the course. As a result, students are expected to meet minimum eligibility standards as prescribed by the Missouri State High School Activities Association (MSHSAA) and Pattonville High School. The student may incur minimal expenses related to tournament travel. This course will satisfy the Oral Communication requirement.

PREREQUISITE: None

**ORAL COMMUNICATIONS****Semester****Grades 9-12**

This course is designed to provide students with competency in organizational, writing, and research skills. Students will benefit from experience in giving both formal and informal presentations. This course is required of all sophomores and emphasis is placed on developing active listening skills, as well as composing and presenting various speeches according to purpose and audience. This course will satisfy the Oral Communication requirement.

PREREQUISITE: None

**ADVANCED/COLLEGE CREDIT DEBATE****AND PUBLIC SPEAKING****First Semester ONLY****Grades 10-12**

Advanced Debate and Public Speaking is an elective class, which teaches advanced techniques of research, analysis, critical thinking, logic, organization, note-taking, listening, speech writing, persuasive speaking, and competitive speech and debate. Extensive participation in interscholastic speech and debate tournaments is required and will be a large portion of the grade. As a result, students are required to meet minimum eligibility standards as prescribed by the Missouri State High School Activities Association (MSHAA) and Pattonville High School. The student may incur minimal expenses related to tournament travel. This course will satisfy the Oral Communication requirement.

PREREQUISITE: Debate and Public Speaking or Teacher Approval (3.2 GPA for college credit.)

**ADVANCED / COLLEGE CREDIT DEBATE  
AND PUBLIC SPEAKING**

**Full Year**

**Grades 10-12**

Advanced Debate and Public Speaking is an elective class, which teaches advanced techniques of research, analysis, critical thinking, logic, organization, note-taking, listening, speech writing, persuasive speaking, and competitive speech and debate. Extensive participation in interscholastic speech and debate tournaments is required and will be a large portion of the grade. As a result, students are required to meet minimum eligibility standards as prescribed by the Missouri State High School Activities Association (MSHAA) and Pattonville High School. The student may incur minimal expenses related to tournament travel. This course will satisfy the Oral Communication requirement.

PREREQUISITE: Debate and Public Speaking or Teacher Approval (3.2 GPA for college credit.)

**ADVANCED PLACEMENT  
LANGUAGE & COMPOSITION**

**Full Year**

**Grade 12**

An AP course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way genre contributes and the resources of language contribute to the effectiveness in writing.

PREREQUISITE: 3.2 GPA or teacher recommendation

**AFRICAN-AMERICAN LITERATURE**

**Semester**

**Grades 10-12**

African-American Literature is an elective course open to juniors, seniors and select sophomores. The purpose of this course is to introduce students to a variety of writers, texts, and genres that have shaped the African American literary tradition.

PREREQUISITE: English 9

**COLLEGE CREDIT ENGLISH 4**

**Full Year**

**Grade 12**

College Credit English 4 is a year course with the first semester a prerequisite to the second. It is open to seniors who meet the prerequisite (3.2 cumulative average or permission of the instructor) and want a more challenging course. First semester meets the college composition requirement at St. Louis University and many other colleges. Students will write a variety of papers, including a research paper. Second semester is equivalent to their introductory literature course and involves intensive literary analysis. Three hours of college credit may be earned each semester. Students may instead choose to take the Advanced Placement examination in English, and special attention will be given to preparing students for that exam.

PREREQUISITE: Cumulative GPA of 3.2



**COLLEGE PREP ENGLISH 4**      **1<sup>st</sup> semester or Full Year**      **Grade 12**

College Prep English 4 is a course that consists of instruction in the process and specifications of writing research papers which follow the MLA style of documentation. Students will also read, respond, discuss, write and/or present on three novels. Students study the historical setting and culture of each novel. Enriching vocabulary will be stressed, as will the college application process and experience.

PREREQUISITE: Earned at least a “B” in English 3 or a “C” in Honors English 3 or English 3 teacher recommendation

**CREATIVE WRITING**      **Semester**      **Grades 10-12**

Creative Writing is an elective course designed for the student who likes to write and has already demonstrated above average ability in writing. The course focuses on descriptive and narrative writing with special emphasis on using precise, vivid language and structural elements appropriate to the genre. Students will construct, edit, revise, and improve a variety of works including, but not limited to, original short stories and poetry.

PREREQUISITE: Teacher Recommendation is suggested

**ECHO (YEARBOOK)**      **Full Year**      **Grades 11-12**

This course consists of instruction in, and production of, the High School yearbook. Students will learn the fundamentals of interviewing, writing, photography, business and design in order to create the yearbook while using Herff Jones’s online publishing program. Students must have time available after school to attend events for coverage. Interested students should apply in January for the following school year. ECHO may be repeated with the adviser’s permission, but only one credit will apply toward the four Communication Arts requirements. A second credit in ECHO becomes an elective credit.

PREREQUISITE: Application process and permission of the adviser

**DRAMA AS LITERATURE**      **Semester**      **Grades 11-12**

This course will present several pieces of Drama to highlight the change in literature, society and politics throughout the centuries. Drama will be looked at as written literature as well as an in depth examination of the genre as an art and as a mode of change. Research into selections will give historical and artistic impact.

PREREQUISITE: None

**ENGLISH 4****Semester****Grade 12**

English 4 is a course designed for the non-college bound student (or those planning to attend a community college). The course emphasizes practical reading and writing skills. Students will engage in activities that prepare them for the workplace, and for living independently.

PREREQUISITE: None

**GIFTED HONORS ENGLISH 1****Full Year****Grade 9**

Gifted Honors English 1 is the first year of the Pattonville High School program for academically gifted students. Students who enroll in the class must satisfy requirements set by the Missouri Department of Elementary and Secondary Education for state-assisted gifted programs. The class has a seminar format and focuses on literature, composition, and problem solving. All activities emphasize the higher-level cognitive skills of analysis, synthesis, and evaluation. \*This course includes a state required **End of Course Exam**. Please see page 12 for information regarding End of Course Exams.

PREREQUISITE: Admittance into gifted program.

**GIFTED HONORS ENGLISH 2****Full Year****Grade 10**

Gifted Honors English 2 is the second year of the Pattonville High School program for academically gifted students. Students who enroll in the class must satisfy the aptitude, achievement, and performance requirements set by the Missouri Department of Elementary and Secondary Education for state-assisted gifted programs. Many classroom activities are interdisciplinary, and all emphasize the higher-level cognitive skills of analysis, synthesis, and evaluation. Activities allow students to extend their learning from Honors English 9, and to continue developing their skills in critical thinking, creative problem solving, research, and oral and written communication.

PREREQUISITE: Admittance into gifted program.

**GIFTED HONORS ENGLISH 3****Full Year****Grade 11**

Gifted Honors English 3 is the final year of the three-year Pattonville High School program for academically gifted students. Students who enroll in the class must satisfy the aptitude, achievement, and performance requirements set by the Missouri Department of Elementary and Secondary Education for state-assisted gifted programs. All course activities emphasize the higher-level cognitive skills of analysis, synthesis, and evaluation. Activities allow students to extend their learning from ninth and tenth grade Honors English so as to continue to develop their skills in critical thinking, creative problem solving, research, and oral and written communication.

PREREQUISITE: Admittance into gifted program.

**GIFTED HONORS RESEARCH SEMINAR**

**Semester**

**Grades 9-12**

Gifted Honors Research Seminar is a course designed for the gifted learner (identified through the Pattonville Gifted Program process) to engage in an intensive, in-depth, long-term investigation of his/her choice, with the possibility to experience an internship or mentorship with a professional in the field of investigation. Final evaluation will be offered through authentic assessment of national contests, publication of student work, and/or review by an expert in the field; the student's grade will be based on the research process quality. This is an elective semester course requiring critical thinking, intellectual curiosity, and independent motivation.

PREREQUISITE: Identification as a gifted learner through the Pattonville School District procedures

**ENGLISH FUNDAMENTALS**

**Full Year**

**Grade 9**

This course is designed for students who are reading and writing below grade level upon entering high school. Units of study will include: grammar, vocabulary, sentence and paragraph development, as well as reading comprehension

PREREQUISITE: Placement in this course will be based on a combination of test scores, grades, a writing sample, and teacher recommendation.

**ENGLISH LITERATURE**

**Semester**

**Grades 11-12**

English is a challenging course designed for students interested in reading and studying about literature by British authors. Writers such as Chaucer, Dickens, Austen, Shakespeare, Milton, Joyce, and Keats will be studied.

PREREQUISITE: None

**INTRODUCTION TO JOURNALISM**

**Semester**

**Grades 9-12**

Introduction to Journalism introduces students to the idea of what news is, how story ideas are generated and the fundamentals of print journalism. Emphasis is on writing and editing, news, features, editorials, sports and reviews. Studies also include libel, ethics, layout, photography and InDesign publishing.

PREREQUISITE: None

**PIRATE PRESS (NEWSPAPER)****Full Year****Grades 10-12**

Pirate Press is the student-run newspaper. This class will be accountable for its publication and will maintain the journalism website (PattonvilleTODAY.com). Students will be responsible for the writing, photography, design, business and publicity for the newspaper and website. Pirate Press may be repeated with the adviser's permission, but only one credit will apply toward the four Communication Arts requirements. A second credit in Pirate Press becomes an elective credit.

PREREQUISITE: Introduction to Journalism or Teacher Recommendation

**LITERATURE AND FILM CONNECTIONS****Semester****Grades 11-12**

This Communication Arts course offers students the opportunity to explore the connections between literature and film especially those of the same title. They will use literary elements (characterization, plot, setting, tone, mood, point-of-view, etc.) to analyze the cinematic visualization of a story. They will also acquire a basic overview of the role of the director, screenplay, performance, music, editing, and other areas of creativity and how each of these are present in different genres of film. Students will become more knowledgeable and appreciative readers as they "see" & "hear" the stories through the technological application of motion pictures. Students should expect to produce high-level written analysis, to complete extensive out-of-class reading, to accomplish some out-of class film viewing, and to participate in in-class discussions.

PREREQUISITE: English 1 with "B" or higher

**MODERN LITERATURE****Semester****Grades 10-12**

Modern Literature is an elective course open to juniors, seniors, and select sophomores. The purpose of this course is to encourage an appreciation for reading while prompting students to critically examine a variety of contemporary writers, texts, and genres. It is also designed to prepare students for college-level humanities courses.

PREREQUISITE: None

**PHOTOJOURNALISM****Semester****Grades 10-12**

Photojournalism will focus on telling stories using cameras and computers. Students will work as photographers and will learn how to write captions, compose photo essays, to use digital editing software, the history and significance of photojournalism and media law and ethics. Assignments will be geared toward publication in one of the school media outlets (newspaper, yearbook, online). Outside class assignments will be required. Students must have access to a digital camera.

PREREQUISITE: None

**POLITICS, PERSUASION, & LAW****Second Semester****Grades 9-12**

Politics, Persuasion, and Law is an elective course offered during the second semester, which teaches logical analysis of controversial issues, research, critical thinking, listening, parliamentary procedure, value debate, oral advocacy, and basic legal concepts and techniques. This class satisfies the Oral Communication requirement.

PREREQUISITE: None

**READING ESSENTIALS****Full Year****Grade 9**

This course is required as a supplement to English 9 for students reading below grade level upon entering the high school. In addition, this course would be appropriate for students who have difficulty with reading independently or reading comprehension. Students weak in vocabulary and word attack skills would also benefit from this class.

PREREQUISITE: Teacher Recommendation

**SCIENCE FICTION****Semester****Grades 11-12**

Science Fiction is an elective course whose primary focus is examination of crucial issues in the contemporary world and world of the future. Students will read and interpret classic science fiction/fantasy, discuss, research, report on, and write about, both formally and informally, issues that the literature raises, including those of science, medicine, environment, technology, and ethics. Emphasis is also given to development of student creativity through short story writing and "hands on" projects.

PREREQUISITE: None

**ADVANCED PLACEMENT ART HISTORY****Full Year****Grades 11-12**

AP Art History enables highly motivates students to study college level art history. Students will gain an understanding of architecture, sculpture, painting, and other art forms within diverse historical and cultural contexts. Students examine major forms of artistic expression from pre-history to the present. They will describe, critically analyze and interpret art works, trace artistic influences, and evaluate art from various esthetic perspectives while visual analysis is a fundamental tool of the art historian, art history emphasizes understanding how and why works of art function in context considering such issues as patronage, gender, and the function and effects of works of art. This study of art history enriches student knowledge and the fields of art, history, and English language arts. No prior experience in art history is needed but the course requires a strong commitment to academic work. Students will be encouraged to take the AP Art History exam in May. The grade for this course is weighted.

PREREQUISITE: 3.2 GPA or teacher recommendation

## ELL

<b>COURSE NAME</b>	<b>GRADE LEVEL</b>	<b>SEMESTER OR FULL YEAR</b>	<b>PREREQUISITE</b>
ELL Content	9-12	Semester	W-APT placement or teacher recommendation
ELL 1	9-12	Full Year	W-APT placement
ELL 2	9-12	Full Year	ELL 1 or W-APT placement
ELL Academic Lab	9-12	Semester	None
ELL Reading Essentials	9-12	Full Year	Teacher recommendation, W-APT placement and RAPS 360

# ELL

**ELL Content      Semester      Grades 9–12**

A one-to-two year course for students at beginning to low intermediate proficiency in English to learn basic subject area vocabulary and concepts, academic language, and learning strategies necessary to access content in science, social studies, and math.

PREREQUISITE: W-APT Placement or teacher recommendation

**ELL 1      Full Year      Grades 9–12**

A one-to-two year course for beginning to low intermediate students, which is designated to provide communications based language instruction in listening, speaking, reading, and writing. The focus is on meaning rather than form, in teaching literacy skills developed during an initial pre-production stage leading to an early-production phase with limited production.

PREREQUISITE: W-APT placement

**ELL 2      Full Year      Grades 9–12**

A one-to- two year course for High Intermediate to Early Advanced students to further develop skills from ELL 1 in listening, speaking, writing and critical thinking in an integrated form. Students will begin to master more complex means of expression to progress toward higher level language skills and improved writing to support increased use of English in content area classes.

PREREQUISITE: ELL 1 or W-APT placement

**ELL READING ESSENTIALS      Full Year      Grades 9-12**

This course is offered for ELL students reading 2 or more grades below grade level based on formal reading assessments. The course will focus on phonics, phonemic awareness, fluency, reading comprehension and vocabulary development with special consideration given to the needs of non-native speakers. Students will be concurrently enrolled in ELL 2. (May be repeated for credit based on ELL teacher recommendation.)

PREREQUISITE: Teacher recommendation, W-APT placement, RAPS 360

**ELL ACADEMIC LAB**  
**(Non-Credit)**

**Semester**

**Grades 9-12**

This course is designed for ELL students needing additional support in content area classes. ELL students who are experiencing academic difficulties are expected to come to lab with assignments where they will receive individualized or small group instruction from an ELL staff member. (no credit)

PREREQUISITE: None



## MODERN LANGUAGE DEPARTMENT

<b>COURSE NAME</b>	<b>GRADE LEVEL</b>	<b>SEMESTER OR FULL YEAR</b>	<b>PREREQUISITE</b>
French 1	9-12	Full Year	None
French 2	9-12	Full Year	French 1
College Credit French 3+	10-12	Full Year	French 2 with "B" or Teacher Approval
College Credit French 4+	11-12	Full Year	French 3 with "B" or Teacher Approval
College Credit French 5+	12	Full Year	French 4 with "B" or Teacher Approval
German 1	9-12	Full Year	None
German 2	9-12	Full Year	German 1
College Credit German 3+	10-12	Full Year	German 2 with "B" or Teacher Approval
College Credit German 4+	11-12	Full Year	German 3 with "B" or Teacher Approval
College Credit German 5+	12	Full Year	German 4 with "B" or Teacher Approval
Spanish 1	9-12	Full Year	None
Spanish 2	9-12	Full Year	Spanish 1
College Credit Spanish 3+	10-12	Full Year	Spanish 2 with "B" or Teacher Approval
College Credit Spanish 4+	11-12	Full Year	Spanish 3 with "B" or Teacher Approval
AP/College Credit Spanish 5+	11-12	Full Year	Spanish 4 with "B" or Teacher Approval
Spanish 6+	12	Full Year	Spanish 5 with "B" or Teacher Approval
Honors Spanish 6+	11-12	Full Year	Spanish 5 with "B" or Teacher Approval
Spanish 7+	12	Full Year	Spanish 6 with "B" or Teacher Approval
Honors Spanish 7+	12	Full Year	Spanish 6 or Honors Spanish 6 with Teacher Approval

+Denotes Weighted Courses

# MODERN LANGUAGE DEPARTMENT

## FRENCH 1

Full Year

Grades 9-12

French 1 is the introduction of basic speech patterns and structures of French with an emphasis on listening and speaking, followed by written practice. Students learn to talk about themselves, their family, and their interests, and they will also learn to formulate simple answers and questions on everyday matters. A wide variety of audio and visual materials are frequently used at this level. This course is not for native speakers.

PREREQUISITE: This course is not for native speakers.

## FRENCH 2

Full Year

Grades 9-12

French 2 is a continuation of basic French speaking and writing with more complex structures. Students learn to read short passages on cultural topics and to report on them using past and future tenses. Students use audio materials to improve their listening comprehension and their speaking ability.

PREREQUISITE: Successful completion of French 1. An assessment will be given for placement recommendation.

## COLLEGE CREDIT FRENCH 3

Full Year

Grades 10-12

French III continues the basic listening, speaking, reading and writing skills begun in levels one and two, and presents the students with opportunities to increase their expertise in those areas. Students will use authentic cultural materials as resources for their work. Students may elect a college credit option through the University of Missouri-St. Louis, which enables them to earn five (5) hours of advanced college credit upon successful completion of French III. Students must meet the criteria set by UM-St. Louis in order to enroll in this program.

PREREQUISITE: French 1 & 2

## COLLEGE CREDIT FRENCH 4

Full Year

Grades 11-12

French 4 is a continuation of grammar and vocabulary study needed for more advanced reading, writing, listening, and speaking skills. Students will work with a variety of authentic readings, from current events and cultural topics, to brief excerpts from literature. They will analyze readings and answer written and oral questions about them, as well as prepare and give oral presentations.

Students may elect a college credit option through the University of Missouri-St. Louis, which enables them to earn an additional five (5) hours of advanced college credit upon successful completion of French 4. Students must meet the criteria set by UM-St. Louis in order to enroll in this program.

PREREQUISITE: French 3, grade of "B", or approval of instructor

**COLLEGE CREDIT FRENCH 5****Full Year****Grade 12**

French 5 allows students who have successfully completed French 4 to refine and expand their speaking, reading, listening and writing skills. French 5 will focus heavily on the relationship between French history and French literature, while also broadening the students' vocabulary for reading about current events and cultural topics. Authentic materials (such as poetry, song, news articles, and excerpts from French literature) will serve as the source for reading and discussion.

Students may elect a college credit option through the University of Missouri-St. Louis, which enables them to earn three (3) hours of advanced college credit. Students must meet the criteria set by UM-St. Louis in order to enroll in this program.

PREREQUISITE: French 4, grade of "B", or approval of instructor.

**GERMAN 1****Full Year****Grades 9-12**

German 1 is an introduction to the sounds and rhythm of the German language. Through the use of short conversations, students acquire a basic vocabulary and grammar to use in listening, speaking, writing, and reading. Students also gain a better understanding of German-speaking people and countries. This course is not for native speakers.

PREREQUISITE: This course is not for native speakers.

**GERMAN 2****Full Year****Grades 9-12**

In German 2, a more formal study of grammar, increased vocabulary, expository writing and the reading of short articles and stories supplements the basic vocabulary and grammar of German 1. There is further investigation of German culture. Students greatly increase their conversational skills through questions, answers and directed dialogues.

PREREQUISITE: Successful completion of German 1. An assessment will be given for placement recommendation.

**COLLEGE CREDIT GERMAN 3****Full Year****Grades 10-12**

German 3 is a continuation of the grammar study needed for reading, writing, listening, and conversations. Students develop a broader vocabulary, and learn to use more complex sentence structures. A strong background in the first two years is important to ensure success in this course. Students may elect a college credit option through the University of Missouri-St. Louis, which enables them to earn five (5) hours of advanced credit upon completion of German 3. Students must meet the criteria set by UM-St. Louis in order to enroll in this program.

PREREQUISITE: German 2 grade of "B", or approval of instructor

**COLLEGE CREDIT GERMAN 4****Full Year****Grades 11-12**

German 4 is a continuation of grammar and vocabulary study needed for more advanced reading, writing, listening, and conversations. Students master advanced points in sentence structure and utilize advanced vocabulary in order to express abstract ideas, discuss cultural topics, and write short essays. Students will also begin to read and analyze German poetry and short stories in more detail. Students may elect a college credit option through the University of Missouri-St. Louis, which enables them to earn five (5) hours of advanced credit upon completion of German IV. Students must meet the criteria set by UM-St. Louis in order to enroll in this program.

PREREQUISITE: German 3, with grade of "B" or approval of instructor.

**COLLEGE CREDIT GERMAN 5****Full Year****Grade 12**

German 5 is a review of grammar, vocabulary, and structure studied in the previous four years, needed for advanced reading, writing, listening, and conversations. During this course, students will also read and analyze a wide variety of German short stories, articles, plays, and novels. Students may elect a college credit option through the University of Missouri-St. Louis, which enables them to earn three (3) hours of advanced credit upon completion of German 5. Students must meet the criteria set by UM-St. Louis in order to enroll in this program.

PREREQUISITE: German 4, with grade of "B", or approval of instructor

**SPANISH 1****Full Year****Grades 9-12**

Spanish 1 is a course designed for the student who desires to complete at least two years of a foreign language, a plan recommended by many colleges and required by others. By learning the language of a country, students consequently develop an awareness and tolerance for other cultures, their histories, art and literature. Learning a second language has its practical rewards in helping the student to facilitate communication in the future in possibly business and travel. Spanish 1 blends oral and written work in developing a basic command of the vocabulary, grammar, and syntax of the language. Spanish 1 contains instruction in listening comprehension, speaking, reading, translating, and writing. Students will acquire an elementary knowledge of the principles of pronunciation, spelling, structure of the language, grammar, and vocabulary. Some time is devoted to geography and culture of the Spanish-speaking countries as related to each unit. Students will learn to formulate questions and answers on a variety of topics pertaining to everyday matters.

PREREQUISITE: This course is not for native speakers.

**SPANISH 2****Full Year****Grades 9-12**

Spanish 2 is a continuation of Spanish 2 containing additional vocabulary and more complex sentence structure and grammar concepts in both present and past tenses. Students will expand their comprehension of spoken Spanish, and be able to produce simple conversations in writing the language. Students will read short Spanish stories from selected literature, while continuing to study Spanish geography and culture.

PREREQUISITE: Successful completion of Spanish 1. An assessment will be given for placement recommendation.

**COLLEGE CREDIT SPANISH 3****Full Year****Grades 10-12**

A student can further develop language abilities on a more advanced level by expanding vocabulary and carrying on more extended conversations and writing. Also emphasized is reading and understanding materials of moderate difficulty without translation. A strong background in the first two years is essential as the course is conducted primarily in Spanish. Students may elect a college credit option through the University of Missouri-St. Louis. This course is the equivalent of UMSL's Spanish 1, and upon successful completion, the student earns five (5) credit hours. Please note that students who select this option are subject to standards of the University.

PREREQUISITE: Spanish 2 with a grade of "B", or approval of instructor.

**COLLEGE CREDIT SPANISH 4\*\*****Full Year****Grades 11-12**

Students review and complete the study of Spanish grammar, expand their active vocabulary and begin the study of specialized and idiomatic vocabulary. They also explore a variety of genres of Spanish Literature and do written and oral literary criticism. They write essays of various lengths and one research paper whose references must include at least one Spanish source. Speaking ability and vocabulary are increased through frequent discussions on a wide range of concrete and abstract topics including politics, prejudice, freedom, friendship, relationships, capital punishments and others. During discussions, students will make the appropriate cross-cultural references and explore the diversity that exists within the Spanish culture itself. Students should be able to synthesize skills learned in previous years and thus be able to do exercises with limited help. Students may elect a college credit option through the University of Missouri-St. Louis. This course is the equivalent of UMSL'S SPANISH II and on successful completion, the student earns five (5) credit hours. Please note that students who select this option are subject to standards of the University.

PREREQUISITE: Spanish 3 with grade of "B", or approval of instructor.

**AP/COLLEGE CREDIT SPANISH 5\*\*****Full Year****Grades 11-12**

This two-semester class approved by the College Board is designed for highly motivated students who seek a connection with the Spanish-speaking world, who understand our global society, and who desire an accelerated and in depth Spanish Language and cultural program. Students will have the opportunity to receive AP credit if they choose to take the AP Spanish Language test.

PREREQUISITE: Grade of "B" or higher in Spanish 4 or teacher's recommendation.

**SPANISH 6****Full Year****Grade 12**

This is an advanced class designed for native or near native abilities as determined by instructor. Involves a general, but compacted review of grammar and a linguistic study of specific Spanish sounds, spelling and syllabication. Students will refine their ability to write in a variety of styles. They will also do comparative studies and research of colloquial vocabulary, and culture of various Spanish-speaking countries. The course also includes a survey of Peninsular and Latin-American Literature.

PREREQUISITE: Spanish 5 or approval of instructor.

**HONORS SPANISH 6****Full Year****Grades 9–12**

Conducted exclusively in Spanish, this course involves a rigorous and compacted overview of Spanish vocabulary and grammar as students will refine and extend their ability to write independently in a wide variety of styles, including research in the target language. The class includes a complete cultural analysis of all the different Spanish-speaking countries along with a thorough study of Peninsular and Latin-American literature, including all literary genres. Students in this class will have the opportunity to take the Advanced Placement Spanish Language Exam at the end of the School year

PREREQUISITE: Spanish 5 and/or approval of instructor.

**SPANISH 7****Full Year****Grade 12**

Conducted only in Spanish, it comprises a full review of Spanish history and Spanish civilization through readings in history, geography, literature, and contemporary print and visual material. Introduction to, and methods of analysis of the main literary genres: poetry, essay, novels, short stories, and theatre through selected readings from Sor Juana Ines de la Cruz, Gabriel Garcia Marques, Pablo Neruda, Miguel Cervantes de Saavedra, Mario Vargas Llosa, Gustavo Vasconez, Eliseo Diego, Carlos Fuentes, Guillermo Samperio, and others will be studied. Cultural studies will include Spanish Art, Music, Film, and Spanish influence on the American culture.

PREREQUISITE: Spanish 6 or Honors Spanish 6 or approval of instructor.

**HONORS SPANISH 7****Full Year****Grades 9–12**

Conducted exclusively in Spanish, this course is an exhaustive and comprehensive overview of Spanish history and civilization through readings in history, geography, literature, and contemporary print and other visual material. Included will be the main literature genres such as fables, poetry, essay, novels, short stories, and theatre, as well as cultural studies such as Spanish art, music, film, and their influence on the American culture. Prominent authors, including Luis Borges, Federico Garcia Lorca, Gabriel Garcia Marquez, Ana Maria Matute, and Miguel de Unamuno, will be studied. Students in this class will have the opportunity to take the Advanced Placement Spanish Language and/or Literature Exam at the end of the school year.

PREREQUISITE: Spanish 6 or Honors Spanish 6 and/or approval of instructor.

**\*\*SPANISH IS PRIMARY LANGUAGE OF INSTRUCTION. STUDENTS WHO HAVE QUESTIONS ABOUT THESE COURSES SHOULD CONTACT THE DEPARTMENT BEFORE REGISTRATION.**

## SOCIAL STUDIES DEPARTMENT

<b>COURSE NAME</b>	<b>GRADE LEVEL</b>	<b>SEMESTER OR FULL YEAR</b>	<b>PREREQUISITE</b>
American Ethnic Studies	9-12	Semester	None
Anthropology	9-12	Semester	None
Art History	10-12	Semester	Themes in World History
AP European History+	10-12	Full Year	3.2 GPA or 2.8 with Teacher Approval AND Themes or Honors Themes in World History
AP Psychology+	11-12	Full Year	3.2 GPA or 2.8 with Teacher Approval
AP U.S. Government+	12	Full Year	3.2 GPA or 2.8 with Teacher Approval
AP United States History+	11	Full Year	3.2 GPA or 2.8 GPA with Teacher Approval
Contemporary Issues	9-12	Semester	None
Economics	9-12	Semester	None
Geography	9-12	Semester	None
Government	12	Semester	None
Honors Themes in American History+	9	Semester	3.2 GPA or Teacher Recommendation
Honors Themes in World History+	9	Semester	3.2 GPA or Teacher Recommendation
Modern World History	10	Full Year	None
Mythology	10-12	Semester	Themes in World History
Psychology	11-12	Semester	None
Psychology 2	11-12	Semester	Psychology with "C" or higher
Sociology	9-12	Semester	None
Themes in World History	9	Semester	None
Themes in American History	9	Semester	None-REQUIRED
Modern U. S. History	11	Full Year	None
Women, Gender, & Diversity (College Credit) +	11-12	Semester	3.0 GPA or 2.8 with Teacher Approval
World War II	11-12	Semester	None
Youth & Law	9-12	Semester	None
<b>Topics In Social Studies</b>			
American Foreign Policy in the Middle East since 1776	10-12	Semester	None
Civil War	9-12	Semester	None
Comparative studies in Genocide	11-12	Semester	"Junior" standing due to the maturity needed to address the aspects of these events.
History of Ideas/Thought	9-12	Semester	None
Post World War II: American Culture	11-12	Semester	Modern World History, or currently enrolled

+Denotes Weighted Courses



# SOCIAL STUDIES DEPARTMENT

## REQUIRED COURSES

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<b>9th</b>	Themes in American History <b>OR</b> Honors Themes in American History
<b>10th</b>	Modern World History <b>OR</b> AP European History
<b>11th</b>	Modern U.S. History <b>OR</b> AP U.S. History
<b>12th</b>	Government <b>OR</b> AP U.S. Government - must pass Missouri and United States Constitution tests

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### AMERICAN ETHNIC STUDIES

**Semester**

**Grades 9-12**

The purpose of the course is to present an overview of issues which analyzes the experiences of particular American ethnic groups. The course will provide students the opportunity to take an in depth look at some of the issues facing American ethnic groups by briefly examining their history, values, and beliefs. Those groups to be researched include Asian Americans, Jewish Americans, African-Americans, Spanish Americans, and Native Americans. The content will be presented through a series of class discussions, guest speakers, current literature, lectures and films.

PREREQUISITE: None

### ANTHROPOLOGY

**Semester**

**Grade 9-12**

This course studies man's physical and cultural development. Topics studied include prehistoric man, archeology, evolution, primitive tribes, culture traits, culture patterns, culture change, and what it all means in today's world. Films, readings, field trips and guest speakers are used to examine different cultures. Students take part in both group and individual projects.

PREREQUISITE: None

### ART HISTORY

**Semester**

**Grades 10-12**

This course offers the serious student the opportunity to explore in-depth the history of art from ancient times to the present through readings, research, slides, videos, and museum visits. Students will view significant art works from around the world. Writing skills will be important in the description, analysis, and comparison of these works. Students are encouraged to keep a notebook using "I Learn" technology to record class discussion on significant historical events, art periods/styles, specific art works, and issues/themes that connect these art works.

PREREQUISITE: Themes in World History

**AP EUROPEAN HISTORY****Full Year****Grades 10-12**

An understanding of the roots of the social, political, and cultural history of European traditions is important to the student living in the United States. Students will be engaged in critical analysis and reflective writing that will prepare students for the Advanced Placement Exam. This course is designed for highly motivated students to study European History from 1450 to modern times. Through the use of primary documents and supplemental readings, the students will develop the knowledge and skills needed for the Advanced Placement Exam.

PREREQUISITE: Themes or Honors Themes in World History and 11<sup>th</sup> & 12th grade students 3.2 GPA with Teacher Approval. 10th grade students must meet eligibility requirements for Honors English.

**AP PSYCHOLOGY****Full Year****Grades 11-12**

AP Psychology will introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles and phenomena associated with each of the major sub-fields within psychology. Students also learn about the methods psychologists use in their science and practice. Because this course is the equivalent of a college course, textbooks and instruction will follow the recommendations of the College Board. Students are expected to take the AP Psychology exam.

PREREQUISITE: 3.2 GPA, OR 2.8 GPA with Teacher Recommendation

**AP GOVERNMENT****Full Year****Grade 12**

AP Government will give students an analytical perspective on government and politics in the United States. This course includes the study of the constitutional underpinnings of United States government, political beliefs and behaviors, political parties, interest groups, and mass media. Because this course is the equivalent of a college course, textbooks and instruction will follow the recommendations of the College Board. Students are expected to take the AP Government exam. (This course will meet the constitution requirements of R.S. Mo. 163.200, R.S. Mo. 163.220, R.S. Mo. 163.230, and R.S. Mo. 163.240.) **Students who withdraw from AP Government at the end of the semester will be required to take regular Government class second semester to fulfill the ½ credit graduation requirement. The semester of AP Government completed will count as a ½ credit social studies elective.**

PREREQUISITE: 3.2 GPA, OR 2.8 GPA with Teacher Recommendation

**AP UNITED STATES HISTORY****Full Year****Grades 11-12**

Summary of major political, economic, and diplomatic trends in the history of the United States to 1865. Because this course is the equivalent of a college course, textbooks and instruction will follow the recommendations of the College Board. Students are expected to take the AP United States History I exam.

PREREQUISITE: 3.2 cumulative GPA, or 2.8 cumulative GPA with Teacher Recommendation

**CONTEMPORARY ISSUES****Semester****Grades 9-12**

This course has several main themes. The student is urged to consider: change in the modern world, perceptions of reality in modern society, modern social institutions, and ecology. Topics studied include: women's rights, civil rights, populations, and space relationships. Reading from newspapers and news magazines serve as text material. Controversial issues are discussed.

PREREQUISITE: None

**ECONOMICS****Semester****Grades 9-12**

The purpose of this course is to present a program that will enable the student to better understand national, international, and personal money problems. First the student is exposed to basic economic theory. Secondly, the student is confronted with practical problem situations. These situations compel the student to be a decision-maker. The focus is on discussion and questioning by the student in the classroom.

PREREQUISITE: None

**GEOGRAPHY****Semester****Grades 9-12**

The course will include physical geography and social/political geography. In the section on physical geography, the following will be covered: river development, mountain building, glaciation, and wind and water erosion. The social/political geography study will be of individual countries with problems, resources, and economics considered.

PREREQUISITE: None

**GOVERNMENT****Semester****Grade 12**

This semester course will fulfill the students' requirement for studying the United States and Missouri Constitutions. The students will increase their knowledge and understanding of how the government works from the basis of these two documents. Students will explore the many ways that government agencies affect daily citizenship. Current political issues in all levels of government will be studied. Participation in government elections and activities will be promoted by this course. Finally, studies of consumer economics and community involvement will be included. (This course implements the requirements for courses in the constitutions of the United States and Missouri. RS MO. 163.200, 163.220, 163.230, and 163.240)

PREREQUISITE: None

**HONORS THEMES IN  
U.S. HISTORY****Semester****Grade 9**

Themes in U. S. History will focus on the period 1865 to 1930 in U. S. History. Areas of focus will include Reconstruction, Western Migration/Imperialism, WWI and the Great Depression. This course will require outside reading assignments and extensive writing projects. In 2013-2014, the U.S. History EOC will be part of our evaluation and measurement. Material that is on the EOC is covered by the Themes in U.S. History curriculum and needs to be part of the student's preparation for the EOC test.

PREREQUISITE: None

**HONORS THEMES IN  
WORLD HISTORY**

**Semester**

**Grade 9**

This course will focus on topics that lead to or contributed in the development of democratic principles that have developed throughout the world from early history to the 19<sup>th</sup> century. This course will require outside reading assignments and extensive writing projects

PREREQUISITE: 3.2 GPA and Teacher Recommendation

**MODERN  
WORLD HISTORY**

**Full Year**

**Grades 10**

This survey course deals with the development of the modern world from 1815 to the present. Emphasis will be placed on the emergence of the global community with particular concern for the diverse cultures, economic, and political systems, and religions as well as the contributions of individual personalities. Class activities include films, supplemental readings, research techniques, writing and special projects.

PREREQUISITE: None

**MYTHOLOGY**

**Semester**

**Grades 10-12**

Mythology includes a survey of the major myths of Greek, roman, and Norse antiquity, including the appropriate Gods, heroes and heroines, and an analysis of the values and beliefs those stories convey. Students will learn about the myths in various ways, including reading primary source, epic poems, classical plays, art, archaeology, and the architecture of ancient Greece and Rome. Students will learn appropriate names and terms important to the study of Greek, Roman, and Norse mythology. Students will examine how mythical illusions, archetypes, and themes enrich literature, art and film.

PREREQUISITE: Themes in World History

**PSYCHOLOGY**

**Semester**

**Grades 11-12**

The major emphasis of this course is individual behavior patterns. The student will examine human needs, attitudes, and adjustments. Topics studied will include: psychology as a science, the learning process, personality theory, mental health, personal development, and social psychology.

PREREQUISITE: None

**PSYCHOLOGY 2**

**Semester**

**Grades 11-12**

This course will focus on research design activities, critical thinking analysis and in-depth studies of psychological methods and design. Topics studied will include social psychology, emotion and motivation concepts as well as thinking and language development. Students will complete independent study, research papers and examine critical areas of the selected topics.

PREREQUISITE: Completion of Psychology with a "C" or higher

**SOCIOLOGY****Semester****Grades 9-12**

This course studies culture and how groups function in our culture. Students examine such topics as: the process of socialization, development of culture, social institutions, collective behavior, social problems, social change, and conformity. Students do independent study in areas of their own interest and then share the results of such study in small group discussion and/or class discussion.

PREREQUISITE: None

**THEMES IN WORLD HISTORY****Semester****Grade 9**

This course will enable the student to better understand the foundations of American democracy. In a world that is increasingly interconnected, students need to appreciate and value the contributions of various world cultures and civilizations on the development of the democratic form of government in order to productively and responsibly participate in world affairs. This will be done in three major ways. The student will learn to appreciate the rise of popular participation in political institutions. The student will learn to appreciate cultural differences and the sociology of various peoples, as they made their unique contributions to the democratic process.

PREREQUISITE: None

**THEMES IN AMERICAN HISTORY****Semester****Grade 9**

Themes in American History will focus on the period 1865 to 1930 in U.S. History. Areas of focus will include Reconstruction, Western Migration/Imperialism, WWI and the Great Depression. In 2014-2015, the U.S. History EOC will be part of our evaluation and measurement. Material that is on the EOC is covered by the Themes in U.S. History curriculum and needs to be part of the student's preparation for the EOC test.

PREREQUISITE: None

**MODERN U.S. HISTORY****Full Year****Grades 11**

Modern U.S. History will focus on America in the 20<sup>th</sup> and 21<sup>st</sup> centuries. Topics will include WW2, Cold War, Popular American Culture, America and the Middle East.

PREREQUISITE: None

**WOMEN, GENDER, & DIVERSITY****Semester****Grades 11-12**

This class will study women's roles in a diverse culture and society. Students will explore historical and sociological aspects of the roles of women in American cultures of the past, as well as the present. This is a college credit course through UMSL.

PREREQUISITE: 3.0 GPA, to be eligible for college credit from UMSL

**WORLD WAR II****Semester****Grades 11- 12**

This semester course surveys the largest war in the history of mankind. Students will study the causes, events, personalities, and outcomes of this major conflict of the 20<sup>th</sup> century. The students will create research projects, using various media sources. Supplemental readings will be a vital part of this course.

PREREQUISITE: None

**YOUTH AND THE LAW****Semester****Grades 9-12**

This course examines the individual and his/her relationships to the legal system, the effect of such relationships, and how the legal system may be changed. Also studied are those agencies, which have an effect on the individual. These topics include: the courts, police, law-making bodies, and governmental agencies.

PREREQUISITE: None

**TOPICS IN SOCIAL STUDIES****AFRICAN STUDIES****Semester****Grades 10-12**

This course will examine the North, South, East, West, and Central regions of the continent of Africa. Students will examine the ancient past all the way through modern-day to come to terms with issues of the continent of Africa. We will discuss concepts such as ancient Egypt, the colonization of the continent, the genocide in Rwanda, the issues of the Congo, apartheid in South Africa, the diamond industry and its effects on the people, as well as other topics of ancient and contemporary times connected to the continent.

PREREQUISITE: Students should be at least a sophomore

**AMERICAN FOREIGN POLICY IN  
THE MIDDLE EAST SINCE 1776****Semester****Grades 10-12**

Learn about the history of relations between America and the Middle East. Explore how and why Americans' fantasies and religious faith along with American military and economic power shaped the United States' foreign policy in the Middle East. From the creation of the American navy to fight pirates in the Mediterranean to the establishment of the state of Israel, the Persian Gulf war (Desert Storm) and the Iraq war, students will discover using a variety of material and sources, the deep and often fascinating American history in the Middle East.

PREREQUISITE: None

**CIVIL WAR****Semester****Grades 9–12**

The Civil War offers a student the opportunity to focus on the bloodiest war in United States history. Through the use of hands-on activities, audio-visual resources, lecture and discussion the course will attempt to “bring history to life”. Each student will be expected to read, and share in a seminar format, several Civil War articles and a self-selected book.

PREREQUISITE: None

**COMPARATIVE STUDIES IN GENOCIDE****Semester****Grades 11-12**

This course will examine the development, rational, underlying causes, evolution, varieties, and strategies of confronting and coming to terms with genocide. We will discuss the phenomenon of genocide by examining topics such as the mass murder of Armenians in the Ottoman Empire, Stalin’s terror, the Jewish Holocaust, Cambodia and the Khmer Rouge, Bosnia and Kosovo, Rwanda, and Darfur.

PREREQUISITE: “Junior” standing due to the maturity needed to address the aspects of these events.

**HISTORY OF IDEAS AND THOUGHT****First Semester****Grades 9–12**

Take a semester to examine the connections of thought throughout history. We will be examining topics like philosophy, logic, ethics, and the process of discovery and invention. This course is designed for people who “like to think about thinking”.

PREREQUISITE: None

**POST WORLD WAR II  
AMERICAN CULTURE****Semester****Grades 11-12**

This course provides an in-depth study of American Culture from 1945 to the present. Topics of study will include the impact of the Civil Rights movement, the Vietnam War, Watergate, the Reagan years. The course will focus on the impact of historical and social events that influence the music, media and literature of the time.

PREREQUISITE: Modern World History, or currently enrolled

## MATHEMATICS DEPARTMENT

<b>COURSE NAME</b>	<b>GRADE LEVEL</b>	<b>SEMESTER OR FULL YEAR</b>	<b>PREREQUISITE</b>
Algebra 1.1	9-10	Semester	None
Algebra 1.2	9-10	Semester	Algebra 1.1
Algebra Success 1	9	Semester	Teacher Recommendation
Algebra Success 2	9	Semester	Teacher Recommendation
Algebra 1.1x and 1.1y	9-10	Full Year	Teacher recommendation
Algebra 1.2x and 1.2y	9-10	Full Year	Teacher recommendation and 1.1y or 1.1
Algebra 2.1 and 2.2	10-12	Full Year	Geometry 2
College Prep Algebra	11-12	Full Year	Algebra 2.2 or Honors Algebra 2
Honors Algebra 2+	10-11	Full Year	Teacher recommend. & Geometry 2 with a "B" or higher or Honors Geometry with a "C" or higher.
AP Statistics+	11-12	Full Year	Algebra 2.2 or Honors Algebra 2
AP/College Credit Calculus+	12	Full Year	Teacher recommed. & Pre-Calculus with a "B" or higher, or Honors Pre-Calculus with a "C" or higher.
Consumer Math 1	11-12	Semester	None
Consumer Math 2	11-12	Semester	None
Discrete Mathematics	11-12	Semester	Algebra 2.1
Geometry I	9-11	Semester	Algebra 1.2
Geometry 2	9-11	Semester	Geometry 1
Honors Geometry+	9-10	Full Year	Teacher Recommendation & Algebra 1.2 with "B" or higher
Pre-Calculus/Trigonometry	11-12	Full Year	Algebra 2 with a "C" or higher or Honors Algebra 2
Probability & Statistics 1	11-12	Semester	Algebra 2.2 or concurrent enrollment
Probability & Statistics 2	11-12	Semester	Probability & Statistics 1

+Denotes Weighted Courses



# MATHEMATICS DEPARTMENT

## COURSE RECOMMENDATIONS

Designed for the student with above average ability. (College Preparation)	Designed for the student with average and above average ability. (College Preparation)	Designed for the student who has difficulties, but may have an interest, and/or need for continued study
Honors Algebra 2 Honors Geometry Probability & Statistics 1 Probability & Statistics 2 Discrete Math Honors Pre-Calculus/Trigonometry AP/College Credit Calculus AP Statistics	AP Statistics Algebra 1.1 & 1.2 Geometry 1 & 2 Algebra 2.1 & 2.2 Discrete Math Pre-Calculus/Trigonometry Probability & Stats 1 & 2 AP/College Credit Calculus	Consumer Math 1 Consumer Math 2 Algebra 1.1 & 1.2 Algebra 1.1x and 1.1y Algebra 1.2x and 1.2y Algebra 2.1 & 2.2 Geometry 1 & 2 Discrete Math Probability & Stats 1

### **ALGEBRA 1.1 (Semester) & ALGEBRA 1.2 (Semester)                  **Grades 9-10****

Algebra 1 is the critical element in secondary mathematics education. Topics introduced in Algebra 1 provide the foundation students require for future success in high school mathematics, critical thinking, and problem solving. Students will begin by investigating variable relationships and students will learn to use algebraic expressions to represent quantities. Students will develop fluency writing, interpreting, graphing, and translating between various forms of linear equations and inequalities, using them to solve problems. Students will gain a deep understanding of linear and exponential relationships by contrasting them with each other and explore both types of functions in depth. They will extend their knowledge of functions to quadratic, absolute value, step, and piecewise functions. Students learn regression techniques to describe mathematical relationships between quantities and use graphical representations and knowledge of the context to make judgments about the appropriateness of models. Heavy emphasis will be placed on interpretation and explanation of solutions, as well as using technological tools for regression techniques.

PREREQUISITE: For Algebra 1.1: None. For Algebra 1.2: Algebra 1.1

### **ALGEBRA SUCCESS 1                                  **Semester**                                  **Grade 9****

Algebra success 1 will support students who are enrolled in the first semester of Algebra 1. Students will work on skills and concepts that are prerequisites for Algebra 1, as well as work on Algebra 1 skills and concepts. This course will coincide with the first semester of Algebra 1.

PREREQUISITE: Teacher Recommendation

### **ALGEBRA SUCCESS 2                                  **Semester**                                  **Grade 9****

Algebra Success 2 will support students who are enrolled in the second semester of Algebra 1. Students will work on skills and concepts that are prerequisites for Algebra 1, as well as work on Algebra 1 skills and concepts. This course will coincide with the second semester of Algebra 1.

PREREQUISITE: Teacher Recommendation

**ALGEBRA 2.1 & 2.2****Grades 10-12**

Students extend their knowledge of functions from Algebra 1 to include polynomial, rational, radical functions, and logarithmic functions. Students work closely with the expressions that define the functions, and continue to expand and hone their abilities to model situations and to solve equations. Building on their previous work with trigonometric ratios and circles in Geometry, students now use the coordinate plane to extend trigonometry to model periodic situations. After learning how all the function families are related, students will use those functions to model situations and compare models by analyzing appropriateness of fit. Students will experience a process of choosing and using mathematics and statistics to analyze empirical situations, to understand them better, and to make decisions. Technology (computer and graphing calculators) will be used to introduce and expand upon the areas of study listed above.

PREREQUISITE: Geometry 2

**ALGEBRA 1.1x AND 1.1y****Full Year****Grade 9**

Algebra 1 is the critical element in secondary mathematics education. Topics introduced in Algebra 1 provide the foundation students require for future success in high school mathematics, critical thinking, and problem solving. *This course is Algebra 1.1 spread over two semesters. Students will spend more time with each learning target and have opportunities for enrichment and investigation.* Students will investigate variable relationships and use algebraic expressions to represent quantities. Students will develop fluency writing, interpreting, graphing, and translating between various forms of linear equations and inequalities, using them to solve problems. Students learn regression techniques to describe mathematical relationships between quantities and use graphical representations and knowledge of the context to make judgments about the appropriateness of models. Heavy emphasis will be placed on interpretation and explanation of solutions, as well as using technological tools for regression techniques.

(Algebra 1.1x is a prerequisite for Algebra 1.1y)

PREREQUISITE: Teacher Recommendation

**ALGEBRA 1.2x AND 1.2y****Full Year****Grade 10**

Algebra 1 is the critical element in secondary mathematics education. Topics introduced in Algebra 1 provide the foundation students require for future success in high school mathematics, critical thinking, and problem solving. *This course is Algebra 1.2 spread over two semesters. Students will spend more time with each learning target and have opportunities for enrichment and investigation.* Students will gain a deep understanding of linear and exponential relationships by contrasting them with each other and explore both types of functions in depth. They will extend their knowledge of functions to quadratic, absolute value, step, and piecewise functions. Students learn regression techniques to describe mathematical relationships between quantities and use graphical representations and knowledge of the context to make judgments about the appropriateness of models. Heavy emphasis will be placed on interpretation and explanation of solutions, as well as using technological tools for regression techniques.

(Algebra 1.2x is a prerequisite for Algebra 1.2y)

PREREQUISITE: Teacher Recommendation and Algebra 1.1 or Algebra 1.1y

**COLLEGE PREP ALGEBRA****Full Year****Grades 11-12**

This course is designed to provide the transition from high school algebra courses to College Algebra. Its design is that of a college-level Intermediate Algebra course, complete with a college-level textbook. This course will help students avoid taking remedial/developmental math courses in college, which are costly and time-consuming and may not count toward degree requirements. This course is most helpful for students whose math ACT sub-score is less than 23 and/or who plan to attend a community college. It can also provide a good foundation for students who want to take Pre-Calculus the following year. Juniors or seniors who have a 3.0 GPA and who complete this course with a 70% or higher may have the option to enroll at St. Louis Community College under the dual credit program to receive transcribed credit for MTH: 140 Intermediate Algebra at any STLCC campus.

PREREQUISITE: Algebra 2.2 or Honors Algebra 2

**HONORS ALGEBRA 2****Full Year****Grade 10-11**

Students extend their knowledge of functions from Algebra 1 to include polynomial, rational, radical functions, and logarithmic functions. Students work closely with the expressions that define the functions, and continue to expand and hone their abilities to model situations and to solve equations. Building on their previous work with trigonometric ratios and circles in Geometry, students now use the coordinate plane to extend trigonometry to model periodic situations. After learning how all the function families are related, students will use those functions to model situations and compare models by analyzing appropriateness of fit. Students will experience a process of choosing and using mathematics and statistics to analyze empirical situations, to understand them better, and to make decisions. Technology (computer and graphing calculators) will be used to introduce and expand upon the areas of study listed above.

*Honors Algebra 2 will expand content from regular Algebra 2 by extending polynomial identities to complex numbers, generalizing, writing proofs for properties and formulas, and calculating and analyzing probabilities.*

PREREQUISITES: Teacher recommendation and Geometry 2 with a "B" or higher, or Honors Geometry with a "C" or higher.

**AP STATISTICS****Full Year****Grade 11-12**

A statistics course is typically required for majors such as engineering, psychology, sociology, health science, and business. The AP Statistics is equivalent to a non-calculus based introductory course in statistics at the university or college level. Topics will include an introduction to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students who successfully complete the AP Statistics test in the spring may receive Advanced Placement Credit.

PREREQUISITES: Algebra 2.2 or Honors Algebra 2

**AP COLLEGE CREDIT CALCULUS****Full Year****Grade 12**

Calculus is a prerequisite for students entering fields of study in mathematics, sciences, engineering, and economics. This course will stress the importance of using the limiting concept in advancing from pre-calculus mathematics to calculus. Through the 1818 program, this course will provide some students an opportunity to achieve one semester (four credit hours) of college credit from St. Louis University. Students also may take the AP Calculus test in the spring to receive Advanced Placement Credit.

PREREQUISITE: Teacher Recommendation and Pre-Calculus with a "B" or higher, or Honors PreCalculus with a "C" or higher.

**CONSUMER MATH 1****Semester****Grades 11-12**

Students will apply the fundamental skills of mathematics in consumer applications including the ability to earn money, estimate/calculate costs involved in shopping, manage household, buy and maintain a vehicle, and utilize ratio and proportions for nutrition and food preparation. Students will be asked to apply these fundamental skills to their own lives and career pathways.

PREREQUISITE: None

**CONSUMER MATH 2****Semester****Grades 11-12**

Students will apply the fundamental skills of mathematics in consumer applications including home improvement expenses, travel, budgeting, banking and investing, and tax preparation. Students will be asked to apply these skills to their own lives and career pathways.

PREREQUISITE: None

**DISCRETE MATHEMATICS****Semester****Grades 11-12**

The discrete math course includes the study of: fair division, election theory, matrices for real situations, graph theory in solving real life problems and the use of various algorithms. Discrete mathematics and its application is one of the most rapidly expanding areas in the mathematical sciences. The modeling and understanding of finite systems is essential to furthering our understanding of the economy, computer science, the natural and physical science. Knowledge of these systems will assist the student in nontraditional problem solving techniques.

PREREQUISITES: Algebra 2.1

**GEOMETRY 1 (Semester) & GEOMETRY 2 (Semester)****Grades 9-11**

Geometry 1 is the first semester of our Geometry course, where the topics are devoted primarily to synthetic (without coordinates) plane Euclidean geometry. The concepts of congruence, similarity, and symmetry are explored from the perspective of geometric transformations. Students will learn to construct mathematical arguments by writing proofs for geometric theorems. Right triangle trigonometry is taught as an extension of similar triangles. Geometry 2 is the second semester of our Geometry course. The focus of second semester is on coordinate geometry, circles, and extending our knowledge of two-dimensional figures to three-dimensional figures. Students will use equations to describe geometric shapes. The semester will wrap up with an exploration of probability. Students will be required to use different technological tools and manipulatives to discover and explain much of the course content.

PREREQUISITES: Algebra 1.2 or Algebra 1.2y

**HONORS GEOMETRY****Full Year****Grade 9-10**

The concepts of congruence, similarity, and symmetry are explored from the perspective of geometric transformations. Students will learn to construct mathematical arguments by writing proofs for geometric theorems. Right triangle trigonometry is taught as an extension of similar triangles. *It is with proofs and trigonometry that Honors Geometry is more rigorous than regular Geometry. Honors students will apply trigonometry to general triangles by deriving the formulas for area and proving the Laws of Sines and Cosines.* Students will also study coordinate geometry, circles, and extending knowledge of two-dimensional figures to three-dimensional figures. Students will use equations to describe geometric shapes. The semester will wrap up with an exploration of probability and using probability to evaluate outcomes of decisions. Students will be required to use different technological tools and manipulatives to discover and explain much of the course content.

PREREQUISITES: Teacher Recommendation and Algebra 1.2 with a “B” or higher

**PRE-CALCULUS/TRIGONOMETRY****Full Year****Grades 11-12**

Students will study relations, functions, graphs, trigonometry, polar coordinates, conic sections and complex numbers. The students will analyze and graph mathematical functions. There is an emphasis on verification of trigonometric identities using all of the basic trigonometric identities. Students will use graphing calculators in activities that are appropriate to the topics being studied. The students will analyze and graph mathematical functions. There is an emphasis on verification of trigonometric identities using all the basic trigonometric identities.

PREREQUISITES: Algebra 2 with a “C” or higher, or Honors Algebra 2

**HONORS PRE-CALCULUS/TRIGONOMETRY**      **Full Year**      **Grade 11**

Students will study relations, functions, graphs, trigonometry, complex numbers, limits, derivatives, integrals, sequences, series, exponential, and logarithmic functions. The student will analyze and graph mathematical function. There is an emphasis on verification of trigonometric identities using the basic trigonometric identities. Students will use graphing calculators in activities that are appropriate to the topics being studied.

PREREQUISITE: Teacher Recommendation and Algebra 2.2 with a “B” or higher, or Honors Algebra 2 with a “C” or higher.

**PROBABILITY AND STATISTICS 1 and**      **Semester**      **Grades 11-12**  
**PROBABILITY AND STATISTICS 2**      **Semester**      **Grades 11-12**

The primary goal of these courses is to enhance statistical literacy. Topics include organizing and displaying data using various forms of frequency distributions, analyzing data using measures of central tendency and measures of dispersion, and finding standard z-scores, and percentile equivalents using the characteristics of the normal curve. Probability concepts will also be studied and student will solve problems involving permutations, combinations and probability distributions.

PREREQUISITES: For Probability & Statistics 1: Algebra 2.2 or concurrent enrollment.

For Probability & Statistics 2: Probability & Statistics 1

## SCIENCE DEPARTMENT

COURSE NAME	GRADE LEVEL	SEMESTER OR FULL YEAR	PREREQUISITE
Biology 1	9-12	Full Year	None
Honors Biology+	9- 12	Full Year	GPA 3.2 or Teacher Recommendation
Biology 2	10-12	Full Year	Biology 1 or Honors Biology 1 <b>AND</b> Chemistry I or Honors Chemistry 1 (complete or concurrent) or Physical Science
AP Biology+	11-12	Full Year	GPA 3.2 <b>AND</b> Biology 1 or Honors Biology 1 <b>AND</b> Chemistry 1 or Honors Chemistry 1 passed both semesters
Chemistry	9-12	Full Year	Algebra 1 with grade of "C" or higher
Honors Chemistry+	9-12	Full Year	GPA 3.2 <b>AND</b> Algebra 1 with "C" or Teacher Recommendation
Chemistry 2	10-12	Full Year	Chemistry 1 (or Honors) and Algebra 1
AP Chemistry+	10-12	Full Year	GPA 3.2 <b>AND</b> Chemistry 1 or Honors Chemistry (B both semesters), <b>AND</b> Algebra 2
Concepts of Physical Systems	9	Full Year	MAP score of "1" on 8 <sup>th</sup> grade Science; <b>ONLY 9<sup>th</sup> grade</b>
Concepts of Biological Systems	10	Full Year	MAP score of "1" on 8 <sup>th</sup> grade Science; <b>ONLY 10<sup>th</sup> grade</b>
AP/CC Environmental Science+	11-12	Full Year	Biology <b>AND</b> either Chemistry or Physical Science
College Credit Forensic Science +	11-12	Full Year	Biology 1 <b>AND</b> Chemistry 1 <i>or</i> Physical Science <b>AND</b> Human Anatomy or concurrent Human Anatomy <b>AND</b> 2.5 cumm. GPA
Geology/Astronomy	11-12	Full Year	Passed 2 years of Science
Human Anatomy	11-12	Full Year	Passed 2 units of Science (Biology 1 or higher)
Physical Science	10-12	Full Year	Algebra 1 or concurrent enrollment Algebra 1
Physics	10-12	Full Year	Passed with a C or higher, two high school math classes. (Algebra 1 and higher)
AP Physics+	11-12	Full Year	GPA 3.2 <b>AND</b> Physics I with "C" or higher both semesters
Principles of Biomed Sciences	9-10	Full Year	Must be concurrently enrolled in Biology 1 and Algebra or above
Human Body Systems	10-11	Full Year	Passed PBS with C or higher and concurrently enrolled in a science class.

+Denotes Weighted Classes

# **SCIENCE DEPARTMENT**

## **REQUIRED COURSES**

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**Grade- 9th** Biology 1 or Honors Biology 1 or Concepts

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**Grades- 10th -12th** At least 3 credits

### **BIOLOGY 1**

**Full Year**

**Grades 9-12**

Biology 1 deals with living things. An emphasis is placed on the cellular level. Discussions about social issues such as genetic engineering and the impact of man on his/her environment will be conducted. Regular homework and long term assignments are expected. \*This course includes a state required **End of Course Exam**. Please see page 13 for information regarding End of Course Exams. Students must pass Biology I to take another science class or must take Biology 1 again while concurrently taking another science class. Course to be taken sequentially or concurrently if not mastered during the first attempt at taking the course.

PREREQUISITE: None

### **HONORS BIOLOGY**

**Full Year**

**Grades 9–12**

This two-semester class is a challenging course designed for students who anticipate a science-based career, desire an accelerated, comprehensive program and intend to continue in advanced courses in science. Instruction will include laboratory investigations, and independent research and analysis. The level of difficulty is hard. The amount of homework will be approximately five hours per week. \*This course is included in the state required End of Course Exams. Students must pass Biology to take another science class or must take Biology 1 again while concurrently taking another science class. Course to be taken sequentially or concurrently if not mastered during the first attempt at taking the course.

PREREQUISITE: GPA 3.2 or Teacher Recommendation

### **BIOLOGY 2**

**Full Year**

**Grades 11-12**

Biology 2 is an advanced course designed for students who plan to continue their study in science and may be considering careers in biology or related fields. The course will cover basic biochemistry, cellular processes, genetics, microbiology, and mammalian anatomy and physiology. Students are expected to participate in the dissection of a cat. Independent and group work are expected in Biology 2.

PREREQUISITE: Biology 1 or Honors Biology 1 **AND** Chemistry 1 or Honors Chemistry 1 (complete or concurrent) or Physical Science (complete)



**ADVANCED PLACEMENT (AP)**  
**BIOLOGY**

**Full Year**

**Grades 11-12**

Advanced Placement (AP) Biology is designed to prepare students for the AP Biology Test given in the spring, and for those seeking a better understanding of topics in an advanced Biology class. This course will proceed at a rapid pace, covering the topics discussed under the Biology 2 in greater detail and additional topics which will be on the AP test (Evolution, Plant and Animal Physiology and Ecology). This lab based class is focused on inquiry and analysis of the required AP Biology Labs. College credit depends upon the AP test score and the college of choice.

PREREQUISITE: GPA 3.2 **AND** Biology 1 or Honors Biology **AND** Chemistry 1 or Honors Chemistry

**CHEMISTRY**

**Full Year**

**Grades 10-12**

Chemistry 1 investigates the properties and structure of matter. Topics will include: chemical reactions, parts of the atom, gas laws, and solution chemistry. Ability to solve basic algebraic equations is expected. Students will learn to use chemical lab equipment. Lab reports will be scored using a common scoring guide.

PREREQUISITE: Algebra 1 with "C" or higher

**HONORS CHEMISTRY**

**Full Year**

**Grades 9-12**

This course is designed for the student who anticipates a science based career, desires an accelerated, comprehensive program and intends to take advanced courses in science. Instruction will emphasize laboratory investigations, independent research, analysis. The amount of homework will be approximately five hours per week.

PREREQUISITES: GPA 3.2 **AND** Algebra 1 with "C" or higher.

**CHEMISTRY 2**

**Full Year**

**Grades 11-12**

Chemistry 2 is an advanced laboratory class intended to follow and build upon Chemistry. Topics include: stoichiometry, kinetics, and equilibria. Labs will require a greater depth of processing both on the qualitative and quantitative level. Mathematical problem solving and application are emphasized throughout the course.

PREREQUISITES: Chemistry I (or Honors) **AND** Algebra 1.1 & Algebra 2.1

**ADVANCED PLACEMENT**  
**CHEMISTRY**

**Full Year**

**Grades 11-12**

Advanced Placement Chemistry is a challenging, fast-paced course that will cover topics of matter, states of matter, chemical reactions, kinetics, thermodynamics, and equilibria. An emphasis on laboratory work and analysis is required to prepare for the AP test. College credit depends on the AP test score and the college of choice.

PREREQUISITES: GPA 3.2 **AND** Chemistry 1 or Honors Chemistry 1 (with at least a "B" both semesters in the Chemistry course) **AND** completion of Algebra 2.

**CONCEPTS OF PHYSICAL SYSTEMS****Full Year****Grade 9**

This course is designed for students to master the basic understanding of conceptual physics, matter and energy, and earth science. Emphasis will be placed on reading and science skills through experimental writing. The level of difficulty is moderate and homework will be dependent on the student's level of mastery. This is the first course of the "Concepts" curriculum and students are expected to take both courses in sequence.

PREREQUISITE: MAP score of "1" on 8<sup>th</sup> grade Science; **ONLY 9<sup>th</sup> grade**

**CONCEPTS OF BIOLOGICAL SYSTEMS****Full Year****Grade 10**

This course is designed for students to master a basic understanding of living systems, environmental awareness, and cellular structure. Emphasis will be placed on reading, vocabulary, and science skills through experimental writing. The level of difficulty is moderate and homework will be dependent on the student's level of mastery. This is the second course of the "concepts" curriculum and students are expected to take both courses in sequence.

PREREQUISITE: MAP score of "1" on 8<sup>th</sup> grade Science; **ONLY 10<sup>th</sup> grade**

**ADVANCED PLACEMENT/COLLEGE CREDIT ENVIRONMENTAL SCIENCE****Full Year****Grades 11-12**

AP Environmental Science is a course for students interested in identifying and analyzing environmental problems, their risks and possible solutions. It is an interdisciplinary science class, which incorporates principles from biology, chemistry and earth sciences. The course is designed to meet the content and goal requirements set by the College Board. Students may earn college credit depending on AP test score, or signing up for the college credit option through UMSL. UMSL requires a 3.0 GPA for admission.

PREREQUISITE: Biology **AND** either Chemistry or Physical Science

**COLLEGE CREDIT FORENSIC SCIENCE****Full Year****Grades 11-12**

CC Forensic Science investigates the science behind crime scenes. Both semesters must be taken consecutively to receive college credit. St. Louis University 1818 College credit may be applied for during the spring semester for 11<sup>th</sup> and 12<sup>th</sup> grade students with a cumulative simple 3.0 GPA at the time of application. Students not desiring college credit may enroll in this course. The class integrates all areas of science, including biology, chemistry, physics and earth science. In addition, students will be asked to read, research, hypothesize and use deductive reasoning to propose possible solutions. Topics include the following:

1<sup>st</sup> Semester: DNA, physical evidence, document analysis, biology, crime scene analysis

2<sup>nd</sup> Semester: Review of crime scene procedures, prints, serology, trace evidence, toxicology, and autopsy.

The 2<sup>nd</sup> semester final exam is comprehensive over the entire year.

The final exam 2<sup>nd</sup> semester will be comprehensive and include a mock scene for analysis. Registration for St. Louis University credit will occur during 2<sup>nd</sup> semester.

PREREQUISITE: Biology 1 **AND** Chemistry 1 *or* Physical Science **AND** Human Anatomy or concurrent Human Anatomy enrollment **AND** 2.5 cumulative GPA

**GEOLOGY/ASTRONOMY****Full Year****Grades 11-12**

Geology and Astronomy allow 11<sup>th</sup> and 12<sup>th</sup> grade students a more in-depth knowledge and hands-on laboratory experience of the Earth and the Universe. The interrelationships between the principles, process, and forces of the Earth and the Universe effect people's lives. Geoscience and meteorology crosses disciplines to explore the planet Earth as a container, a finite body where decisions must be made regarding the future welfare of our planet. Astronomy studies the laws and principles of the universe, the relationship of the earth to the universe and earth's present and future explorations in space. Geology and Astronomy is a higher level Earth Science Course. It is a two semester class with an emphasis in Geology and Meteorology first semester and Astronomy second semester. It emphasizes laboratory activities and field experiences utilizing higher order critical thinking skills. Second semester, two field trips and two nighttime viewing at the Pattonville Observatory are required. Students should have successfully completed two years of science.

PREREQUISITE: Passed 2 years of Science

**HUMAN ANATOMY****Full Year****Grades 11-12**

This laboratory course is for serious students interested in learning about the various parts of the human body and their functions. Learning study techniques will be integrated throughout the eleven major body systems. Lab activities will include examination and/or dissection of animal organs similar to human. A strong emphasis will be placed on study skills techniques. Human Anatomy is for academically prepared students that willingly seek rigorous course work as a gateway to success in college.

PREREQUISITE: Passed 2 units of Science (Biology 1 or higher)

**PHYSICAL SCIENCE****Full Year****Grades 10-12**

This laboratory course will integrate the principles of physics, chemistry, earth and space science that occur in common events. Matter, energy and forces interact to create seasons, power and chemical bonds. Writing will be stressed in both research unit assessments and laboratory notebooks.

PREREQUISITE: Algebra 1 or concurrent enrollment Algebra 1

**PHYSICS****Full Year****Grades 11-12**

Physics 1 is an experimental science dealing with the physical concepts of our environment. The first semester will concentrate on mechanics, or the study of the interaction of forces on matter, which consists of vectors, forces, and motion. In the second semester, the branches of physics to be covered are power, work, momentum, mechanical energy, heat, sound, waves, fluids, and the nature of lights. Experiments are performed to introduce, extend, and verify physics concepts.

PREREQUISITE: Passed with a C or higher, two high school math classes. (Algebra 1 and higher)

**ADVANCED  
PLACEMENT PHYSICS**

**Full Year**

**Grade 12**

This is a continuation of Physics 1 but in greater depth. Subject matter includes rotational mechanics, physical optics, relativity, DC & AC electricity, and atomic physics. Approximately two days per week are spent in the laboratory performing experiments that will prepare students for the AP test. College credit depends upon the test score and the college of choice.

PREREQUISITE: GPA 3.2 **AND** Physics 1 with “C” or higher both semesters.

**PRINCIPLES OF THE  
BIOMEDICAL SCIENCES**

**Full Year**

**Grades 9-10**

This course provides an introduction to the biomedical sciences through exciting hands on projects and problems. Students investigate the human body systems and various health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. They determine the factors that led to the death of a fictional person, and investigate lifestyle choices and medical treatments that might have prolonged the person’s life. The activities and projects introduce students to human physiology, medicine, research processes and bioinformatics. Key biological concepts including homeostasis, metabolism, inheritance of traits, and defense against disease are embedded in the curriculum. Engineering principles including the design process, feedback loops, and the relationship of structure to function are also incorporated. This course is designed to provide an overview of all the courses in the Biomedical Sciences program and lay the scientific foundation for subsequent courses.

PREREQUISITE: Must be concurrently enrolled in Biology 1 and Algebra or higher

**HUMAN BODY SYSTEMS**

**Full Year**

**Grades 10-11**

Students examine the interactions of Body Systems as they explore identity, communication, power, movement, protection and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science and action, students build organs and tissues on a skeletal mannequin, work through interesting real world cases and often play the role of biomedical professionals to solve medical mysteries.

PREREQUISITE: Must have passed PBS with a C or better. Students must be concurrently enrolled in a science class.

## **BUSINESS DEPARTMENT**

<b>COURSE NAME</b>	<b>GRADE LEVEL</b>	<b>SEMESTER OR FULL YEAR</b>	<b>PREREQUISITE</b>
Accounting 1	10-12	Semester	None
Accounting 2	10-12	Semester	Accounting 1
AP Microeconomics+	11-12	Semester 1	None
AP Macroeconomics+	11-12	Semester 2	AP Microeconomics
Business Management	11-12	Semester	None
Business and Personal Law	11-12	Semester	None
Computer Applications 1	9-12	Semester	None
Computer Applications 2	9-12	Semester	Computer Applications 1
Computer Programming 1	10-12	Semester	Algebra 1 with minimum grade of "B" or Geometry/Algebra 2
AP Computer Science A+	11-12	Full Year	Computer Programming 1 or teacher approval
Entrepreneurship	11-12	Semester	Marketing 1 or Business Management
Introduction to Business	9-10	Semester	None
Marketing 1	10-12	Semester	None
Marketing 2	12	Full Year	Marketing 1
Multimedia and Graphic Design	10-12	Semester	None
Personal Finance (graduation requirement)	10-12	Semester	10 <sup>th</sup> Grade with a minimum of 6 credits or 11 <sup>th</sup> /12 <sup>th</sup> grade
Senior Career Internship 1	12	Semester 1	None
Senior Career Internship 2	12	Semester 2	Senior Career Internship 1
Senior Career Internship Field Experience	12	Semester or Full Year	Approved application & concurrent enrollment in SCI 1 or SCI 2
Sports and Entertainment Marketing	11-12	Semester	Marketing 1
Web Design 1	9-12	Semester	None
Web Design 2	10-12	Semester	Web Design 1

+Denotes Weighted Courses

## **BUSINESS DEPARTMENT**

### **ACCOUNTING 1**

**Semester**

**Grades 10-12**

This course is designed to build a basic understanding of accounting principles, concepts, and procedures. Activities include using the accounting equation, completing the accounting cycle, entering transactions to journals, posting to ledgers, preparing end-of-period statements and reports, managing payroll systems, completing banking activities, calculating taxes, and performing other related tasks.

PREREQUISITE: None

### **ACCOUNTING 2**

**Semester**

**Grades 10-12**

This course is designed to help students acquire a more thorough in-depth knowledge of accounting procedures and techniques utilized in solving business problems and making financial decisions. Students will develop skills in analyzing and interpreting information common to partnerships and corporations, preparing formal statements and supporting schedules, and using inventory and budgetary control systems.

PREREQUISITE: Accounting 1

PREREQUISITE: None

### **AP MICROECONOMICS**

**Semester 1**

**Grade 11-12**

AP Microeconomics gives students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets and includes the story of factor markets and of the role of government in promoting greater efficiency and equity in the economy. Students may receive personal finance credit by earning a minimum of a "B" in Microeconomics and Macroeconomics and pass the on-line proficiency test with a 70% or better.

PREPREREQUISITE: None

### **AP MACROECONOMICS**

**Semester 2**

**Grade 11-12**

AP Macroeconomics gives students a thorough understanding of the principals of economics that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination, and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students may receive personal finance credit by earning a minimum of a "B" in Microeconomics and Macroeconomics and pass the on-line proficiency test with a 70% or better.

PREREQUISITE: AP Microeconomics

**BUSINESS MANAGEMENT****Semester****Grades 11-12**

This course is designed to help students develop an understanding of skills and resources needed to manage a business. Instruction includes a general overview of American business, forms of business ownership, personnel management, labor-management relations, public and human relations, government regulations, and financial analysis.

PREREQUISITE: None

**BUSINESS & PERSONAL LAW****Semester****Grades 11-12**

This course is designed to acquaint students with the basic legal principles relevant to their roles as citizens, consumers, and employees through a mixture of personal, business, and consumer law. The content includes the basic characteristics of the sources of law, the court system, trial procedures, criminal law, tort law, contract law, and consumer law.

PREREQUISITE: None

**COMPUTER APPLICATIONS 1****Semester****Grades 9-12**

This course is designed to help students master beginning skills in the areas of keyboarding, word processing, spreadsheet applications, and integration of software using Microsoft Office Professional Suite.

PREREQUISITE: None

**COMPUTER APPLICATIONS 2****Semester****Grades 9-12**

This course is designed to help students master beginning skills in the areas of database management, presentation applications and integration of software using Microsoft Office Professional Suite.

PREREQUISITE: Computer Applications 1

**COMPUTER PROGRAMMING 1****Semester****Grades 10-12**

This course introduces the student to elementary programming principles and applications. This course is intended for students with little or no prior programming experience. Students will write short programs using structured programming techniques. They are provided as much hands-on time as possible learning programming by actual development, coding, entry, debugging, and testing of their own programs.

PREREQUISITE: Algebra 1 with minimum grade of 'B' or Geometry/ Algebra 2

**AP COMPUTER SCIENCE A****Full Year****Grades 11-12**

The AP Computer Science A course is an introductory course in computer science. Because the design and implementation of computer programs to solve problems involves skills that are fundamental to the study of computer science, a large part of the course is built around the development of computer programs that correctly solve a given problem. These programs should be understandable, adaptable, and, when appropriate, reuseable. At the same time, the design and implementation of computer programs is used as a context for introducing other important aspects of computer science, including the development and analysis of algorithms, the development and use of fundamental data structures, the study of standard algorithms and typical applications, and the use of logic and formal methods. In addition, the responsible use of these systems is an integral part of the course.

PREREQUISITE: Computer Programming 1 or teacher approval

**ENTREPRENEURSHIP****Semester****Grades 11-12**

This course is designed to provide students with the fundamental knowledge needed for organizing, developing, and implementing a business within the private free enterprise system. Topics of study will include learning the advantages and disadvantages of owning a business, preparing a business plan, choosing a location, securing a loan, determining organizational structure, and promoting a business.

PREREQUISITE: Marketing 1 or Business Management

**INTRODUCTION TO BUSINESS****Semester****Grades 9-10**

This course is designed to introduce students to how business works in today's society and to provide a foundation for other business courses. Content includes business topics such as accounting, finance, economics, management, marketing, government's role in business, and technology in the business world.

PREREQUISITE: None

**MARKETING 1****Semester****Grades 10-12**

This course is designed to introduce students to areas in marketing and marketing related occupations. Topics covered include marketing concepts, economics, advertising, sales promotion, pricing, and salesmanship. Credit in this course makes the student eligible to enroll in Sports & Entertainment Marketing, Entrepreneurship, and/or Marketing 2.

PREREQUISITE: None



**MARKETING 2****Full Year****Grade 12**

This course is designed to give additional attention to the topics covered in Marketing I with an emphasis on market research, product development, promotion, and distribution. This is a project-based course in which the student will have the opportunity to develop new product ideas, build advertising campaigns and develop sales promotion techniques.

PREREQUISITE: Marketing 1

**MULTIMEDIA AND GRAPHIC DESIGN****Semester****Grades 10-12**

This course provides an introduction to multimedia concepts and graphic design principles. In the computer lab, students will learn to work with audio, graphics, video files, scanners, digital cameras, and camcorders. Students will learn the basics of Adobe Professional Suite software for the use of multimedia and graphic design.

PREREQUISITE: None

**PERSONAL FINANCE  
(Graduation Requirement)****Semester****Grades 10-12**

This course applies money and economic concepts to the development of personal financial goals. Skills in money management deal with the study of basic concepts of economics, insurance, spending, credit, savings, investments, and budgeting—skills needed for productive citizenship. The course may also cover financial matters such as opportunity costs, taxes, income, employee benefits, and consumer protection.

PREREQUISITE: Must be in the 10<sup>th</sup> grade with a minimum of 6 credits or 11<sup>th</sup> & 12<sup>th</sup> grades.

**SENIOR CAREER INTERNSHIP 1****Semester****Grade 12**

This course is designed to allow students to learn all aspects of employment through classroom instruction in a paid or unpaid internship. Topics covered in class include ethics and social responsibility, employment research and development in chosen career, communication and interpersonal skills, health and safety on the job, and legal issues. Students enrolled in this course have the opportunity to apply these topics to a career of their choice in a paid or unpaid internship through the Senior Career Internship Field Experience course.

PREREQUISITE: NONE

**SENIOR CAREER INTERNSHIP 2****Semester****Grade 12**

This course is a continuation of Senior Career Internship 1 with the focus on creating career portfolios, discussing employment taxes and social security, developing time management, leadership, teamwork skills, researching entrepreneurship opportunities in career fields, and examining the relationships of all aspects of the business. Students enrolled in the course have the opportunity to apply these topics to a career of their choice in a paid or unpaid internship through the Senior Career Internship Field Experience course.

PREREQUISITE: Senior Career Internship 1

**SENIOR CAREER INTERNSHIP  
FIELD EXPERIENCE**

**Semester or full year**

**Grade 12**

This course is designed to assist students to become acquainted with a career field of interest and provide learning experiences in the real world environment. Students will apply the topics learned in the Senior Career Internship course to their field experience. Through the cooperative effort of the school and community, students will be able to learn both in and out of the classroom in the career of their choice. The teacher/coordinator will assist in placing the students in appropriate training environments, work closely with each employer, and is responsible for supervising the internship program. Students will receive academic credit based on employer evaluations, completed instructional management plans, journal entries, and employment reports. Students may receive ½ an academic credit first semester based on 10-19 hours interning per week or 1 academic credit per semester based on 20 or more hours per week.

PREREQUISITE: Approved application and concurrent enrollment in Senior Career Internship 1 or 2.

**SPORTS AND ENTERTAINMENT  
MARKETING**

**Semester**

**Grades 11–12**

This course is designed to allow students to apply the basic functions of marketing to the sports and entertainment industry. Topics discussed throughout the course are college, amateur and professional sports and the entertainment industry. Students will learn how to market products through these industries and to evaluate their public images. Legal issues of the sports and entertainment sector will also be discussed. Students will be involved in group projects, research, evaluating web sites.

PREREQUISITE: Marketing 1

**WEB DESIGN 1**

**Semester**

**Grades 9-12**

This course is an introduction to creating documents to be published on the internet. Students will gain an in-depth understanding of web design concepts and techniques that are essential to planning, creating, testing, publishing, and maintaining websites. They will also learn how to incorporate text, still images, multimedia, lines, tables, and frames into their web pages.

PREREQUISITE: None

**WEB DESIGN 2**

**Semester**

**Grades 10-12**

This course is designed to introduce students to more advanced techniques of HTML. Continue to create documents to be published on the internet using advance tables, construction of forms, image-maps, Cascading Style Sheets, and search engines. Attention will be given to JavaScript Object and Event coding to enhance web sites.

PREREQUISITE: Web Design 1

## FAMILY AND CONSUMER SCIENCES

<b>COURSE NAME</b>	<b>GRADE LEVEL</b>	<b>SEMESTER OR FULL YEAR</b>	<b>PREREQUISITE</b>
Child Development 1	9-12	Semester	None
Child Development 2	11-12	Semester	Child Development 1
Clothing & Textiles	9-12	Semester	None
Advanced Clothing and Textiles	9-12	Semester	Clothing and Textiles
Culinary Arts	11-12	Full Year	Nutritional Foods and Modern Meals or World Foods and Teacher Recommendation
Education and Teaching	11-12	Semester	Child Development 1 and Child Development 2
Fashion Merchandising	9-12	Semester	None
Food Science and Dietetics	9-12	Semester	None
Housing & Interior Design	9-12	Semester	None
Human Relations 1	11-12	Semester	None
Human Relations 2	11-12	Semester	Human Relations 1
Individual and Family Health	9-12	Semester	None
Modern Meals	9-12	Semester	Nutritional Foods
Nutritional Foods	9-12	Semester	None
Parenting	9-12	Semester	None
Personal Finance (Graduation Requirement)	10-12	Semester	None
World Foods	9-12	Semester	Nutritional Foods

# **FAMILY AND CONSUMER SCIENCES**

## **CHILD DEVELOPMENT 1**

**Semester**

**Grades 9-12**

This course provides instruction in the care, guidance, understanding, and appreciation of children and their development. Units taught include prenatal development, physical, emotional, social, cognitive development of children, birth through age six. Units on child health and safety, child abuse recognition and preventions, and children in crisis are included in this course. Preschoolers are brought into the classroom to participate in a play school for three and four year olds for a portion of the semester. High school students are taught to select, plan, and direct age appropriate activities for the preschoolers. The high school students observe and record observations **and keep a journal while in preschool.**

PREREQUISITE: None

## **CHILD DEVELOPMENT 2**

**Semester**

**Grades 11-12**

This course is a continuation of Child Development 1. This course provides instruction in the physical, affective and cognitive development of children, ages 6 through adolescence. Students in Child Development 2 will explore the field of child development through classroom instruction, guest speakers, research, and an optional internship at the elementary school. Instruction will include the benefits of early education, careers in Human Services, communication and child guidance, effective learning environments, health issues, and balancing work and family.

PREREQUISITE: Child Development 1 NOTE: Students must be able to provide their own transportation to and from work site

## **CLOTHING AND TEXTILES**

**Semester**

**Grades 9-12**

Clothing and Textiles is a semester course in basic clothing construction and textiles. Units include a construction techniques notebook, pattern selection and use the study of textiles, and construction of a simple garment. Students work at their own pace. Career opportunities in the clothing industry are explored. Students are responsible for purchasing their own sewing supplies.

PREREQUISITE: None

## **ADVANCED CLOTHING AND TEXTILES**

**Semester**

**Grades 9-12**

Advanced Clothing and Textiles is a semester course for students who have successfully completed Clothing and Textiles. Students will improve sewing techniques and construct more challenging projects and use more advanced sewing machines. Students are responsible for purchasing their own sewing supplies.

PREREQUISITE: Clothing and Textiles

**CULINARY ARTS****Full Year****Grades 11-12**

Culinary Arts is a course designed for the student who is interested in improving their food preparation techniques to an advanced level and who may be considering a career in the food industry. Students will become skilled in the use of all types of kitchen equipment, learn complex food preparation skills and plate presentation techniques.

Students will have the opportunity to work in the food service industry 10 - 15 hours per week for an additional 1/2 credit each semester. The classroom teacher and job supervisor will work together in planning and evaluating the student's progress.

PREREQUISITE: Nutritional Foods and Modern Meals, or World Foods and teacher recommendation.

**EDUCATION AND TEACHING****Semester****Grades 11-12**

This course focuses on the general theory and practice of learning and teaching; the basic principles of educational psychology; the art of teaching, the planning and administration of educational activities; school safety and health issues; and the social foundations of education. Students will have the opportunity to enroll in a one hour internship and receive an additional 1/2 credit for class period enrolled. Students must be able to provide their own transportation to and from the work site throughout the semester.

PREREQUISITE: Child Development 1 and Child Development 2

**FASHION MERCHANDISING****Semester****Grades 9-12**

Fashion Merchandising is designed for students interested in the field of fashion merchandising/retailing, textiles, or apparel design. The student will explore the social and psychological aspects of clothing, the history of fashion, cross-cultural influences on current dress, the cycle of apparel production and marketing, the role advertising and visual display play in marketing apparel.

PREREQUISITE: None

**FOOD SCIENCE AND DIETETICS****Semester****Grades 9-12**

Food Science allows students to learn the scientific evaluation of food. Students become acquainted with the equipment used in the food science laboratory, as well as with the techniques needed for conducting food science experiments. The course is beneficial for students interested in pursuing a career in nutrition related careers such as dietetics, nutrition research, food science, food production, food preparation, or health related fields. Food Science will be of interest to students who wish to investigate a practical side of science.

PREREQUISITE: None

**HOUSING & INTERIOR DESIGN****Semester****Grades 9-12**

Housing and Interior Design explores the psychological, social, cultural, and economic aspects of family and personal shelter. The elements and principles of design are studied as they apply to interior decorating and design. Units on the history of architecture and the influences of American history will be researched to examine their influences on current housing trends. Students will learn to evaluate and create house floor plans. Students will investigate careers related to the housing industry.

PREREQUISITE: None

**HUMAN RELATIONS 1****Semester****Grades 11-12**

Human Relations is designed to guide the student to a better understanding of self, family, friends, and extended relationships. Human growth and development throughout the lifespan including personal skills necessary for reaching potential are explored. Careers in human, family, and community services are introduced.

PREREQUISITE: None

**HUMAN RELATIONS 2****Semester****Grades 11-12**

An introduction to the professional field of Family and Consumer Services with curriculum focusing on the development and application of public, private, and voluntary support services for individuals and families. The course will serve as an integral part of a program of study in the Human Services cluster, Family and Community Services Pathway. The course combined with a recommended course of study will prepare a student to function in a variety of careers promoting family life and family and community development. Possible career titles include: social worker, youth or family counselor, community and social services specialist, substance abuse and behavioral disorder counselor, marriage and family therapist, mental health and substance abuse counselor, school guidance counselor, victim support counselor, gerontological counselor and social workers, etc. Course curriculum will include instruction in family systems, human development, social services, community social and economic development, social policy, voluntary sector activities, community outreach and education. A practicum or shadowing experience within a local community action agency or family non-profit organization will be arranged and required.

PREREQUISITE: Human Relations 1

**INDIVIDUAL AND FAMILY HEALTH****Semester****Grades 9-12**

This health course is designed to meet the needs of today's student in typical areas of concern. This course includes units in communicable diseases, family relations, substance abuse, nutrition, sports nutrition, fitness, and other units pertaining to the development of personal and family health. Career opportunities in health-related fields will be investigated. This course meets the high school graduation requirement for health.

PREREQUISITE: None

**MODERN MEALS****Semester****Grades 9–12**

Modern Meals is an intermediate course that focuses on nutritious meal planning, food selection, and food preparation for family members and peoples that have special dietary requirements. Students will plan and prepare meals that are healthy, appealing, and economical. Varieties of meal types include vegetarian dishes, meals for special occasions and meals for special diets.

PREREQUISITE: Nutritional Foods

**NUTRITIONAL FOODS****Semester****Grades 9 - 12**

Nutritional Foods is an introductory course that explores food choices and preparation skills. Personal and family nutrition and its relationship to health and wellness are an integral part of this course. This class emphasizes food preparation skills, safety and sanitation in food preparation; food selections based on the My Plate and government guidelines. Current issues related to foods and nutrition and careers related to the food industry are a part of this course.

PREREQUISITE: None

**PARENTING****Semester****Grades 9-12**

Effective parenting lends stability to the overall social structure. The Parenting course provides students with a thorough range of information concerning positive parenting, family patterns, considerations before pregnancy, human reproduction, contraception, prenatal care, labor and birth, infant care, developmental issues, discipline techniques and current issues. Preschool children are brought into the classroom learning lab to provide an opportunity for high school students to observe and work with children.

PREREQUISITE: None

**PERSONAL FINANCE  
(Graduation Requirement)****Semester****Grades 10-12**

This course applies money and economic concepts to the development of personal financial goals. Skills in money management deal with the study of basic concepts of economics, insurance, spending, credit, savings, investments, and budgeting—skills needed for productive citizenship. The course may also cover financial matters such as opportunity costs, taxes, income, employee benefits, and consumer protection.

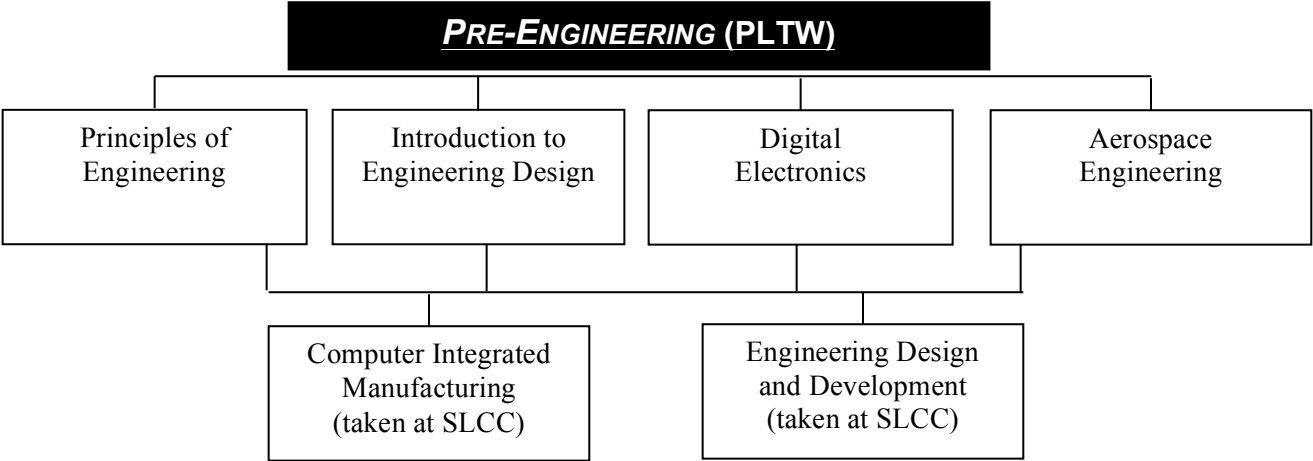
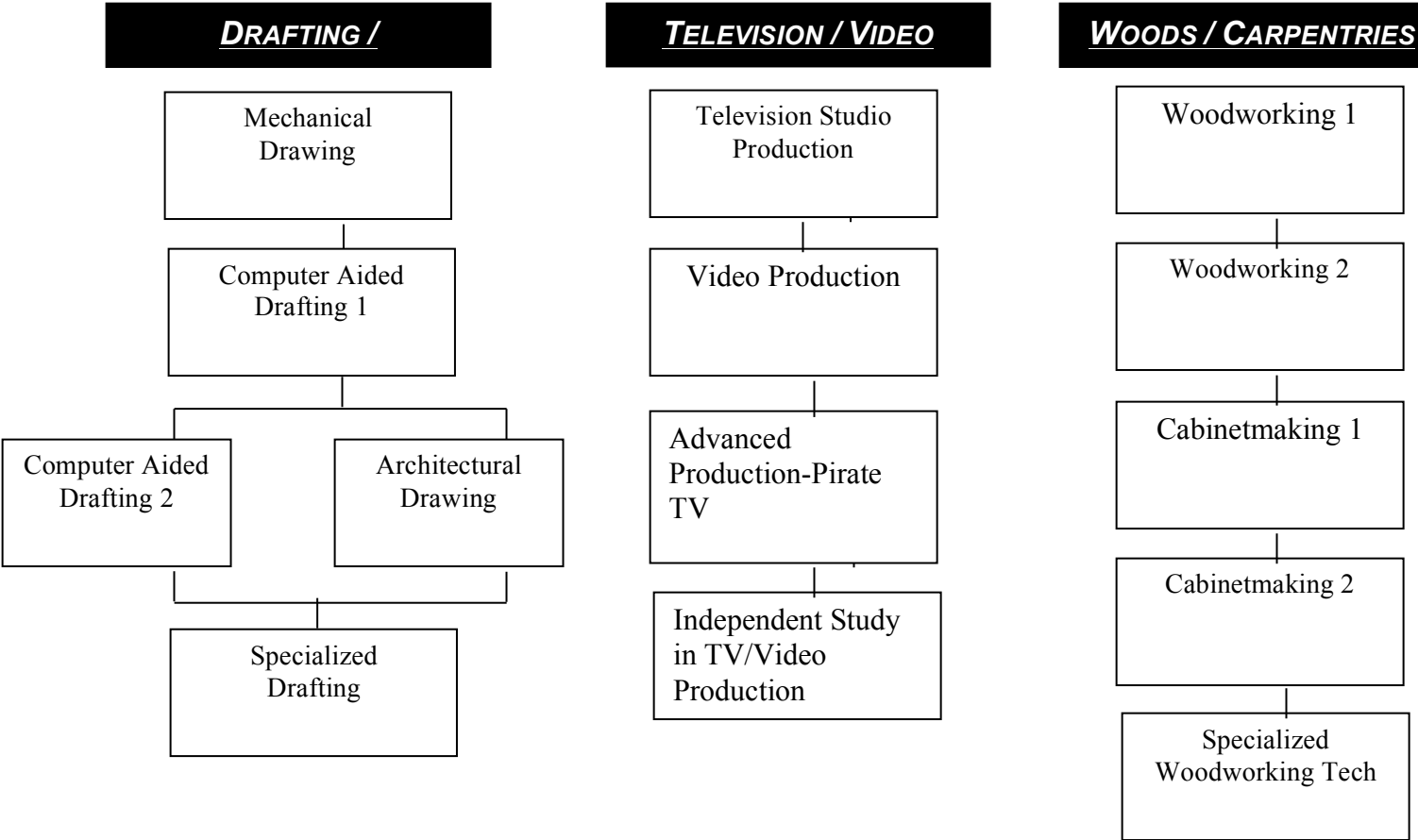
PREREQUISITE: Must be in the 10<sup>th</sup> grade with a minimum of 6 credits or 11<sup>th</sup> & 12<sup>th</sup> grades.

**WORLD FOODS****Semester****Grades 9-12**

World Foods is a course designed for students interested in advanced food preparation and the exploration of foods from other cultures. Emphasis is placed on food preparation techniques, exploration of foreign foods and the significance of food as it relates to various cultures.

PREREQUISITE: Nutritional Foods

# TECHNOLOGY EDUCATION DEPARTMENT





## TECHNOLOGY EDUCATION DEPARTMENT

<b>COURSE NAME</b>	<b>GRADE LEVEL</b>	<b>SEMESTER OR FULL YEAR</b>	<b>PREREQUISITE</b>
<b><i>DRAFTING / ARCHITECTURE</i></b>			
Architectural Drawing	10-12	Semester	Computer Aided Drafting 1
Computer Aided Drafting 1	10-12	Semester	Mechanical Drawing
Computer Aided Drafting 2	10-12	Semester	Computer Aided Drafting 1
Mechanical Drawing	9-12	Semester	None
Specialized Drafting	11-12	Semester	Computer Aided Drafting 2
<b><i>HEALTH OCCUPATIONS</i></b>			
Certified Nurse Assistant/Health Sciences	12	Full Year	2.0 GPA, teacher recommendation, Biology, Health. Human Anatomy before or concurrently
<b><i>PRE-ENGINEERING (PLTW)</i></b>			
Aerospace Engineering	11-12	Full Year	Algebra 1; Strongly recommended Introduction to Engineering Design or Principles of Engineering or Physics and concurrently enrolled in Algebra 2
Digital Electronics	11-12	Full Year	Algebra 1: Strongly recommended Introduction to Engineering Design or Principles of Engineering and concurrently enrolled in Algebra 2
Introduction to Engineering Design	9-12	Full Year	Completed Algebra 1 with a grade of C or better
Principles of Engineering (POE)	9-12	Full Year	Completed Algebra 1 with a grade of C or better

<b>TELEVISION / VIDEO PRODUCTION</b>			
Television Studio Production	10-12	Semester	2.0 GPA
Video Production	10-12	Semester	2.5 cumulative GPA Or Teacher Recommendation
Advanced Production- Pirate TV	11-12	Semester	2.5 Cumulative GPA, Television Studio Production and Video Production with minimum grade of 'B', and/or Instructor Written Approval
Independent Study in TV / Video Production	12	Semester	2.5 Cumulative GPA, 2-consecutive Semesters of Advanced Production for Broadcast. Submitted Application/Proposal & Instructor Written Approval
<b>WOODS / CARPENTRY</b>			
Cabinetmaking 1	10-12	Semester	Woodworking 2
Cabinetmaking 2	10-12	Semester	Cabinetmaking 1
Specialized Woodworking Technology	11 - 12	Semester	Cabinetmaking 2 Submitted Work Outline, and Instructor Written Approval
Woodworking 1	9-12	Semester	None
Woodworking 2	9-12	Semester	Woodworking 1

# TECHNOLOGY EDUCATION DEPARTMENT

## ***DRAFTING / ARCHITECTURE***

### **ARCHITECTURAL DRAWING**

**Semester**

**Grades 10-12**

Instructional units will deal with theory of design, living areas, service area, sleeping area, techniques, electrical plans, architectural work drawings, building methods and materials, required sizes, schedules and building codes. Assignments will be given in blueprint reading and the building trades. The student will draw a floor plan, four elevations, and a wall section of a home he/she designs and plans.

PREREQUISITE: Computer Aided Drafting 1

### **COMPUTER AIDED DRAFTING 1**

**Semester**

**Grades 10-12**

This course will expose the student to the latest technology in graphic communications. It is designed to provide experience using a computer aided drafting system as a tool for drafting and design. Students will develop a basic understanding of computer operation and specifically "Auto Cad" software operation. This knowledge will serve as an extension of skills previously developed in Mechanical Drawing. This course serves as a building block for more in-depth CAD applications in Computer Aided Drafting 2.

PREREQUISITE: Mechanical Drawing

### **COMPUTER AIDED DRAFTING 2**

**Semester**

**Grades 10-12**

This course is a continuation of Computer Aided Drafting 1. Study in the use of the "CAD" system will be in greater depth. This course is designed to give the student the opportunity to become more proficient in the use of "CAD" as a tool for graphic communication. The student will be engaged in problem solving using their working knowledge of "AutoCAD" and Inventor Pro to draw and design objects that would meet manufacturing requirements.

PREREQUISITE: Computer Aided Drafting 1

### **MECHANICAL DRAWING**

**Semester**

**Grades 9-12**

This class is where students will be introduced to the exciting graphic language that designers and engineers use to communicate their ideas. Drafting machines and various other types of drafting equipment will be used to teach the students how to produce a wide range of technical drawings. Come explore the world of drafting in this exciting, hands-on class.

PREREQUISITE: None

**SPECIALIZED DRAFTING****Semester****Grade 11-12**

This course is designed to provide specialized in-depth experiences in a rather specialized phase of drafting such as descriptive geometry, technical drawing, architectural drawing and tool design. This is an independent study type of course and the student must obtain permission from the drafting teacher in advance to enroll in the course. The student must identify the problems he/she wishes to work on and provide a program outline. A student who qualifies will be allowed into specialized drafting technology at the beginning of the semester if space is available in an advanced drafting section.

PREREQUISITE: Computer Aided Drafting 2

**HEALTH OCCUPATIONS****CERTIFIED NURSE ASSISTANT/  
HEALTH SCIENCES****Full Year****Grades 12**

This one year course is designed to increase interest in healthcare by introducing students to the variety of opportunities and benefits of the industry. The 1<sup>st</sup> semester of the course will consist of foundation and skills curriculum to prepare the students to function safely and competently in the clinical areas. Students will be taught a certified nurse assistant (CAN) curriculum during their classroom time, including CPR training. There will be clinical experiences three to four days a week in area hospitals and skilled nursing facilities during 2<sup>nd</sup> semester. (Transportation is not provided.) There is a fee of approximately \$150 for this course.

PREREQUISITE: 2.0 GPA, Teacher Recommendation, Biology, and Health  
RECOMMENDATION: Anatomy should be completed prior or taken concurrently

**PRE-ENGINEERING (PROJECT LEAD THE WAY - PLTW)****AEROSPACE ENGINEERING****Full Year****Grades 11-12**

This course provides students with the fundamental knowledge and experience to apply mathematical, scientific, and engineering principles to the design, development, and evaluation of aircraft, space vehicles and/or operating systems. Emphasis should include investigation and research on flight characteristics, analysis of aerodynamic design, and impact of this technology on the environment. Classroom instruction should provide creative thinking and problem solving activities using software that allows students to design, test, and evaluate a variety of air and space vehicles, their systems, and launching, guidance and control procedure. College credit is available at St. Louis Community College through the Tech Prep agreement.

PREREQUISITE: Algebra 1; Strongly recommended Introduction to Engineering Design or Principles of Engineering or Physics and concurrently enrolled in Algebra 2

**DIGITAL ELECTRONICS****Full Year****Grades 11-12**

This course examines electronic fundamentals as a basis for exploring applied logic as it applies to electronic devices. This course gives students a fundamental understanding of the concepts and applications of electricity and electronics. Computer simulation software is used to design and test digital circuitry prior to the actual construction of circuits and devices. The introduction of these building blocks will be of utmost importance for those students who desire careers in areas such as mathematicians, scientists, engineers, or other computer related fields. College Credit is available through St. Louis Community College.

PREREQUISITE: Algebra 1: Strongly recommended Introduction to Engineering Design or Principles of Engineering and concurrently enrolled in Algebra 2.

**INTRODUCTION TO ENGINEERING DESIGN****Full Year****Grades 9-12**

This course teaches problem solving skills using a design development process. Models of product solutions are created, analyzed, and communicated using solid modeling design software. College Credit is available at St. Louis Community College through the Tech Prep agreement.

PREREQUISITE: Completed Algebra 1 with a grade of C or better

**PRINCIPLES OF ENGINEERING (POE)****Full Year****Grades 9–12**

A course that helps students understand the field of engineering technology. Exploring various technology systems and manufacturing processes helps students learn how engineers and technicians use math, science, and technology in an engineering problem solving process to benefit people. The course also includes concerns about social and political consequences of technological change.

PREREQUISITE: Completed Algebra 1 with a grade of C or better

**TELEVISION / VIDEO PRODUCTION****TELEVISION STUDIO PRODUCTION****Semester****Grades 10-12**

Television Studio Production offers students the chance to experience the real world of television production in a multi-camera production studio. The course will familiarize students with basic concepts in television scriptwriting, storyboard preparation, set design, functions of studio cameras, shot compositions, control room operations, studio lighting, audio and directing techniques. Students are given the experience of simulating crew positions on a television set, learning both the techniques and terminology of the field. While gaining practical, hands-on experience, students will master procedures to produce and direct their own live studio production. This class satisfies the Oral Communication requirement.

PREREQUISITE: 2.0

**VIDEO PRODUCTION****Semester****Grades 10-12**

This course offers students the chance to explore the art of video production, including planning, shooting and editing video footage for a variety of sources. Through class projects, students will have the opportunity to participate in various stages of video production, from concept through completion, producing commercials, music videos, comedic/dramatic skits, club and sports promotions, digital shorts and more. Concepts in video composition, production stages, graphic design, directing and post production are examined, including an introduction to Final Cut Pro editing. This class satisfies the Oral Communication requirement.

Note: This course is the prerequisite course to Pirate TV.

PREREQUISITE: 2.5 cumulative G.P.A. or teacher recommendation

**ADVANCED PRODUCTION-Pirate TV****Semester****Grades 11-12**

This course is an advanced production course focusing on television and video production for broadcast. Students will utilize and expand upon their production skills in producer roles to create news, sports, and entertainment programming for Pirate TV. Advanced topics include strategies in concept creation, writing for television, television reporting, advanced production techniques, and television post-production.

PREREQUISITE: 2.5 cumulative GPA required, Television Studio Production with a grade of B or better, Video Production with a grade of B or better, written instruction approval.

**INDEPENDENT STUDY IN  
TV / VIDEO PRODUCTION****Semester****Grade 12**

This course extends beyond basic production giving advanced students with senior standing the opportunity to develop and produce professional video work in their area of interest. Specialized focus may include video portfolio samples for college entrance, advanced commercial production, corporate video, advanced techniques in non-linear editing, or individual production proposals. Eligible applicants for independent study must submit application and project proposal to instructor by first week in May for fall enrollment or first week in December for spring enrollment. Students may not pre-enroll without instructor approval.

PREREQUISITE: 2.5 Cumulative GPA, 2-consecutive Semesters of Advanced Production for Broadcast, Submitted Application/Proposal, and Instructor Written Approval

## **WOODS / CARPENTRY**

### **CABINETMAKING 1**

**Semester**

**Grades 10-12**

The students will be given the opportunity to develop their own ideas and concepts in the selection and development of a project of their choosing. The students will follow a basic procedure set forth in the class to create an organized process of a high caliber such that any person of the same abilities would be able to: read the sketches, blueprints, understand the bill of material, and follow the steps necessary to construct the project. The idea of exactness is stressed, and the communication of the students' ideas and desires are built into the planning and construction of the project.

PREREQUISITE: Woodworking 2

### **CABINETMAKING 2**

**Second Semester Only**

**Grades 10-12**

This course is designed for those students who desire further training and experiences in cabinetmaking. This course will give students an opportunity to complete projects that have a scope, which is too large to be completed in Cabinetmaking I.

PREREQUISITE: Cabinetmaking 1

### **SPECIALIZED**

### **WOODWORKING TECHNOLOGY**

**Semester**

**Grade 11-12**

This course is designed for students who desire further training in woodworking in such areas as: wood lamination, PEG diffusion, particle molding, projection products of industry, wood plastic composition, residential construction, wood structure and its properties and methods of identification, automatic drying chamber, and constructing three-dimensional visual aids. This is an independent study type of course and the student must receive permission from the woodworking instructor to enroll prior to admittance. The student must identify the problem or area he/she wishes to work in and present an outline to the instructor for approval.

PREREQUISITE: Cabinetmaking 2, Submitted Work Outline, and Instructor Written Approval

### **WOODWORKING 1**

**Semester**

**Grades 9-12**

This course deals with the properties of wood, grading of lumber, lumber computations, finishing materials, selected learning projects and following steps of procedure, introduction to basic hand power tools, and the proper use of machine woodworking equipment. The area of safety is stressed in the performance of all woodworking operations.

PREREQUISITE: None

### **WOODWORKING 2**

**Second Semester Only**

**Grades 9-12**

Woodworking 2 endeavors to develop a broader concept of wood technology along the lines of advanced techniques in the operation of machine woodworking equipment, advanced features of construction, introduction to production projects, designing projects, wood burning, glue clamps, fasteners, laminating, and joinery.

PREREQUISITE: Woodworking 1

## ART DEPARTMENT

<b>COURSE NAME</b>	<b>GRADE LEVEL</b>	<b>SEMESTER OR FULL YEAR</b>	<b>PREREQUISITE</b>
Art Fundamentals	9-12	Semester	None
Ceramics 1	9-12	Semester	Art Fundamentals
Ceramics 2	10-12	Semester	Ceramics 1
Digital Design 1	9-12	Semester	Art Fundamentals
Digital Design 2	10-12	Semester	C or better in Digital Design 1
Drawing 1	9-12	Semester	Art Fundamentals
Drawing 2	10-12	Semester	Drawing 1
Painting 1	10-12	Semester	Drawing 1 or approval of Instructor
Painting 2	10-12	Semester	Painting 1
Sculpture 1	9-12	Semester	Art Fundamentals
Sculpture 2	10-12	Semester	Art Fundamentals and Sculpture 1
Independent Study (Level 3 available with teacher approval for Ceramics, Digital Design, Sculpture, Drawing and Painting)	10-12	Semester	Teacher Approval
Advanced Studio Art+	11-12	Full Year	Four Art classes, Teacher approval, upper level art class in at least one area

+Denotes Weighted Courses



# ART DEPARTMENT

## ART FUNDAMENTALS

**Semester**

**Grades 9-12**

Through a series of art projects, students can gain an appreciation of the creative process, the elements and principles of design, and how art can enrich their lives. Art Fundamentals is an introductory art course which is the prerequisite for advanced art courses. It is an intense study of the elements and principles of design. A variety of materials and techniques are used to create projects. Art history, art in other cultures and art related careers are studied. Students will be expected to complete several short writing assignments.

PREREQUISITE: None

## CERAMICS 1

**Semester**

**Grades 9-12**

Ceramics 1 provides students a means of artistic expression through a series of hand built clay projects. Students also develop physical skills, an appreciation for handmade items and an understanding of the historic and present day uses of clay. Ceramics 1 introduces the basic clay hand building methods such as pinch, coil, slab, and sculpture. Projects will be finished using a variety of decorative methods, such as glazing, under-glazing, slip, wax-resist, and painting. Emphasis is on the use of the elements and principles of design in the creation of projects in clay. Students will be working with several types of clay. Students will be working with several different types of clay, and will be expected to write about their projects and the clay process.

PREREQUISITE: Art Fundamentals

## CERAMICS 2

**Semester**

**Grades 10-12**

Ceramics 2 develops skills learned in Ceramics 1 through advanced hand-built projects and an introduction to the potter's wheel. Emphasis will be on the creative aspect of ceramics and some projects will be geared toward individual interests. Students will be expected to write about their projects, maintain a sketchbook and a daily log of their progress on projects.

PREREQUISITE: Ceramics 1 with a grade of "C" or better is recommended.

## DIGITAL DESIGN 1

**Semester**

**Grades 9-12**

Digital Design 1 uses a Macintosh Computer as a tool for creating original artwork. Emphasis will be placed on the elements and principles of design. Photoshop software will be used in conjunction with images that the students create using digital photography and images scanned or taken from the Internet.

PREREQUISITE: Art Fundamentals

## DIGITAL DESIGN 2

**Semester**

**Grades 10-12**

Course will take skills learned in Digital Design 1 and develop further understanding of manipulation of digital images using Macintosh to create artwork.

PREREQUISITE: Digital Design 1 (with a grade of "C" is recommended)

**DRAWING 1****Semester****Grades 9-12**

Drawing 1 enables students to develop their creative abilities and appreciate the contributions of drawing to society. Drawing 1 helps students develop techniques and skills in drawing. The students will be required to maintain a sketchbook to record observations, ideas, and take notes. At least 14 homework sketches will be required during the semester. Emphasis will be on the basics of drawing and using different drawing techniques, such as contour line drawing, gesture drawing, perspective drawing, ink drawing, and portrait drawing. In addition to pencil, there will be a variety of media introduced including ink, pastel, marker, charcoal, and scratchboard.

PREREQUISITE: Art Fundamentals

**DRAWING 2****Semester****Grades 10-12**

This course enables students to develop their creative abilities and appreciate the contributions of drawing to society. Media including pencil, charcoal, pastels, pen and ink, markers, and chalk will be used in projects such as still-life drawing, figure drawing, perspective and compositional drawings. Drawing 2 assumes that the student already has a strong command of drawing skills and techniques. Emphasis will be on the creative aspect of drawing. Assignments are geared to the individual student's experiences, memories and skills. Sketchbooks are an important component of drawing; a minimum of 20 homework sketches is required.

PREREQUISITE: Drawing 1 (with a grade of "B" or better is recommended)

**PAINTING 1****Semester****Grades 10-12**

Painting I develops creative skills through a variety of painting techniques and media. Composition and color usage are stressed in watercolor and acrylic paintings. Students will paint from still-life, create works based on historic and artistic styles and write about and evaluate artwork. Drawing skills are necessary and it is recommended that a student has completed Drawing 1 with a minimum of a grade of "B".

PREREQUISITE: Drawing 1 (with a grade of "B" or better)

**PAINTING II****Semester****Grades 10-12**

This course is an intensified application of painting skills, techniques and media beyond Painting 1. Students will work on a larger scale and it is expected that they will work independently with assistance from the teacher. Direct observation, artists' styles, and art history will be used as the basis for paintings. Technology will be used when appropriate in the lessons. Students will critique works of art and be expected to write about their projects and the painting process.

PREREQUISITE: Painting 1 (with a grade of "B" or better is recommended)

**SCULPTURE 1****Semester****Grades 9-12**

Sculpture provides students with the opportunity to develop their three-dimensional visual creativity, problem solving and critical thinking skills. This course enables students to create work to be included in the three-dimensional AP portfolio. Sculpture places emphasis on creating artwork that requires three-dimensional thinking processes. The class will explore the four methods of sculpture, modeling, casting, carving and assembling. Students will be expected to critique and write about sculpture.

PREREQUISITE: Art Fundamentals

**SCULPTURE 2****Semester****Grades 10-12**

Sculpture provides students with the opportunity to further develop their three-dimensional visual creativity, problem solving and critical thinking skills. This course enables students to create work to be included in a three-dimensional AP portfolio. Students will develop skills learned in Sculpture I through advanced modeling, casting, carving, and assembling projects. Students will be expected to research, critique and write about sculpture. Some projects will be geared toward individual interests.

PREREQUISITE: Sculpture 1

**INDEPENDENT STUDY****Semester****Grades 10-12**

Ceramics 3, Digital Design 3, Drawing 3, Painting 3, Sculpture 3 available for students wishing to pursue an area of art at a higher level.

PREREQUISITE: Level 1 and 2 successfully completed and Teacher Approval

**ADVANCED STUDIO ART****Year****Grades 11-12****(Advanced Placement Option - can be taken more than one year for credit)**

Students interested in pursuing are at the college level or a career in the field of art require the opportunity to work in depth in an area of concentration to develop artistic skills, writing skills, and critical thinking skills. Exploring college and career opportunities related to the field of art allows students to make better decisions impacting their future. This course provides an opportunity for students to complete a portfolio for possible submission to "The College Board" for evaluation and Advanced Placement credit.

Advanced Studio Art provides students who are considering continuing in art at the college level, an opportunity to work in-depth in an area of interest, develop writing skills, enhance critical thinking skills, examine college and career opportunities, and ultimately submit a portfolio for evaluation. In order to complete the art portfolio for submission to the College Board, students should enroll in Advanced Studio Art both first and second semester. Students wishing to receive AP credit in studio art must submit a portfolio to the College board The portfolio is used as the sole criteria for AP credit, which is, granted at the discretion of the AP College Board. A minimum of two semesters of AP art is strongly recommended.

PREREQUISITE: Students are required to complete at least 4 semesters of art and gain teacher approval. It is strongly suggested that students take a Drawing or Figure Drawing course outside of Pattonville. This is a year-long course and may be taken up to 2 years for credit.

# THEATRE

<b>COURSE NAME</b>	<b>GRADE LEVEL</b>	<b>SEMESTER OR FULL YEAR</b>	<b>PREREQUISITE</b>
Acting	10-12	Semester	Introduction to Theatre with a "C" or higher
Acting 2	10-12	Semester	Acting with a "C" higher or Teacher Recommendation
College Credit Theatre+	12	Second Semester	3 of the following courses (all with a "C" or higher): Intro to Theatre, Acting, Acting 2, Technical Theatre, Competitive Theatre AND Teacher Recommendation
Competitive Theatre	10-12	First Semester	None
Introduction to Theatre	9-12	Semester	None
Independent Study – Theatre	10-12	Semester	Teacher Recommendation
Technical Theatre	9-12	Semester	Introduction to Theatre with a "C" or higher or Teacher Recommendation

+ Denotes Weighted Courses

## ELECTIVES

### ACTING

**Semester**

**Grades 10-12**

This course requires students to perform in a variety of acting situations, including improvisation, monologues, scenes. Memorization and reading are necessary. Acting is a skills oriented participation class which deals with expressive techniques by combining the formation of a theatrical discipline with the dramatic aspects of real life experience.

PREREQUISITE: Introduction to Theatre with a "C" or higher

### ACTING 2

**Semester**

**Grades 10–12**

Expanding on the work in Acting, students will explore a more in-depth study of acting. This class will focus on an investigation of theatrical genres, cultures, and time periods. Students will discuss, research, and perform research finds.

PREREQUISITE: Introduction to Theatre and Acting with a "C" or higher or Teacher Recommendation

**COLLEGE CREDIT THEATRE****Second Semester Only Grade 12**

This is an advanced course designed to integrate many forms of the theatre; acting, directing, costuming, make-up, set design and construction. Students will be responsible for one-act plays to be presented to an assembly of students and assessed by a board of teachers. Evening and after school participation is mandatory.

PREREQUISITE: Three of the following courses (all with "C" or higher): 3 of the following courses (all with a "C" or higher): Introduction to Theatre, Acting, Acting II, Technical Theatre, Competitive Theatre AND Teacher Recommendation

**COMPETITIVE THEATRE****First Semester Only Grades 10-12**

This course introduces the student to the skill of Oral Interpretation of Literature and the competitive aspects of these skills. The students are instructed in the seven different "events" as described by the state of Missouri. Students will also be exposed to several forms of literature and will prepare them for presentation. Individualized instruction will be used to direct the student and advanced student to develop their unique skills. This class satisfies the Oral Communication requirement.

PREREQUISITE: None

**INTRODUCTION TO THEATRE****Semester****Grades 9-12**

Introduction to theatre covers the basic elements of drama, and approaches theatre as an art form, a literary form, as well as a performance skill. The students are provided with exposure and appreciation of theatre arts, history of the theatre, and play reading and analysis. Students will experience the performing of pantomimes, monologues, improvisation, and readers theatre. This class satisfies the Oral Communication requirement.

PREREQUISITE: None

**INDEPENDENT STUDY – THEATRE****Semester****Grades 10-12**

This course provides an opportunity for students looking to pursue a career in the theatre or further personal knowledge of theatre. Emphasis will be placed on individual course of study agreed upon by the student and teacher. Students will choose and/or develop projects and presentations in the areas of theatrical analysis, performance, directing, playwrighting, technical theatre, reader's theatre, children's theatre, multicultural theatre, and Shakespearean theatre. Project related research and writing are incorporated into the curriculum.

PREREQUISITE: Teacher Recommendation

**TECHNICAL THEATRE****Semester****Grades 9-12**

The focus of study for this course will be lighting, sound, set design, set construction & painting, properties, stage make-up, costumes, and theatre management. Students in this course will be better equipped for participation in theatre productions as part of a technical crew.

PREREQUISITE: Introduction to Theatre with a "C" or higher or Teacher Recommendation

## MUSIC DEPARTMENT

<b>COURSE NAME</b>	<b>GRADE LEVEL</b>	<b>SEMESTER OR FULL YEAR</b>	<b>PREREQUISITE</b>
Marching/Concert Band	9-12	Full Year (Marching 1 <sup>st</sup> semester and Concert 2 <sup>nd</sup> semester)	Audition and/or approval of instructor
Concert Band	9-12	Full Year	Audition and approval of instructor
Beginning Guitar	9-12	Semester	Provide non-amplified guitar, extra set of strings and picks
Concert Choir	9-12	Semester	Audition or approval of instructor
General Music	9-12	Semester	None
Independent Study-Music	11-12	Semester	Approval of instructor
Jazz Ensemble	9-12	Full Year	Audition-enrollment in Band (120810), or Orchestra (120814)
Music Theory	9-12	Semester	Approval of instructor
String Orchestra	9-12	Full Year	Audition and approval of instructor
Concert Orchestra	9-12	Full Year	Audition and approval of instructor
Chamber Orchestra	9-12	Full Year	Audition and approval of instructor
Piano Lab 1	9-12	Semester	None
Piano Lab 2	9-12	Semester	Piano Lab 1 (120820) and approval of instructor
Swing Choir/Chamber Choir	10-12	Semester	Audition and approval of instructor
Treble Choir	9-12	Semester	Audition and approval of instructor

# **MUSIC DEPARTMENT**

## **MARCHING/CONCERT BAND**

**Full Year**

**Grades 9-12**

Students are selected for marching band based on results of an audition held in the previous spring. Marching band begins with mandatory summer rehearsals and concludes at the end of football season. Members of the marching band will perform in local parades, at varsity football games, and at marching band competitions. Upon the conclusion of first semester, Band students will perform an audition for placement in a second semester band. Members of the concert band will have opportunities to participate in school concerts, solo and small ensemble festivals, and large group festivals. Attendance and participation at all scheduled performances and activities, including those outside the school day, are required of all students enrolled. Grades are determined by daily contribution to rehearsals, performance assessments and participation in all performances.

PREREQUISITE: Audition and approval of instructor

## **CONCERT BAND**

**Full Year**

**Grades 9-12**

The Concert Band is designed to provide instrumental music instruction for students who do not meet the prerequisites for marching band, or who do not accept a marching band assignment. Students enrolled in the Concert Band will receive large group, small group, and individualized instruction regarding musical technique, interpretation, and terminology. Upon the conclusion of first semester, Concert Band students will perform an audition for placement in a second semester band. Grades are determined by daily contribution to rehearsals, performance assessments, and participation in all performances.

PREREQUISITE: Audition and approval of instructor

## **BEGINNING GUITAR**

**Semester**

**Grades 9-12**

Beginning guitar concentrates on basics such as reading simple music notation, music symbols, strumming techniques, playing rhythmically simple melodies with diversified fingering, sight reading and understanding simple key signatures, scales and the chords associated with those scales. Students will learn to play notation smoothly and rhythmically.

PREREQUISITE: Each student must have a non-amplified guitar, an extra set of strings, and several picks.

**CONCERT CHOIR****Full Year Course****Grades 9-12**

The Concert Choir is an advanced choral ensemble at Pattonville High School. Concert Choir will emphasize advanced choral techniques and music of a classical nature for a large chorus. Advanced vocal and performance techniques, sight singing, ear training, elemental theory, and music interpretation will be emphasized each semester. All performances are mandatory.

**PREREQUISITE:** Placement in Concert Choir is by audition only. Students must demonstrate the fundamentals of proper choral singing techniques and the ability to sight-read a piece of music of moderate difficulty. Concert Choir is intended to follow Freshman Choir and Treble Choir.

**GENERAL MUSIC****Semester****Grades 9-12**

General Music offers the opportunity to study the fundamentals of music for the non-performer. Students enrolling need no previous instruction in music. Emphasis in the course will be on learning music notation and terms, different forms and style of music, major periods of music history, major composers, and the five different families of Instruments. Not recommended for students enrolled in performing music classes.

**PREREQUISITE:** None

**INDEPENDENT STUDY****Semester****Grades 11-12**

This is a course for the student who wants to continue study in a specific area of music beyond the regular course offerings. Such areas include: guitar study, piano study, or vocal study for competition or contest, accompanist for Jazz band, Concert choir or Treble choir, "Finale" study, individual theory study on computer, choir assistant conductor and student assistant for Piano Lab. Enrollment is permitted on a space available basis.

**PREREQUISITE:** Approval of instructor

**JAZZ ENSEMBLE****Full Year****Grades 9-12**

The Jazz Ensemble program offers opportunities for the study and performance of music in the jazz and pop-rock idiom. Emphasis will be placed on music theory, jazz history, and the development of individual musicianship and improvisational skills. These students will perform at many concerts and competitions on and off campus. Attendance and participation at all scheduled performances and activities, including those outside the school day, are required of all students enrolled. Grades are determined by daily contribution to rehearsals, performance assessments and participation in all performances.

**PREREQUISITE:** By audition with concurrent enrollment in Band or Orchestra and Approval of instructor



**MUSIC THEORY****Semester****Grades 11-12**

It is a must for students who want to pursue music after high school. The class will focus on aural training and reading/writing/analyzing music in various keys. Both rhythmic and harmonic dictation will be taught. The teacher will also work with students individually on ear-training and basic keyboard skills.

PREREQUISITE: Approval of instructor

**ORCHESTRA****Full Year****Grades 9-12**

Through playing: students can express themselves creatively, are able to listen with understanding, and are able to perform while using knowledge of notation and traditions, which enables them to learn new music independently throughout their lives. Music is an integral part of human history; therefore, the ability to listen with understanding is essential if students are to gain a broad and historical perspective.

The Orchestra program offers the opportunity for the study and performance of standard orchestral literature and more contemporary compositions. Numerous small ensembles will provide opportunities for the study of chamber music. Development of individual musicianship is emphasized throughout the year, and preparation of a solo and/or ensemble for district music contest is encouraged. Students enrolled may participate in the all-school musical during second semester. Attendance and participation at all scheduled performances and activities, including those outside the school day, are required of all students enrolled.

The orchestra program is divided into three ability-based performing groups:

**STRING ORCHESTRA**

The String Orchestra is the entry-level orchestra. Students in the group will perform in numerous concerts throughout the year. Additionally, the orchestra program typically travels to an out-of-state music festival each year on a volunteer basis

**CONCERT ORCHESTRA**

The Concert Orchestra is the middle-level orchestra. Students in the group will perform in numerous concerts throughout the year. The Concert Orchestra will also perform at the MSHSAA Large Ensemble Festival. Additionally, the orchestra program typically travels to an out-of-state music festival each year on a volunteer basis.

## **CHAMBER ORCHESTRA**

The Chamber Orchestra is the highest level orchestra. Students in the group will perform in numerous concerts throughout the year and at the MSHSAA Large Ensemble Festival. Students in this group will also perform for numerous on-campus activities and events. Additionally, the orchestra program typically travels to an out-of-state music festival each year on a volunteer basis. Students enrolled in this course may earn weighted grades by completing additional course requirements. Contact the instructor for information.

### **PIANO LAB 1**

**Semester**

**Grades 9-12**

An introductory course that will provide the basic skills necessary for playing the piano. Students will learn to read and play notes in both the treble and bass clefs, play basic scales and chords, use proper fingerings, posture and hand positions, and develop good practice skills. Students will perform on keyboards, and will be allowed to progress at their own personal rate within the class setting. Individual attention will be given to each student's need.

PREREQUISITE: None

### **PIANO LAB 2**

**Semester**

**Grades 9-12**

Continuation of Piano Lab 1

PREREQUISITE: Piano Lab 1 and approval of instructor.

### **CHAMBER CHOIR**

**Full Year**

**Grades 9-12**

Chamber Choir is an advanced small ensemble that will perform literature with an emphasis on a cappella singing. Advanced vocal and performance techniques, sight singing, ear training, elemental theory, and music interpretation will be emphasized each semester. All performances are mandatory.

PREREQUISITE: Placement in Chamber Choir is by audition only. Students must demonstrate the fundamentals of proper choral singing techniques and sight-read a piece of music of moderate difficulty. Students must have MSHAA eligibility to be selected for and to remain in the Chamber Choir. In addition, students **MUST BE ENROLLED IN A SECOND MUSIC CLASS**. Chamber Choir is an extension of the learning occurring in other choirs, but any musical performing ensemble will meet the requirement.

**TREBLE CHOIR****Full Year Course****Grades 9-12**

The Treble choir is an all girls choir and is an intermediate vocal ensemble. Treble Choir is intended for young women who would like to advance their singing skills beyond Freshman Choir, or would like to join choir as an upper-classman. Vocal and performance techniques, sight singing, ear training, elemental theory, and music interpretation will be emphasized each semester. All performances are mandatory.

**PREREQUISITE:** Placement in the Treble Choir is by audition only. Students must have successfully completed Freshman Choir, or be an upper-classman who shows musical potential.

**Band (Weighted Grade Option)****Grades 11-12 1 credit****Course Description**

Students are selected for marching band based on results of an audition held in the previous spring. Marching band begins with mandatory summer rehearsals and concludes at the end of football season. Members of the marching band will perform in local parades, at varsity football games, and at marching band competitions. Students who do not participate in the marching band rehearse each day in a concert band setting, and perform two concerts during the first semester. Students will focus on individual and ensemble skills in this class. Following football season, marching band and concert band members are divided into ability-based concert bands for second semester. Members of the concert band may have opportunities to participate in on-campus concerts, jazz band, pep band, solo and small ensemble festivals, and large group festivals. Attendance and participation at all scheduled performances and activities, including those outside the school day, are required of all students enrolled. Additionally, the band typically travels to an out-of-state music festival each year on a volunteer basis. Students enrolled in this course may earn weighted grades by completing additional course requirements. Contact the instructor for information.

**Orchestra (Weighted Grade Option)****Grades 11-12 1 credit****Course Description**

Through playing: students can express themselves creatively, are able to listen with understanding, and are able to perform while using knowledge of notation and traditions, which enables them to learn new music independently throughout their lives. Music is an integral part of human history; therefore, the ability to listen with understanding is essential if students are to gain a broad and historical perspective.

The Orchestra program offers the opportunity for the study and performance of standard orchestral literature and more contemporary compositions. Numerous small ensembles will provide opportunities for the study of chamber music. Development of individual musicianship is emphasized throughout the year, and preparation of a solo and/or ensemble for district music contest is encouraged. Students enrolled may participate in the all-school musical during second semester. Attendance and participation at all scheduled performances and activities, including those outside the school day, are required of all students enrolled. Students enrolled in this course may earn weighted grades by completing additional course requirements. Contact the instructor for information.

## Pattonville Instrumental Music Weighted Grade Information

This cover sheet is intended to provide essential details that might otherwise be unclear to staff and administrators who are not familiar with the PHS Instrumental Music Department curriculum and related activities.

Below is a list of topics related to the proposed point system that would determine whether a student has met the requirements for the weighted grade in band or orchestra.

1. Rationale for points earned through All-Suburban Band/Orchestra
  - A. Students must spend months preparing an extensive, rigorous set of musical excerpts. The music is a four-year rotation of musical works selected from major musical method books, major orchestral literature, etc. Even without earning a place in the All-Suburban Honors Ensemble, students will have studied advanced concepts that will enable them to participate at a higher level in their PHS ensembles.
  - B. If a student earns a place in the All-Suburban Honors Ensemble, there are at least four rehearsals they must attend, including an all-day session on a Saturday, before performing at the All-Suburban concert. This time alone requires much effort on the student's part, but they must also spend many hours learning the concert performance literature, which is completely different from the audition pieces. Furthermore, these students gain the opportunity to participate in rehearsals with many of the area's finest HS musicians while being coached by selected area band directors and a special guest clinician/conductor.
  - C. Band students who do not earn a place in an All-Suburban Honors Ensemble are not eligible to audition for the All-State Ensembles, so they cannot earn any points for anything that has to do with All-State.
  - D. Students who earn a place in an All-State Ensemble are truly among the finest student musicians in our state. They must learn a completely new set of musical literature, and attend the state music conference where they rehearse for nearly 8 hours per day for two and a half days ending with a performance in front of a couple thousand people. In addition, these students have opportunities to attend clinics and visit a large exhibit hall containing several brands of instruments and thousands of pieces of music/method books for purchase. The musical growth they experience through the All-State participation is immeasurable.
  - E. A gauge for estimating the number of students who might try to earn points for this at PHS: Fewer than 30 band students auditioned for All-Suburban in November 2009. Seven of them made it, and then auditioned for All-State. There, two of them made it. In the past, we have had as many as four band members make All-State at one time.
2. Rationale for points earned through concurrent enrollment in another PHS music class.
  - A. Certain musical elements are essential to any performer whether they perform in band, orchestra or choir. Students in multiple performing ensembles get additional practice with ear training, note reading, rhythm counting and balance/blending an individual sound into a large group. There may be as many as ten students who cross over between PHS performing ensembles in 09-10.
  - B. Students who enroll in a piano or guitar class have an opportunity to study music performance in a different way from their primary instrument. For example, standard band instrument students are only able to play one note at a time. PHS piano/guitar students learn how to play up to four notes at once and read notes on two different clefs simultaneously. This allows students to learn the melody to a song as well as learning the harmonization that outlines the piece.
  - C. Music Theory provides students with an opportunity to study the "behind the scenes" details of music such as how the melody is related to the chord structure, the mathematical relationship between notes in each quality of chord, ear training, etc.

Performing ensembles limit the amount of music theory concepts that can be covered in class due to the class sizes, performance preparation demands, etc.

3. Rationale for points earned through membership/participation in community music ensembles.
  - A. Students will be studying additional literature over and above their required class work.
  - B. Students will be required to practice more than if they were only enrolled in a PHS ensemble.
  - C. Students will gain additional performance experience.
  - D. Students who have to audition for a group will earn more points than a student who can earn membership without an audition.
  
4. Rationale for points earned through participation in the SLSMEA District Solo/Small Ensemble Festival and the MSHSAA State Music Festival.
  - A. Similar to the All-Suburban audition process, students must practice musical selections—different from those in played in their PHS classes—for several weeks (minimum) before performing in at the festival. This activity has shown to be valuable in furthering the musical growth of our students. For example, in a section of 12 violins it might be easy to hear of something is out of tune, but more difficult to identify who it is and then remedy the problem quickly. However, in an ensemble of three players it becomes easier to diagnose the problem which gets the students to the problem solving process quicker. They can then apply these skills in our larger ensembles.
  - B. While the PHS music staff members make themselves available for practice sessions outside of class, students are not given much time in class to prepare for this activity. So, they have to spend their own time rehearsing, looking up musical terms, using a digital tuner, working with a metronome, etc. Along with ownership of their performance, the students get to explore music in a deeper level because they are responsible for all aspects involved in the performance including setting the rehearsal schedule, deciding what excerpts to rehearse, how to correct mistakes, etc.
  - C. Students are able to earn different number of points based on the level of their performance. For example, a student who earns a 1-Rating (the highest) is considered Superior while a 3-Rating is considered Good. Students who earn below a 3-Rating would not earn points for this activity.
  - D. Only the students who earn a 1-rating at the District Festival are able to perform at the State Music Festival. All others would not be able to earn points for the State Festival. As a point of reference, 09-10 PHS Band students earned a total of ten 3-Ratings, twenty-four 2-Ratings and seventeen 1-Ratings (a new school record). Only those seventeen entries can participate in the State Music Festival.

## Pattonville Instrumental Music Weighted Grade Information

**Orchestra and Band classes offer a weighted grade for members who earn points through extra curricular activities and opportunities.**

### Application for Weighted Grade

Please print all requested information.

Student's Name \_\_\_\_\_

Grade Level \_\_\_\_\_

Course \_\_\_\_\_

Instructor \_\_\_\_\_

Semester \_\_\_\_\_

Date application filed \_\_\_\_\_

(NOTE: Application for weighted grade must be made before the start of the final grading period of each semester.)

In applying for a Music Department Weighted Grade, I hereby acknowledge that I am currently enrolled in the approved class listed above. Further, I acknowledge that I must meet all the basic requirements for the approved class and, in addition, satisfy the requirements for a weighted grade, as listed below. I understand that the weighted grade option is an exception - not a rule. If I receive an "A" in the class, but fail to accumulate the correct number of points, I realize that I will receive an un-weighted "A" in the class.

Student's Signature \_\_\_\_\_

I am committed to earning an academic grade of 90% or higher in the weighted music class.

If a grade of "A" was not earned, please explain circumstances.

\_\_\_\_\_

I am committed to earning a behavior grade of 1 and an effort grade of 1 in the weighted class.

\_\_\_\_\_

I am committed to demonstrating exemplary attendance: no unexcused absences or tardies.

If exemplary attendance was not demonstrated, please explain circumstances

\_\_\_\_\_

TO EARN A WEIGHTED GRADE, THE STUDENT MUST EARN 15 POINTS DURING EACH SEMESTER. The student will turn in a portfolio including programs, letters, paper, etc. as outlined in the information that follows.

THE POINTS MAY COME FROM ANY OF THE BELOW MENTIONED DISCIPLINES. POINTS MUST BE EARNED BEFORE THE FINAL DAY OF THE SEMESTER TO BE CREDITED TOWARD THAT SEMESTER'S WEIGHTED GRADE.

<b>Semester 1</b>	
ACTIVITY	POINTS
Audition for an All-Suburban Ensemble.	5
Membership and Participation in the All-Suburban Ensembles. You must complete your commitment with the group in order to earn the points. All performances and rehearsals are required.	5
Be selected as a member of a Missouri All-State Ensemble	10
Concurrent Enrollment in Music Theory Class, Piano Class or Guitar Must receive academic grade of "A" in the class	2
Concurrent enrollment in two bands at PHS	2
Concurrent enrollment in two orchestras at PHS	5
Concurrent enrollment in an additional PHS Music Department performing ensemble Must include a letter from instructor stating that you are a member of the ensemble.	1
Participation in community ensemble: Repertoire list and minimum of 12 rehearsals or services/concerts must be verified by director in a letter.	
Auditioned ensemble	3
Non-auditioned ensemble	1
Semester Jury graded by PHS Staff—musical requirements determined prior to the beginning of each semester.	
90% or above	7
80-89%	6
70-79%	5
Semester Project: Write a musical composition to be played by PHS students during the semester—details provided at project onset.	
90% or higher	10
	9
	8
Make an iMovie about a topic mutually agreed upon by student and PHS Music Department staff	7
Write a paper on a topic mutually agreed upon by student and PHS Music Department staff	5

<b>Semester 2</b>	
ACTIVITY	POINTS
Membership and performance in an All-State Ensemble	10
Pattonville HS Musical – Instrumentalist or singer/actor	5
<b>For the following opportunities, points would be awarded for each solo and/or ensemble performance at each festival.</b>	
Performance of solo/ensemble at Suburban Festival receiving a Superior rating	3
Performance of solo/ensemble at Suburban Festival receiving an Excellent rating	2
Performance of solo/ensemble at Suburban Festival receiving a rating of Good	1
Performance of solo/ensemble at State Festival receiving a Superior rating	3
Performance of solo/ensemble at State Festival receiving an Excellent rating	2
Performance of solo/ensemble at State Festival receiving a rating of Good	1
Enrollment in Music Theory Class, Piano Class or Guitar (See first semester outline)	2
Concurrent enrollment in two or more bands at PHS	2
Concurrent enrollment in two orchestras at PHS	5
Concurrent enrollment in an additional Music Department performing ensemble Must include a letter from instructor stating that you are a member of the ensemble.	1
Participation in community ensemble: Repertoire list and minimum of 12 rehearsals/concerts must be verified by director in a letter.	
Auditioned ensemble	3
Non-auditioned ensemble	1
Semester Jury graded by PHS Staff—musical requirements determined prior to the beginning of each semester.	
90% or above	7
80-89%	6
70-79%	5
Semester Project: Write a musical composition to be played by PHS students during the semester—details provided at project onset.	
90% or higher	10
80-89%	9
70-79%	8
Make an iMovie about a topic mutually agreed upon by student and PHS Music Department staff	7
Write a paper on a topic mutually agreed upon by student and PHS Music Department staff	5



## PHYSICAL EDUCATION

**\*ALL PHYSICAL EDUCATION COURSES ARE CO-ED\***

<b>COURSE NAME</b>	<b>GRADE LEVEL</b>	<b>SEMESTER OR FULL YEAR</b>	<b>PREREQUISITE</b>
9 <sup>th</sup> Grade P.E.	9	Semester	None
*Adaptive P.E.	9-12	Semester	None
Health	9-12	Semester	None
*Individual Sports	9-12	Semester	None
*Team Sports	10-12	Semester	None
Outdoor Adventure Activities	11-12	Semester	None
*Personal Fitness	10-12	Semester	None
*Power Walking	10-12	Semester	None
*Weight Training	10-12	Semester	Grade of "C" or better to repeat course
*World Dance	10-12	Semester	None
Intro to Sports Medicine	11-12	Semester	Health
Aquatics 1	10-12	Semester	None
Aquatics 2	10-12	Semester	Aquatics 1
Aquatic Fitness & Lifeguarding	10-12	Semester	Must be 15 years old

\*Students may repeat class for credit

## DRIVER'S EDUCATION

Driver Education	9-12	Semester	Age 15 by start of semester & Sight Restrictions Students will be prioritized by birthday.
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# PHYSICAL EDUCATION AND HEALTH

## \*ALL PHYSICAL EDUCATION COURSES ARE CO-ED\*

### 9<sup>th</sup> GRADE PHYSICAL EDUCATION

**Semester**

**Grade 9**

The 9<sup>th</sup> Grade Physical Education course is a combination of selected activities with emphasis on fundamentals. The activities will be of both an individual and a team nature. Physical fitness, cardiovascular, and basic fitness principles will be taught.

PREREQUISITE: None

### ADAPTIVE P.E.

**Semester**

**Grades 9-12**

This specialized course is designed for students who have special needs in both physical education and social aspects. Individual adaptations will be made to work on fine and gross motor skills. Students will also learn fitness and wellness concepts necessary to live a healthy life.

PREREQUISITE: None

### HEALTH (Graduation Requirement)

**Semester**

**Grades 9-12**

This course is designed to meet the needs of today's student in typical areas of concern. Including topics such as : communicable diseases, substance abuse, nutrition, lifestyle and wellness, consumer health, mental health, body systems and sex education and other topics pertaining to the development and care of a healthy body.

PREREQUISITE: None

### INDIVIDUAL SPORTS

**Semester**

**Grades 10-12**

This course is designed to be offered to 10-12 grade students. It consists of activities designed to promote lifetime fitness skills. Archery, bowling, golf, pickleball, and tennis are some of the activities. In addition a CPR certification course is taught.

PREREQUISITE: None

### TEAM SPORTS

**Semester**

**Grades 10-12**

This course is designed for students who want to continue to develop techniques and skills in physical activities. There is emphasis on strategies and team participation, and fitness concepts.

PREREQUISITE: None

**OUTDOOR ADVENTURE ACTIVITIES**  
**(O.A.A.)**

**Semester**

**Grade 11-12**

The physical education department recognizes the need of students to become aware of their environment and learn skills that would enable them to function efficiently in the outdoors. Through the introduction of various outdoor activities a student can develop interests and lifetime skills that can continue to be cultivated during the adult years. With a combination of outdoor skills and physical fitness, an individual could achieve a high level of personal fitness while developing outdoor adventure skills and respect and care of our environment. It is the purpose of this course to teach students to achieve fitness through outdoor activities in various types of climatic environments.

PREREQUISITE: None

**PERSONAL FITNESS**

**Semester**

**Grades 10-12**

This course is designed for students to extensively use the Fitness Center. Treadmills, bikes, rowers, steppers, aerobics, etc., will all be used in cardio-vascular training. Students will learn fitness and nutritional concepts to enhance their training program.

PREREQUISITE: None

**POWER WALKING**

**Semester**

**Grades 10-12**

This course is designed for 10, 11, and 12 grade students. This class is designed to stress the importance of cardiovascular, muscular, and mental fitness development for maintaining a healthy lifestyle.

PREREQUISITE: None

**WEIGHT TRAINING AND**  
**CONDITIONING**

**Semester**

**Grades 10-12**

This course will include the formation of a program composed of flexibility, strength, and cardiovascular fitness. Proper methods, theories, safety precautions, and correlating physical benefits will be stressed. Fitness tests will be administered.

PREREQUISITE: To repeat this course, students must have received at least a "C" in weight training previously.

**WORLD DANCE**

**Semester**

**Grades 10-12**

This course is designed for sophomores through seniors. It will emphasize activities to promote lifetime fitness skills through participation in cultural dance. Students will demonstrate knowledge through dance skill demonstration, participation, and written exams of dance history, music, costumes and equipment.

PREREQUISITE: None

**INTRODUCTION TO SPORTS  
MEDICINE**

**Semester**

**Grades 11-12**

This semester long elective course is designed to educate all students who have an interest in or participate in athletics. Students will learn about basic anatomy, injuries common to athletics, injury prevention and care. Students will also be introduced to a variety of professions in the area of sports medicine. *This elective course may not substitute for a P.E. course which is a graduation requirement.*

**AQUATICS 1**

**Semester**

**Grades 10-12**

This course will promote cardiovascular fitness through participation in a variety of aquatic activities. Non-swimmers will be provided with a strong foundation to progress toward becoming a competent swimmer through the American Red Cross' "Learn to Swim" program. Emphasis will be placed on buoyancy and breathing, entries and exits, and personal safety. These topics will be presented in a variety of methods including skill and game-related activities.

PREREQUISITE: None

**AQUATICS 2**

**Semester**

**Grades 10-12**

This course is designed for the advanced swimmer. Students will increase their skill level in all strokes, diving, water safety, fitness and recreational games. Individual conditioning program through lap swimming based on ability will be developed.

PREREQUISITE: None

**AQUATIC FITNESS AND  
LIFEGUARDING**

**Semester**

**Grades 10-12**

In this course students will gain endurance through aquatic fitness activities and learn the skills necessary to become a certified lifeguard. The program developed by the American Red Cross will be taught and used for certification. This class is for the advanced swimmer. Students must be (or turn) age 15 to enroll in this class.

PREREQUISITE:

## ***DRIVER EDUCATION***

### **DRIVER EDUCATION**

**Semester**

**Grades 9-12**

This course is designed to meet the needs of young people in the community who want to complete the Missouri State Department of Education approved course. Sixty (60) hours of classroom instruction, twelve (12) hours of simulation, fifteen (15) hours of in car observation, and three (3) hours of in class driving experience are needed to meet State requirements.

**PREREQUISITE:** Student must be 15 years of age at the beginning of the semester and their eyesight, with or without glasses, must be at least 20/40 with either or both eyes to be eligible for the student permit. **Placement in class is prioritized by birth date.**

# MISCELLANEOUS

**9<sup>th</sup> ACADEMIC LAB (non-credit)**                      **Semester**                      **Grade 9 only**  
9th grade academic lab consists of ninth grade students only. Junior or senior mentors who have been trained in our PALS (Peer Assisted Leadership) program will periodically lead activities designed to aid in freshman transition to high school. Study time will be provided as well.

**ACADEMIC LAB (non-credit)**                      **Semester**                      **Grades 9-12**  
Students can use this time to complete homework/see teachers.

PREREQUISITE: None

**ACT PREP**    **Semester**                      **Grades 11-12**

ACT Prep is for students who are serious about wanting to improve their ACT scores. Using materials provided by the Princeton Review, students will learn strategies and content specifically designed for the ACT test. Subjects covered are English, Reading, Math, and Science Reasoning. During the semester, students will take three ACT practice tests provided and scored by the Princeton Review.

PREREQUISITE: None

**COLOR GUARD**    **First Semester Only**                      **Grades 9-12**

The Color Guard meets the first semester with the Marching Band. The members of the guard are expected to participate in Band activities, as they prepare to be part of the "field" with the Band. The students will learn to do precision drills with flags and marching routines.

PREREQUISITE: Audition and consent of director

**PEER ASSISTANCE AND LEADERSHIP**  
**PALS**    **Full Year**                      **Grades 11-12**

PALS students are selected by application. Selected students are trained in active listening, problem solving, conflict mediation, and mentoring and leadership skills. Skills are taught through role-playing, discussion team building activities, and community service projects. Each student selected for this class must serve as a mentor in a freshman academic lab where they will put the skills learned in the classroom into practice assisting freshmen with the transition to high school. This class is a two-period commitment and the course grade is based on the student's performance in the classroom, and as a mentor.

PREREQUISITE: By Application

**STUDENTS AS MENTORS****Semester****Grade 11-12**

This course is designed as an option for juniors and seniors that are working toward completing the A+ Schools 50 hour tutoring requirement. Students will leave PHS campus every "A" and "B" day (that the elementary and middle schools are in session) and report to a PSD classroom to tutor younger students. Students will report to the PHS classroom for the first 5-10 days of the semester for training and placement. Students will be required to submit weekly journals and timecards to the PHS teacher and have 2-3 reflective activities/assignments throughout the semester. **STUDENTS MUST PROVIDE THEIR OWN TRANSPORTATION.** Students are not allowed to ride together for this class. (Students will receive ½ an elective credit and tutoring hours for participation in this class.)

Criteria for Students as Mentors class:

Students must meet A+ requirements

- Enrollment in A+ Program (can enroll upon entering class)
- 2.25 cumulative G.P.A.
- Good record of citizenship (verified with A+ office)
- Must have their own transportation

**iLearn HELP DESK 1****Semester****Grades 10-12**

iLearn Help Desk 1 is a course to provide students with the information and skills necessary to technically analyze hardware and software problems, effectively communicate with customers, and enhance 21<sup>st</sup> Century media skills. A hybrid or blended learning environment will offer students self-paced online learning units of study coupled with hands-on learning experiences in the iLearn Service Center.

PREREQUISITE: iLearn Application Acceptance

**iLearn HELP DESK 2****Semester****Grades 10-12**

This course is a continuation of iLearn Help Desk 1 with a focus on technology support, media literacy, programming, leadership, and community service. A hybrid or blended learning environment will offer students self-paced online learning units of study coupled with hands-on learning experiences in the iLearn Service Center.

PREREQUISITE: iLearn Help Desk 1

## **PEER WRITING TUTOR**

**Semester**

**Grade 12**

Peer Writing Tutors is a not-for-credit class in the Writing Center. Writing tutors work with students on editing and revising papers while learning skills on the computer. The benefits of being a tutor include the opportunity to improve one's own writing, work on contest entries, and to confer with other students about writing. Tutors must learn to boot up machines, save student texts, edit with Apple Writing, and try new programs. The Writing Center staff will train the tutors the first few weeks of the semester. Tutors may also help put together the literary magazine and work on Emerald Reflections. All applicants must submit a completed application to the Writing Center. We are limited to using two tutors per hour per semester.

PREREQUISITE: None

## **AUDITING A CLASS**

**Only seniors** are eligible to audit a class. Reasons for auditing a class include:

1. An opportunity to repeat a class, which was previously taken and passed but a higher skill level is desired by the student for success in college.
2. An opportunity to explore an area such as art or music without fear of failure which might negatively affect the G.P.A.

### **Criteria for Auditing**

1. A form must be completed and submitted prior to the beginning of the semester in which the auditing will begin.
2. Every possible alternative must be explored before auditing is possible.
3. The teacher must approve of the audit and write academic expectations for the student.
4. The class audit does not qualify for credit but a pass or fail grade will be recorded on the transcript. The grade does not figure into the G.P.A. and the class does not qualify for the College Preparatory Certificate.
5. The student must attend the class every day, participate in class, and meet the expectations set by the teacher.
6. The principal must approve of the audit.



## **AP and College Credit Courses**

AP or Advanced Placement is a nationally recognized curriculum that could provide you with college credit. You may earn the credit by completing an AP course and scoring well on the national AP test for that subject. The test is currently scored on a five-point scale, with five as the highest score. Each college has the right to set the score that they will accept for college credit. Check with the college of your interest for further information. Because it is a national curriculum, it is accepted in many states that will not accept college credit from our local universities and/or colleges.

### **AP courses currently offered at Pattonville High School (grade level):**

AP Language & Composition (12)  
AP Art History (11-12)  
AP Spanish (11-12)  
AP European History (10-12)  
AP Psychology (11-12)  
AP U.S. Government (12)  
AP United States History (11)  
AP Statistics (11-12)  
AP Calculus (12)  
AP Biology (11-12)  
AP Chemistry (10-12)  
AP Environmental Science (11-12)  
AP Physics (11-12)  
AP Microeconomics (11-12)  
AP Macroeconomics (11-12)  
AP Computer Science A (11-12)  
AP Studio Art (11-12)

### **Students may take certain courses for College Credit through Saint Louis University or UMSL for a fee. PHS offers the following courses for College Credit:**

CC Debate/Public Speaking (10-12)  
CC English (12)  
CC French 3 (10-12)  
CC French 4 (11-12)  
CC French 5 (11-12)  
CC German 3 (10-12)  
CC German 4 (11-12)  
CC German 5 (11-12)  
CC Spanish 3 (10-12)  
CC Spanish 4 (11-12)  
CC Spanish 5 (11-12)  
CC Women, Gender and Diversity (11-12)  
CC Calculus (12)  
CC Environmental Science (11-12)  
CC Forensic Science (11-12)

## **INDIVIDUALIZED COURSES**

(Enrollment by Special District Staff Approval Only)

### **INDIVIDUALIZED MATH 1**

**Full Year**

**Grades 9-12**

The individualized Math I uses lesson settings and situations that are familiar and motivational to students. These settings help students to see a connection between the math taught in the classroom and the math used in everyday living.

### **INDIVIDUALIZED MATH 2**

**Full Year**

**Grades 10-12**

This course will help students relate to real life situations they may encounter such as decision making, determining wages and deductions, banking budgeting, borrowing, and understanding credit transactions. Taxes will also be addressed.

### **INDIVIDUALIZED MATH 3**

**Full Year**

**Grades 9-12**

Applied Pre-Algebra is a course designed for students with a limited background in fundamental math skills. This course provides an introduction to algebraic concepts at a slower pace, and in a smaller group setting. This course is designed to integrate the core mathematics curriculum with discussions, problem solving experiences and concrete applications.

### **INDIVIDUALIZED MODERN US HISTORY**

**Semester**

**Grades 9-12**

Individualized Modern US History uses alternative materials, a small group setting, and slower paced instruction to meet the individual needs of the students while following the Pattonville curriculum as closely as possible. The students study people and events of the past to develop an understanding of the present world.

### **INDIVIDUALIZED ENGLISH 1**

**Full Year**

**Grades 9-12**

Freshman grammar and composition is a required course in writing and grammar. Instruction will include parts of speech, phrases, clauses, usage, mechanics, sentence structure, spelling, and vocabulary. The student will apply the above instruction on the process of writing to construct well-written, correct paragraphs, and multi-paragraph compositions.

This course will be individualized to meet the needs of students in order to improve their ability to read, understand, and remember a variety of materials. Students will study vocabulary extensively. Students will read a variety of short stories and books. There will also be instruction in study skills.

### **INDIVIDUALIZED ENGLISH 2**

**Full Year**

**Grades 10-12**

World Literature will be individualized in order to give the student knowledge of the basic forms of literature: short story, poetry, play, novel, biography, and essay. The student will read the works of a variety of world authors in order to study their techniques and to learn to identify the structure of the material read. The reading selections will be arranged around literary form rather than nationality or the author chronology.

**INDIVIDUALIZED ENGLISH 3****Full Year****Grades 11–12**

English 11 is a required course that focuses on American Literature and writing. Students will be required to read various short stories and compose writings that show understanding.

**COMMUNITY BASED  
VOCATIONAL INSTRUCTION****Full Year****Grades 9-12**

The Community Based Vocational Instruction (CBVI) is a course designed to provide an opportunity for Pattonville students to learn skills necessary for transition to post-secondary employment. This course will develop appropriate interpersonal skills and generalize job-related skills from the classroom experience to the world of work. This course is designed to enhance the development of the student's functional skills as site volunteers.

PREREQUISITE: IEP placement determines enrollment in CBVI.

**READING AND LITERACY****Semester****Grades 9-12**

Reading and Literacy is designed to improve the literacy skills in decoding, fluency, and comprehension of those students identified as reading at or below a 6<sup>th</sup> grade level. By the end of this course, students will be able to decode, read fluently and comprehend written material at an 8<sup>th</sup> grade level or better.

**FUNCTIONAL CLASSROOM****Semester or Full Year****Grades 9-12**

The Functional classroom is designed to support students requiring a functionally based program based on the student needs identified through the Individual Education Plan. This class will embed the following concepts into daily instruction: Functional Job Skills, Functional Mathematics, Functional Living Skills and Social Skills.

PREREQUISITE: IEP Placement determines enrollment in the Functional Classroom.

**LANGUAGE ACADEMIC LAB****Semester****Grades 9-12**

Students (with an educational diagnosis in Speech/Language) who have experienced academic difficulties, or wish to have time built into their school day to complete assignments will have the option of choosing to enroll in a Language Academic Lab. This course is taught by a Special School District Speech/Language Pathologist who will focus on supporting content area curriculum and working on IEP goals.

PREREQUISITE: Enrollment in this course is an IEP team decision. Also, the student MUST have an educational diagnosis in the area of Speech/Language. (no credit)

**MODIFIED COOPERATIVE WORK  
EXPERIENCE PROGRAM  
(Modified COOP)**

**Full Year**

**Grades 10-12**

Modified Cooperative Work Experience Program/modified COOP is a partnership between the Division of Vocational Rehabilitation, Pattonville High School and Special School District to assist students with disabilities in earning school credit while participating in school directed, supervised paid work experiences. This course is limited to students age 16 and above who's IEP (Individual Education Plan) reflects a need for work experience in a competitive setting and who are eligible as clients of Vocational Rehabilitation.

**RESOURCE ACADEMIC LAB**

**Semester**

**Grades 9-12**

Students who have experienced academic difficulties, or wish to have time built into their school day to complete assignments will have the option of choosing to enroll in a Resource Academic Lab. This course is taught by a Special School District teacher that will focus on supporting content area curriculum and working on IEP goals. (no credit)

Prerequisite: Enrollment in this course is an IEP team decision.

**PREPARING FOR TRANSITION**

**Full Year**

**Grade 12 and COOP only**

Technology and comprehensive transition resources are utilized to prepare for realistic post-secondary transition. Students develop senior transition portfolios designed to support their specific needs after graduation, including planning and preparing for a career, transportation, independent living and social skills. Students who enroll in this class must be seniors or participants in Pattonville's Modified COOP Program and have a current Individualized Education Plan (IEP)

Note: Students should not be concurrently enrolled in the Career Based Vocational Program.

**SOCIAL SKILLS**

**Full Year**

**Grades 9-12**

Students enrolled in this course work on improving communication skills, self-advocacy, and social skills. Conflict resolution, positive ways to handle stress (coping skills), and other life skills will be addressed.

# **ALTERNATIVE PROGRAMS**

## **POSITIVE SCHOOL**

The POSITIVE School is an alternative school for students who have not been successful in the traditional school setting. Students enter the POSITIVE School through administrative or counselor referrals from the high school.

The small classes (maximum of 15 students) enable teachers to know each student so instruction can be structured to meet individual needs. As an integral part of the high school, POSITIVE School students have the same graduation requirements as the high school, receive the same diploma, and participate in the high school's graduation ceremony.

If you would like to know more about POSITIVE School, please call 213-8052.

## **TECHNICAL SCHOOLS**

Students may enroll in North County Technical School in cooperation with Pattonville High School on a half-day basis. Some may choose to enroll full time. Students may apply for acceptance with one of these schools for a morning or afternoon session and specialize in a specific career skill. The core curricular subjects are then taken at Pattonville High School for the balance of the day.

Application included in this booklet and is available in the Guidance Office.

## **ACE LEARNING CENTER**

Pattonville is contracting with the ACE Learning Center to provide an off-campus, alternative educational program for students who are at-risk of dropping out of school. Students must be referred for the program by their assistant principal and counselor and must meet entry criteria.

## **What are Career Paths/Career Clusters??**

Career Paths are clusters of occupations that require different levels of education and training. People working in a career path share interests, abilities and talents. Career paths help you identify a career focus without being locked into a specific occupation. All paths include a variety of occupations that require different levels of education.

Understanding and use of the career paths helps students, parents, and counselors develop the student's four-year sequence of high school classes. Students should consider their interests, abilities, and talents to choose one of the six broad career pathways. The intent is NOT for students to decide on a specific occupation for the rest of their lives, but to focus on a broader career path to help them select school courses.

## **What If Students Change Their Minds?**

- A career path choice is NOT a permanent commitment.
- As students have new experiences, they may discover more about themselves and develop new interests. Students may decide on a new career path. Students and parents can adjust future course selections accordingly.

## **How Can Parents & Adults Help?**

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

## **Benefits of Career Paths for Students**

- Career paths provide a plan for students, regardless of their interests, abilities, talents, or desired levels of education.
- Career paths provide students with areas of focus, along with flexibility, and a variety of ideas to pursue as they make decisions regarding course selections.

INSERT CAREER COLORED SHEETS HERE