

**POPLAR BLUFF
SENIOR HIGH SCHOOL**

2017-2018

**CAREER & EDUCATION
PLANNING GUIDE**

9TH, 10TH, 11TH, & 12TH GRADE COURSES

OUR MISSION:

PBHS will challenge all students to achieve their
greatest potential.

High School Courses

Page #	Credit Type - Title of Course–Course #	Grade	Duration	Credit	Prerequisite
Language Arts					
12	LA - LA I-Transitional - 0040	9	Year	1	None
12	LA- LA I - 0014	9-12	Year	1	None
12	LA - LA I – Advanced - 0015	9	Year	1	Yes
12	LA - LA II - 0025	10-12	Year	1	None
12	LA - LA II Advanced - 0026	10	Year	1	Yes
13	LA -LA III - 0036	11-12	Year	1	None
13	LA III – Advanced - 0038	11	Year	1	Yes
14	LA - British Literature I - 0046	12	SEM	.5	None
15	LA - British Literature II - 0047	12	SEM	.5	None
13	LA - English Composition - 0048	12	Year	1	Yes
13	LA - TRC College Writing - 0055	11-12	SEM	0.5	Yes
14	LA - TRC Advanced College Writing - 0054	11-12	SEM	0.5	Yes
14	LA - AP English Composition - 0051	12	Year	1	Yes
15	LA – Journalism I - 0132	9-11	SEM	0.5	Yes
15	LA – Digital Broadcasting I – 0143	9-10	SEM	0.5	None
15	LA - Bible as Literature - 0200	11-12	SEM	0.5	None
15	LA – Journalism II - 0134	10-12	Year	1.0	Yes
14	LA – Mythology - 0060	11-12	SEM	0.5	None
Mathematics					
17	MA - Pre-Algebra - 2043	9-12	Year	1.0	None
17	MA - Algebra I - 2050	9-12	Year	1.0	Yes
17	MA – Discrete Math I - 2026	9-12	Year	1.0	Yes
17	MA – Geometry - 2062	9-12	Year	1.0	Yes
17	MA – Discrete Math II - 2028	10-12	Year	1.0	Yes

Page #	Credit Type - Title of Course–Course #	Grade	Duration	Credit	Prerequisite
17	MA - Algebra II - 2060	10-12	Year	1.0	Yes
18	MA - Pre-Calculus - 2080	11-12	Year	1.0	Yes
18	MA – Calculus - 2091	11-12	Year	1.0	Yes
18	MA – Intermediate College Algebra - 2093	11-12	Year	1.0	Yes
18	MA - TRC College Algebra - 2095	11-12	SEM	0.5	Yes
18	MA - TRC Trigonometry - 2094	11-12	SEM	0.5	Yes

Science

20	SC - Physical Science - 7040	9-12	Year	1.0	None
20	SC - Physical Science -Advanced - 7045	9	Year	1.0	Yes
20	SC - Earth Science - 7003	10-12	Year	1.0	None
20	SC – Biology - 7020	11-12	Year	1.0	None
21	SC - TRC Biology - 7090	11-12	Year	1.0	Yes
21	SC - AP Biology - 7080	12	Year	1.0	Yes
20	SC – Chemistry I - 7050	10-12	Year	1.0	Yes
21	SC – TRC Chemistry (Chem II) - 7065	11-12	Year	1.0	Yes
21	SC - AP Chemistry - 7063	11-12	Year	1.0	Yes
21	SC - AP Physics I - 7071	11-12	Year	1.0	Yes
22	SC - Anatomy & Physiology - 7095	11-12	Year	1.0	Yes
22	SC – Astronomy - 7031	9-12	SEM	0.5	None
22	SC - Forensic Science - 7010	11-12	SEM	0.5	None
22	SC - Meteorology - 7035	9-12	SEM	0.5	None

Social Studies

Page #	Credit Type - Title of Course—Course #	Grade	Duration	Credit	Prerequisite
24	SS - American History - 1031	9-12	Year	1.0	None
24	SS - American History Advanced - 1035	9	Year	1.0	Yes
24	SS - World History - 1011	10-12	Year	1.0	None
24	SS - World History Advanced - 1015	10	Year	1.0	Yes
24	SS - American Government - 1001	11-12	Year	1.0	None
25	SS - American Government Advanced - 1005	11	Year	1.0	Yes
26	SS - AP US Government & Politics - 1091	12	Year	1.0	Yes
26	SS - AP US History - 1170	12	Year	1.0	Yes
25	SS - TRC Am History to 1877 - 1150	11-12	SEM	0.5	Yes
25	SS - TRC National & State Government - 1160	12	SEM	0.5	Yes
26	SS - TRC World Civilization to the Renais - 1155	11-12	SEM	0.5	Yes
26	SS - TRC World Civilization Since the Renais-1165	11-12	SEM	0.5	Yes
25	SS - Criminal Justice - 1130	11-12	SEM	0.5	Yes
27	EL – Psychology - 1050	10-12	SEM	0.5	None
27	EL – Sociology - 1060	10-12	SEM	0.5	None
27	SS – Geography – 1021	9	SEM	0.5	None
27	EL - Contemporary Issues - 1142	11-12	SEM	0.5	None
27	SS - Missouri Constitution Project - 1075	9-12	SEM	0.5	Yes

Fine Arts

Drama					
28	FA - Drama I - 1021	9-12	SEM	0.5	None
28	FA - Drama II - 1026	9-12	SEM	0.5	Yes
Art					
28	FA - Intro to Art - 3011	9-12	SEM	0.5	None
28	FA - Art Appreciation - 3012	9-12	SEM	0.5	None
28	FA - Art II - 3020	10-12	Year	1.0	Yes

Page #	Credit Type - Title of Course–Course #	Grade	Duration	Credit	Prerequisite
28	FA - Art III - 3030	11-12	Year	1.0	Yes
29	FA - Art IV - 3050	12	Year	1.0	Yes
29	FA – Drawing & Painting - 3025	10-12	SEM	0.5	Yes
29	FA – Sculpture - 3035	10-12	SEM	0.5	Yes
Music					
29	FA - Wind Ensemble - 6029	9-12	Year	1.0	Yes
29	FA - Concert Band - 6032	9-12	Year	1.0	Yes
29	FA - Studio Jazz Band - 6075	9-12	Year	1.0	Yes
29	FA – Spring Jazz Band - 6076	9-12	SEM	0.5	Yes
30	FA - March Band Color Guard - 6070	9-12	SEM	0.5	Yes
30	FA - Marching Percussion - 6033	9-12	SEM	0.5	Yes
30	FA - Concert Choir - 6050	9-12	Year	1.0	Yes
30	FA - Mixed Chorus - 6040	9-12	Year	1.0	Yes
30	FA - World Percussion Ensemble - 6021	9-12	SEM	0.5	None
30	FA -Music Appreciation - 6060	9-12	SEM	0.5	None
31	FA – Guitar - 6044	9-11	SEM	0.5	None
31	FA - Advanced Guitar - 6047	9-12	SEM	0.5	Yes
Practical Arts					
Agriculture					
35	PA - Agricultural Science I - 8201	9-10	Year	1.0	None
35	PA - Agricultural Science II - 8202	10-12	Year	1.0	Yes or Jr/Sr
35	PA – TRC Agribusiness Sales & Marketing & Management - 8246	11-12	Year	1.0	Yes
35	PA – Agricultural Power – 8241	11-12	SEM	0.5	Yes
35	PA – Agricultural Structures - 8242	11-12	SEM	0.5	Yes
36	PA – Animal Science - 8226 - (Fall Only)	10-12	SEM	0.5	Yes

Page #	Credit Type - Title of Course–Course #	Grade	Duration	Credit	Prerequisite
36	PA – Biotechnology - 8231	9-12	SEM	0.5	None
36	PA – Conservation of Natural Resources - 8230	9-12	Year	1.0	None
36	PA – Floriculture - 8223 - (Spring Only)	9-12	SEM	0.5	None
36	PA - Green House Operation - 8215 (Spring Only)	11-12	SEM	0.5	Yes
36	PA - Landscaping - 8220 (Fall Only)	11-12	SEM	0.5	Yes
	Business & Personal Finance				
37	PA - Accounting I - 4040	11-12	Year	1.0	None
37	PA - Accounting II - 4045	12	Year	1.0	Yes
37	PA - Business Communication - 4077	9-12	SEM	0.5	None
37	PA - Banking and Financial Services - 4080	9-12	SEM	0.5	None
37	PA - Business & Personal Law - 4090	10-12	SEM	0.5	None
38	PA - Business Technology - 4075	10-12	Year	1.0	None
38	PA - Computer Applications - 4010	9-12	Year	1.0	None
38	PA - Introduction to Business - 4111	9-12	SEM	0.5	None
38	PA – Multimedia Desktop Publishing I – (YEARBOOK) 9162	10-12	Year	1.0	Yes
38	PA - Multimedia Desktop Publishing II - (YEARBOOK) 9163	10-12	Year	1.0	Yes
38	PA - Web Design I - 9165	9-12	Year	1.0	None
38	PA - Web Design II - 9167	11-12	Year	1.0	Yes
34	PA - Personal Finance - 4100	10-12	SEM	0.5	None
38	PA - Introduction to Coding - 9155	9-12	SEM	0.5	None

Page #	Credit Type - Title of Course–Course #	Grade	Duration	Credit	Prerequisite
	Family Consumer Sciences				
39	PA - Basic Food & Nutrition - 5010	9-11	SEM	0.5	None
39	PA - Adv Foods & Nutrition – 5050	9-12	SEM	0.5	Yes
39	PA - Cultures & Cuisines - 5060	9-12	SEM	0.5	Yes
40	PA - Senior Survival - 5031	12	SEM	0.5	None
39	PA - Child Development, Care, & Guidance - 5040	10-12	SEM	0.5	None
39	PA - Family Relations - 5080	10-12	SEM	0.5	None
40	PA - Fashion Design and Merchandising - 5115	10-12	SEM	0.5	None
40	PA - Nutrition & Wellness - 5070	9-12	SEM	0.5	None
40	PA - Housing and Management - 5140	10-12	SEM	0.5	None
	JROTC				
41	PA - JROTC I - 9710	9-12	Year	1.0	None
41	PA - JROTC II - 9720	10-12	Year	1.0	Yes
41	PA - JROTC III - 9730	11-12	Year	1.0	Yes
41	PA - JROTC IV - 9740	12	Year	1.0	Yes
	Marketing & MCE				
42	PA – MCE – 11 TH 9051 or 12 TH 9052	11-12	Year	1.0	Yes
42	PA - Introduction to Marketing - 9015	9-12	SEM	0.5	None
42	PA - Marketing I - 9013	11-12	Year	1.0	None
42	PA - Marketing II - 9020	11-12	Year	1.0	Yes

Page #	Credit Type - Title of Course–Course #	Grade	Duration	Credit	Prerequisite
	TCC Courses				
43	PA – Automotive Collision Repair I - 8070	11	Year	3.0	Yes
43	PA – Automotive Collision Repair II - 8080	12	Year	3.0	Yes
43	PA - Automotive Service Technology I - 8030	11	Year	3.0	Yes
43	PA - Automotive Service Technology II - 8040	12	Year	3.0	Yes
43	PA - Building Trades I - 8010	11	Year	3.0	Yes
43	PA - Building Trades II - 8020	12	Year	3.0	Yes
44	PA - Computer Graphics & Printing Tech I - 8090	11	Year	3.0	Yes
44	PA - Computer Graphics & Printing Tech II - 8100	12	Year	3.0	Yes
44	PA - Computer Maintenance Tech I - 8050	11	Year	3.0	Yea
44	PA - Computer Maintenance Tech II - 8060	12	Year	3.0	Yes
44	PA – Cosmetology - 8400	12	Year	8.0	Yes
44	PA - Culinary Arts I - 8170	11	Year	3.0	Yes
44	PA - Culinary Arts II - 8180	12	Year	3.0	Yes
45	PA - Health Occupations - 8130	12	Year	3.0	Yes
45	PA - Heating Ventilation Air Conditioning Refrigeration I -8150	11	Year	3.0	Yes
45	PA - Heating Ventilation Air Conditioning Refrigeration II - 8160	12	Year	3.0	Yes
45	PA - Welding and Fabrication I - 8110	11	Year	3.0	Yes
45	PA - Welding and Fabrication II - 8120	12	Year	3.0	Yes

Page #	Credit Type - Title of Course–Course #	Grade	Duration	Credit	Prerequisite
Physical Education and Health					
33	PE - 9th Grade Physical Education – Boys – 6110 Girls - 6120	9	Year	1.0	None
33	PE - Cardiovascular/Weight Training - 6114	10-12	Year	1.0	Yes
33	PE - Weight/Cardiovascular Training - 6113	10-12	Year	1.0	Yes
33	HE – Health - 6090	9-12	SEM	0.5	None
Foreign Language					
32	EL - Spanish I - 0301	9-11	Year	1.0	None
32	EL - Spanish II - 0302	10-12	Year	1.0	Yes
32	EL - Spanish III - 0303	11-12	Year	1.0	Yes
32	EL - Spanish IV - 0304	12	Year	1.0	Yes
Other Elective Courses					
46	EL – Leadership - 9969	10-12	Year	1.0	Yes
46	EL - Library Science - 9265	11-12	Year	1.0	Yes
46	EL - A+ Tutoring - 9301	11-12	SEM	0.5	Yes
46	EL - Cadet Teaching - 9310	11-12	SEM	0.5	Yes
46	EL - Help Desk - 8552	9-12	Year	1.0	Yes
40	EL – Speech - 0100	9-12	SEM	0.5	None
47	Independent Study Guidelines	12	N/A	N/A	N/A
48	Sample High School Paths	9-12	N/A	N/A	N/A
49	Graduation Requirements	9-12	N/A	N/A	N/A

GRADUATION REQUIREMENTS

4 UNITS OF LANGUAGE ARTS

3 UNITS OF SOCIAL STUDIES (required: Am. History, World History, and Am. Gov.)

3 UNITS OF MATH

3 UNITS OF SCIENCE

1 UNIT OF PRACTICAL ARTS (Agriculture, Business, FACS, Industrial Arts, JROTC
Marketing, MCE or TCC Courses)

1 UNIT OF FINE ARTS (Art, Music, or Drama)

1 UNIT OF PHYSICAL EDUCATION

.5 UNIT OF HEALTH

.5 UNIT OF PERSONAL FINANCE

7 UNITS OF ELECTIVES to be chosen to fulfill the requirements of a career path.

24 UNITS TOTAL

COMMUNICATION ARTS

4 UNITS OF LANGUAGE ARTS CREDIT REQUIRED TO GRADUATE

9

LA I – TRANSITIONAL (YEAR)

LA I – (YEAR)

LA I – ADVANCED (YEAR)

10

LA II – (YEAR)

LA II ADVANCED – (YEAR)

11

LA III – (YEAR)

LA III ADVANCED – (YEAR)

College Writing (1st semester) Advanced College Writing (2nd semester)

12

Students attending college upon graduation should take one of the following:

- English Composition (year)
- College Writing (1st semester) Advanced College Writing (2nd semester)
- AP Literature and Composition (year)

ELECTIVES

Students not attending college may choose from the following courses to fulfill the fourth required Language Arts credit. These courses are also open to students who wish to take electives in English beyond the required four units of credit.

- British Literature I (1st semester) (12th grade only)
- British Literature II (2nd semester) (12th grade only)
- Bible as Literature (Year, 1st or 2nd semester) (12th & 11th grades only)
- Mythology (either semester) (12th & 11th grades only)
- Journalism I (11th, 10th, & 9th grades only)
- Digital Broadcasting I (9th & 10th grades only)
- Journalism II (12th, 11th, & 10th grades only)

FRESHMAN LANGUAGE ARTS

LA I-Transitional (0040)

Two Semesters Daily: 1 Unit

Prerequisite: teacher and/or department recommendation

This course is designed to improve students' reading comprehension and writing. Students will develop skills to improve vocabulary and critical thinking. In writing, the emphasis will be on grammar and sentence and paragraph structure. This course may be taken in conjunction with LA I and is designed to improve the students' literacy competencies for increased academic success in high school.

LA I: (0014)

Two Semesters Daily: 1 Unit

In this course three major areas will be stressed: grammar, composition, and literature. Students will learn to write a good sentence and to arrange sentences into cohesive, intelligent paragraphs. The writing emphasis will be on sentence structure, grammatical precision, word study, spelling, and clarity of thought. In this course the student will read fiction and non-fiction and will study great themes predominant in literature. Students will improve their skills in reading and comprehension. Students will be required to read novels outside of class in addition to any in-class reading assignment textbooks and novels.

LA I-ADVANCED: (0015)

Two Semesters Daily: 1 Unit

Prerequisites: (1) a B- average in 8th grade honors or an A- average in regular, (2) teacher recommendation from 8th grade English teacher, and (3) parent and student signature on the Poplar Bluff Advanced English commitment form. Students who desire to enroll in this course who have not achieved the minimum grade requirement and/or are not recommended by their current teacher must meet with the principal.

This rigorous pre-Advanced Placement course will emphasize vocabulary, world literature, composition and grammar for the advanced student willing to take on these academic challenges. Students will write complex sentences, organize cohesive paragraphs, and compose essays. Writing emphasis will be on sentence structure and clarity of thought. Basic elements of fiction, such as irony, symbolism and theme from short stories, poems, drama and the novel will be emphasized. Students will be required to read novels outside of class in addition to any in-class reading assignments from textbooks and novels. Summer reading is also required. The challenging nature of the coursework for Advanced English classes, obligations for reading and writing beyond the time spent in class, and focus on independence in study require a commitment from students. Keeping up with class work is essential. Students who do not achieve at least at the B- level are encouraged to return to regular English. **This course is weighted in calculating GPA.**

SOPHOMORE LANGUAGE ARTS

LA II: (0025)

Two Semesters Daily: 1 Unit

In this course three major areas will be stressed: grammar, composition, and literature. The course will emphasize improving the students' writing style, grammatical precision, paragraph unity and coherence, as well as emphasize improving the students' reading comprehension. In this course the student will read fiction and non-fiction and will study great themes predominant in literature. Students will improve their skills in reading and comprehension. Students will be required to read novels outside of class in addition to any in-class reading assignments from textbooks and novels.

LA II-ADVANCED (0026)

Two Semesters Daily: 1 Unit

Prerequisites: (1) a B- average in LA-I Advanced OR an A- average in LA-I, (2) teacher recommendation from 9th grade English teacher, and (3) parent and student signature on the Poplar Bluff Advanced English commitment form.

This rigorous pre-Advanced Placement course will emphasize American literature, composition, grammar, and vocabulary for advanced students willing to take on these academic challenges. Literature will begin with the Puritans and continue through the modern era. Compositions will relate to the literature and will include learning the elements of the research paper. Students will be required to read novels outside of class in addition to any in-class reading assignments from textbooks and novels. Summer reading is also required. The challenging nature of the coursework for Advanced English classes, obligations for reading and writing beyond the time spent in class, and focus on independence in study require a commitment from students. Keeping up with class work is essential. Students who do not achieve at least at the B- level are encouraged to return to regular English. **This course is weighted in calculating GPA.**

JUNIOR LANGUAGE ARTS

LA III (0036)

Two Semesters Daily: 1 Unit

This course combines a study of American literature from Colonial times to the modern era with composition, grammar review, and vocabulary. Students will further develop their writing and thinking skills. Emphasis is also placed upon preparation for the workplace and/or college. Students will be required to read novels outside of class in addition to any in-class reading assignments from textbooks and novels.

LA III-ADVANCED: (0038)

Two Semesters Daily: 1 Unit

Prerequisites: (1) a B- average in LA-II Advanced OR an A- average in LA-II, (2) a score of proficient or advanced on the EOC English II, (3) teacher recommendation from 10th grade English teacher, and (4) parent and student signature on the Poplar Bluff Advanced English commitment form. Students who desire to enroll in this course who have not achieved the minimum grade or EOC II requirements and/or are not recommended by their current teacher must meet with the principal.

This rigorous pre-Advanced Placement course will emphasize British literature from the Anglo/Saxon era to modern times, emphasizing the historical background and the development of language. Emphasis will also be placed on composition, grammar, and vocabulary for advanced students willing to take on these academic challenges. Students will be required to read novels outside of class in addition to any in-class reading assignments from textbooks and novels. Summer reading is also required. The challenging nature of the coursework for Advanced English classes, obligations for reading and writing beyond the time spent in class, and focus on independence in study require a commitment from students. Keeping up with class work is essential. Students who do not achieve at least at the B- level are encouraged to return to regular English. **This course is weighted in calculating GPA.**

SENIOR LANGUAGE ARTS

ENGLISH COMPOSITION: (0048)

Two Semesters Daily: 1 Unit

Prerequisites: (1) Passing LA III Advanced or a B- in LA III and (2) teacher recommendation from 11th grade English teacher.

A course for college-bound seniors, English Composition is designed to strengthen writing through the study of sentence structure, paragraphing, vocabulary building, and mechanics. Students are encouraged to be creative, to use clear thinking, and good organization. Students are taught the value of careful proofreading and editing of their own work. Stress is placed on descriptive and expository writings and the critical analysis of various types of literature: short stories, essays, novels, and poetry. The challenging nature of the coursework for a college preparatory course, obligations for reading and writing beyond the time spent in class, and focus on independence in study require a commitment from students. Keeping up with class work is essential.

TRC COLLEGE WRITING: (0055)

One Semester Daily: .5 Units

First Semester Only

Prerequisite: 20 on ACT English subtest and 20 on ACT Reading subtest **OR** 70 on Compass Writing subtest and 81 on Compass Reading subtest.

Juniors: a B- in LA-II Advanced or an A- in LA-II and/or dept. approval.

For Seniors Only: Any senior with department approval.

This course introduces students to college level writing and establishes standards for writing essays in the rhetorical modes. Expository writing is used as a basis for study and discussion with extensive practice in reading critically and improving essays through revision. Students will also learn to conduct research using library and internet sources following MLA – Modern Language Association and APA – American Psychological Association guidelines.

To receive the college credit, students must pay TRC tuition and rent a text from TRC. Students will be required to purchase a handbook and Pearson Lab with this course. **This course is weighted in calculating GPA.**

TRC ADVANCED COLLEGE WRITING: (0054)

One Semester Daily: .5 Units

Second Semester Only

Prerequisite: TRC College Writing with grade of "C" or better.

This course focuses on extended critical inquiry, in-depth library and electronic research, and extensive practice with argumentative academic writing. Students will apply concepts of critical thinking to argumentative and persuasive communication. In addition, student will apply appropriate research and documentation techniques and evaluate source materials.

To receive the college credit, students must pay TRC tuition and rent a text from TRC. **This course is weighted in calculating GPA.**

ADVANCED PLACEMENT (AP) ENGLISH COMPOSITION: (0051)

Two Semesters Daily: 1 Unit

Prerequisites: (1) at least a B- LA III Advanced, B in TRCC College Writing, or A- in LA III, (2) teacher recommendation from 11th grade English teacher, and (3) parent and student signature on the Poplar Bluff Advanced Placement English commitment form. Students who desire to enroll in this course who have not achieved the minimum grade requirements and/or are not recommended by their current teacher must meet with the principal and the instructor.

A course for college-bound seniors who desire to engage in a rigorous course of study, it is designed to prepare students to take the Advanced Placement test in Literature and Composition. The following is taken from the College Board's AP Course Description Manual: An AP English Literature and Composition course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style, and themes, as well as smaller-scale elements as the use of figurative language, imagery, symbolism, and tone. Students will study novels, plays, short stories, and poetry, and respond through discussion posts, in-class timed writings, and extended essays. Students will also complete research over assigned literary topics. In addition, students must complete an extensive summer reading assignment. The extremely challenging nature of the coursework, the obligations for reading and writing beyond the time spent in class, and the focus on independence in study require a huge commitment from students. Keeping up with assigned work is essential. **This course is double weighted in calculating GPA.**

BRITISH LITERATURE I (from its beginning to 1660) (0046)

One Semester Daily: .5 Unit of credit: First Semester Only

For Seniors Only (This course is NOT open to any student who earned credit in LA III Advanced.) This senior course is designed to meet the requirement for one half of the fourth credit of English. The course focuses on reading British literature from its beginnings to the Restoration as well as writing, grammar, and vocabulary. Students will be required to read novel-length works outside of class in addition to in-class reading assignments.

British Literature is not necessarily a college preparatory course; some elements of preparation will be covered but not as extensively as in English Composition, TRC College Writing, or AP Literature and Composition. *Students preparing for college should enroll in one of those courses.*

BRITISH LITERATURE II (from 1660 to the 20th Century) (0047)

One Semester Daily: .5 Unit of credit: Second Semester Only

For Seniors Only (This course is NOT open to any student who earned credit in LA III Advanced)

This senior course is designed to meet the requirement for one half of the fourth credit of English. The course focuses on reading British literature from the Restoration to the 20th Century as well as writing, grammar, and vocabulary. Students will be required to read novel-length works outside of class in addition to in-class reading assignments. British Literature is not necessarily a college preparatory course; some elements of preparation will be covered but not as extensively as in English Composition, TRC College Writing, or AP Literature and Composition. *Students preparing for college should enroll in one of those courses.*

MYTHOLOGY (0060)

One Semester Daily: .5 Unit

Open to Juniors and Seniors

This course is designed to teach students the mythologies of the world. Writing and research will be expected of the student.

BIBLE AS LITERATURE (0200)

Two Semesters Daily: 1 Unit

Open to Juniors and Seniors

This literature course uses a unique book, the NIV Study Bible by Zondervan, as the text. Students will develop reading skills, technology usage, and writing skills through a variety of assignments including creating a magazine. This literature course challenges students to develop critical thinking skills through using the *NIV Study Bible* and meets the Missouri Show-Me Standards for a literature course. Students will be required to complete several hours of reading and other assignments outside of class each week.

JOURNALISM I (0132)

One Semester Daily: .5 Unit

Prerequisite: Passing current English class with at B-.

Open to Freshmen, Sophomores, and Juniors

This course is designed to give students a broad overview of the field of journalism. It is primarily a writing course with emphasis on print and media newspaper style, as well as graphic design.

JOURNALISM II (0134)

Two Semesters Daily: 1 Unit

Prerequisite: Beginning Journalism, passing current English class and teacher approval

Open to Sophomores, Juniors, and Seniors

This course is geared to highly motivated students who are interested in learning writing, editing, layout, and design skills. Students will develop a broad range of skills in writing all types of news articles, editorials, features, sports, columns, and reviews. In addition, students will learn about photography and graphic design. This course may be repeated, but will only count as 1 English credit of the 4 needed to graduate. The consecutive years will count as elective credits.

DIGITAL BROADCASTING I (0143)

One Semester Daily: .5 Unit

Open to Freshmen and Sophomores

This is an introductory course that explores the industry of Broadcast Media. Students learn the basic fundamentals of broadcast production, including writing, producing, and computer editing. Students receive basic training in photography and videography techniques using digital technology to create various broadcasts for TV and the Internet.

MATHEMATICS

3 UNITS OF MATH CREDIT ARE REQUIRED TO GRADUATE

MATH CONCEPTS

PRE-ALGEBRA (YEAR)
ALGEBRA I (YEAR)
DISCRETE MATH I (YEAR)
GEOMETRY (YEAR)

College-Bound Without Math Emphasis

PRE-ALGEBRA (YEAR)
ALGEBRA I (YEAR)
DISCRETE MATH I (YEAR)
GEOMETRY (YEAR)
DISCRETE MATH II (YEAR)
ALGEBRA II (YEAR)

College-Bound With Math Emphasis

GEOMETRY - 9TH GRADE (YEAR)
DISCRETE MATH II (YEAR)
ALGEBRA II (YEAR)
PRE-CALCULUS (YEAR)
CALCULUS (YEAR)
INTERMEDIATE COLLEGE ALGEBRA (YEAR)
COLLEGE ALGEBRA (SEMESTER)
TRC TRIGONOMETRY (SEMESTER)

PRE-ALGEBRA (2043)

Two Semesters Daily: 1 Unit

Prerequisite – 8th grade math with C, D, or F, 8th grade Algebra I F: Pre Algebra with an F

Open to all students

Pre-Algebra contains fundamental concepts necessary, to prepare a student for success in Algebra 1. This course is designed to help the student understand the math needed to work in a world full of technology. This course will include fractions, graphs, basic geometry, algebraic equations, and statistics. The objective of this course is to prepare students for more advanced courses in mathematics.

ALGEBRA I (2050)

Two Semesters Daily: 1 Unit

Prerequisite – 8th grade math A or B 8th grade Algebra I with A, B, C or D (scoring basic or below basic on EOC): Pre-Algebra with an A, B, C or D: Algebra I with an F

Open to all students

Algebra I will provide the student with a foundation in the basic concepts and skills of algebra and geometry. An emphasis is given to variables, graphs, rational numbers, solving equations, inequalities, exponents, and polynomials. The objective of this course is to prepare the student for more advanced courses in mathematics.

DISCRETE MATH I – (2026)

Two semesters Daily: 1 unit

Prerequisite- 8th grade Algebra I with A,B,C,D (scoring proficient on EOC) Algebra 1 with C or D, Bridges to Geometry with an F

Open to all students

Discrete Math I will require students to explore complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Emphasis is placed on using deductive reasoning in the analysis of topics such as parallel lines, circles, polygons congruence, similarity, area, volume, and probability. The objective of this course is to prepare the student for more advanced courses in mathematics

GEOMETRY (2062)

Two Semesters Daily: 1 Unit

Prerequisite – 8th grade must have an A in Algebra I and **advanced on the Algebra 1 EOC**: Algebra I with an A, B, C: Bridges to Geometry A,B,C, D Geometry with an F

Open to all students

Geometry will provide the student with foundations of skills by combining Algebra I with geometric skills. An emphasis is given to constructions, proofs, parallel and perpendicular lines, triangles, quadrilaterals, similarity, trigonometry, transformations, area, and volume. The objective of this course is to prepare the student for more advanced courses in mathematics.

DISCRETE MATH II - (2028)

Two semesters Daily: 1 unit

Prerequisite – Geometry with a C or below

Open to Sophomores, Juniors, and Seniors

Discrete Math II will build on their work with linear, quadratic and exponential functions; students extend their repertoire of functions to include polynomial, rational, and radical functions. Students will continue to refine their abilities to model situations and to solve equations. Topics will include solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. The objective of this course is to prepare the student for more advanced math courses.

ALGEBRA II (2060)

Two Semesters Daily: 1 Unit

Prerequisite – Geometry with an A or B: Bridges to Algebra II with a D or better: Alg II with an F

Open to Sophomores, Juniors, and Seniors

Algebra II will provide practice in topics of Algebra I while Algebra II skills are introduced and practiced. An emphasis is given to functions, equations, graphs, linear systems, matrices, quadratic equations, polynomials, radical functions, logarithmic functions, rational functions, and conic sections. The objective of the course is to prepare the student for College entrance exams, chemistry, physics, and more advanced math courses.

INTERMEDIATE COLLEGE ALGEBRA (2093)

One or Two semesters Daily: 1 Unit

Prerequisite – Algebra II with A,B,C, or D: Pre-Calculus with D, F: teacher recommendation

Open to Juniors and Seniors

Intermediate College Algebra is a computer based course to prepare students for the mathematics necessary for success on college placement, ACT and SAT tests. Topics include those found in a typical college entry-level math course.

Course content includes algebraic concepts, geometry, number systems and theory, probability and statistics, trigonometry, and discrete math topics

PRE-CALCULUS (2080)

Two Semesters Daily: 1 Unit

Prerequisite – Algebra II: A, B, or C: Bridges to College Algebra: A, B, C, or D

Open to Juniors and Seniors

Pre-Calculus will provide practice in the skills of algebra, geometry, and trigonometry, while advanced topics are introduced and practiced. An emphasis is given to coordinate systems in two dimensions, linear functions, limits and derivatives of functions. The objective of the course is to prepare the student for college level study and advanced courses in mathematics. The individual must be interested in and have an enthusiastic appreciation for mathematics to be successful at this level of math. **This course is weighted when calculating GPA.**

CALCULUS I (2091)

Two Semesters Daily: 1 Unit

Prerequisite - Pre-Calculus A, B, or C: 28 or higher on ACT math subtest (needed for college credit)

Open to Seniors

Calculus is a course focusing on the differential and integral calculus functions of one real variable. An emphasis is given to the techniques of solving problems. This is not an AP class. The objective of the course is to prepare the student for advanced placement at the college level. **This course is weighted when calculating GPA.**

TRC COLLEGE ALGEBRA (2095)

One Semester Daily: .5 Unit

Prerequisite: Completed all 16 modules in Intermediate College Algebra: 23 or higher on ACT math subtest or qualifying Accuplacer score (see your counselor) AND

Juniors: a **B+** in Algebra II (**both semesters**) and/or dept. approval.

Seniors: a passing grade in Algebra II and/or dept. approval.

This is a calculator-oriented course concerned with the properties of the various number systems, matrices, equations, inequalities, functions, relations, and probability. **This course is weighted when calculating GPA.**

TRC TRIGONOMETRY (2094)

One Semester Daily: .5 Unit

Semester Two only

Prerequisite – College Algebra

Open to Juniors and Seniors

This is a course concerned with circular functions, trigonometric functions, identities conditional equations and solution of triangles. This course has been designed to help the student understand the math needed to work and live. An emphasis on probability, factoring, and basic trigonometry, will be stressed. **This course is weighted when calculating GPA.**

SCIENCE

3 UNITS OF SCIENCE CREDIT ARE REQUIRED TO GRADUATE

PBHS Required/Recommended Science Courses

9th Grade	10th Grade	11th Grade	12th Grade
Physical Science <u>Approval Required:</u> Adv. Physical Science <u>Electives:</u> Astronomy Meteorology	Earth Science <u>Approval Required:</u> Chemistry I Biology <u>Electives:</u> Astronomy Meteorology	Biology <u>Approval Required:</u> Chemistry I TRC Chemistry (Chem II) AP Chemistry AP Physics I Anatomy and Physiology TRC Biology <u>Electives:</u> Forensic Science Astronomy Meteorology	None Required <u>Approval Required:</u> Chemistry I TRC Chemistry (Chem II) AP Chemistry Anatomy and Physiology TRC Biology AP Biology AP Physics I <u>Electives:</u> Forensic Science Astronomy Meteorology

General Requirements for Graduation from PBHS:

Physical Science
 Earth Science
 Biology

Additional Suggested Courses for College Bound Students:

Chemistry I
 TRC Biology (check College for transferability)

Additional Suggested Courses for College Bound Students with Science Emphasis:

AP Biology or TRC Biology (Students may not take both courses)
 AP Chemistry or TRC Chemistry (Students may not take both courses)

Specifically for Medical/Health Occupation Emphasis: Anatomy and Physiology

Specifically with a Physics/Engineering Emphasis: AP Physics I

PHYSICAL SCIENCE (7040)

Two Semesters Daily: 1 Unit

Open to all Freshmen

It is an introduction to physics and introduction to chemistry. The topics will include but not be limited to scientific method, SI measurement, motion, forces, work, energy, power, structure and states of matter, atomic theory and the periodic table, chemical reactions, acids and bases, and nuclear reactions.

PHYSICAL SCIENCE – ADVANCED (7045)

Two Semesters Daily: 1 Unit

Prerequisite: Algebra I with at least an A- average and 8th grade science with at least an A- average and science dept approval.

Open to all Freshmen

This is a rigorous freshman-level course. It is an active and applied introduction to physics and chemistry. Successful participation requires sound understanding and usage of the mathematics and arithmetic covered in Algebra I. The topics covered will include, but are not limited to scientific method, SI measurement with significant figures using scientific notation, motion, forces, work, energy, power, the structure and states of matter, atomic theory and the period table, chemical reactions, acids and bases, and nuclear reactions. Students accepted into this course will also be required to participate and complete any additional reading, writing, or presentational components included within the year. **This course is weighted in calculating GPA.**

EARTH SCIENCE (7003)

Two Semesters Daily: 1 Unit

Open to all sophomores

This course will include, such topics as plate tectonics, geology, pollution and the human impact on resources, the hydrologic cycle, space science, and weather and climate.

BIOLOGY (7020)

Two Semesters Daily: 1 Unit

Required for Juniors

Open to select Sophomores as determined jointly by science department.

This course covers living organisms focusing on structures and function at all levels of organization. Topics include scientific method, cell structure and function, cell division, photosynthesis and cellular respiration, the structure and function of RNA and DNA, genetics, natural selection, and ecology. This is an EOC tested course.

CHEMISTRY I (7050)

Two Semesters Daily: 1 Unit

Prerequisites:

Physical Science with at least an A average AND Algebra I with at least an A average and science dept approval, OR Advanced Physical Science with at least a B+ average AND Geometry with at least a B+ average AND science dept approval, OR

Earth Science with at least a B+ average AND either Geometry or Algebra I with at least a B+ average and science dept approval, OR

Biology as a Junior with at least a B average and at least a current B+ average in math AND science dept approval.

Open to Sophomores, Juniors, and Seniors who meet the course prerequisites. This course is designed to familiarize the student with basic chemistry concepts, principles, and terminology. Intensive application of upper level algebra is required of all students in successfully completing this course. Topics to be studied include the composition of matter and how elements react to form new substances, energy and its transformations, mathematical relationships in chemical formulas and equations, and proper laboratory procedures. Successful completion of Chemistry I will allow the student to make an easy transition into Chemistry II which is suggested for all students preparing to attend college and major in the sciences. **This course is weighted in calculating GPA.**

TRC CHEMISTRY (CHEM II) (7065)

Two Semesters Daily: 1 Unit.

Prerequisite: Chemistry I with at least a B- average AND Algebra II with at least a C- (or concurrent with Algebra II and at least a B previously in geometry) AND science department approval. (It is strongly recommended that Algebra II be completed prior to taking Chemistry II.)

Open to Juniors and Seniors

This is an advanced chemistry course to students having a desire to get a detailed and complete view of chemistry. The units covered in this course are: measurement; elements, compounds, and chemical reactions; stoichiometry; reactions in aqueous solutions; oxidation-reduction reactions; energy and chemical changes; the quantum mechanical atom; chemical bonding and molecular structures; properties of gases; intermolecular attractions. The text and laboratory work required for this course are college level, requiring a dedicated effort by the student in order to succeed. Dual credit through TRC is also available for students who pay all required fees and expenses. **This course is weighted in calculating GPA.**

ADVANCED PLACEMENT (AP) CHEMISTRY (7063)

Two Semesters Daily: 1 Unit.

Prerequisite: Chemistry I with at least a B average AND a passing grade in Algebra II (or concurrent Algebra II enrollment) and science department approval. (It is strongly recommended to complete Algebra II prior to Chemistry II enrollment.)

Open to Juniors and Seniors

This course is an Advanced Placement, rigorous, college-preparatory course in which chemistry is taught from a mathematical viewpoint. It is only offered to those students who have a desire to get a more detailed and complete view of chemistry beyond the successful completion of Chemistry I. The primary purpose of this course is to prepare students for college chemistry. This course uses a college-level text and the Advanced Placement Course guidelines which prepare students to take the AP test for college credit, if they wish. The text and laboratory work required for this course is college level, requiring a dedicated effort by the student in order to be successful. **This course is double weighted in calculating GPA.**

ADVANCED PLACEMENT (AP) PHYSICS I (7071)

Two Semesters Daily: 1 Unit

Prerequisite: Completion of Geometry AND Algebra II with a minimum of a B+ (or concurrent with Algebra II or an equivalent or more rigorous math course, with a minimum of a B+ in the previous math class and science) AND science department approval.

Open to Juniors and Seniors (Sophomores require special permission to apply for approval and must meet all prerequisites.)

This course is rigorous and equivalent to a first-semester college course in algebra-based physics. It includes but is not limited to Newtonian mechanics (including rotational dynamics and angular momentum, work, energy, and power, mechanical waves, sound, and introduces electric circuits. **This course is double weighted in calculating GPA.**

ADVANCED PLACEMENT (AP) BIOLOGY (7080)

Two Semesters Daily: 1 Unit

Prerequisite: Biology with at least an A- Semester average and successful completion of Chemistry I and with science dept. approval.

Open to Seniors

This is an inquiry-based, elective course open only to **seniors** who have successfully completed biology (juniors who have successfully completed biology may only take this course with prior science department approval). This course is a rigorous and demanding, college preparatory course in which biology is taught from an atomic/molecular viewpoint. Statistical analysis of data and modeling concepts will also be explored. Only students with strong chemistry and math backgrounds and motivation to work independently should take this course. **This course is double weighted in calculating GPA. Students must choose between TRC Biology and AP Biology. They may not take both courses.**

TRC GENERAL BIOLOGY (7090)

Two Semesters Daily: 1 Unit

Prerequisite: Biology with at least a B+ Semester average AND Qualifying ACT or Accuplacer score (see counselor).

Open to Seniors or Juniors

This elective course is open only to students who have previously taken Biology. This course emphasizes knowledge of the basic concepts in the field of life science including energetics, control mechanisms, organization, inheritance, and interaction with the environment. The student will receive dual credit from Three Rivers College (five total semester hours for passing both first and second semesters, collectively). To receive the college credit, students must remit all required and associated fees and achieve a qualifying standardized test score. Students may only take either TRC Biology or AP Biology, but not both of them. **This course is weighted in calculating GPA. Students must choose between TRC Biology and AP Biology. They may not take both courses.**

ANATOMY AND PHYSIOLOGY (7095)

Two Semesters Daily: 1 Unit

Prerequisite: Biology with at least a B+ Semester average AND science approval.

Open to Juniors and Seniors

This course provides a focus on the structure and function of the human body. It is an advanced and demanding course that requires independent work on the student's part. The course will include but not be limited to these topics: terminology, histology, integumentary system, skeletal system, muscular system, nervous system, cardiovascular system, lymphatic system, digestive system, urinary system, and reproductive system. Students taking this course will be expected to actively participate in class discussions, activities, laboratories, dissections, student-led presentations, exams and lab practicals. The intent of this course is to prepare students for readiness for post-high school education in the field of healthcare/medicine. **This course is weighted in calculating GPA.**

ASTRONOMY (7031)

One Semester Daily: .5 Unit

Open to all students

It is designed to familiarize students with Earth's movements and its relationships to the sun, moon, and planets. An in-depth study of the planets, galaxies, lives of stars, comets, and black holes will be included.

FORENSIC SCIENCE (7010)

One Semester Daily: .5 Unit

Prerequisite: Biology and Chemistry I or Earth Science

Open only to juniors or seniors

It is to be taken either concurrently with or following the successful completion of the third required science course. Forensic Science provides an introduction to the topics of criminology within the field of forensic science. Study includes the applications of concepts from the areas of biology, chemistry, physics and geology to analyze and investigate evidence that may be discovered in a criminal investigation. Classroom activities include experiments, projects, case studies and the incorporation of technology. Laboratory applications will include use of the microscope and gel electrophoresis.

METEOROLOGY – (7035)

One Semester Daily: .5 Unit

Open to all students

This course begins the exploration of topics in weather and weather forecasting. It will focus on the structure and function of the atmosphere, and weather forecasting methodology. Topics will include atmospheric basics, weather patterns, fronts, storms, severe weather, climate, and climate change. By the end of the course, students will be able to make their own weather forecasts using real scientific data as support.

SOCIAL STUDIES

3 UNITS OF SOCIAL STUDIES CREDIT ARE REQUIRED TO GRADUATE

(REQUIRED: AMERICAN HISTORY, WORLD HISTORY, & AMERICAN GOVERNMENT)

9

AMERICAN HISTORY (YEAR)
AMERICAN HISTORY ADVANCED (YEAR)

10

WORLD HISTORY (YEAR)
WORLD HISTORY ADVANCED (YEAR)

11

AMERICAN GOVERNMENT (YEAR) ALL JUNIORS MUST TAKE
AMERICAN GOVERNMENT ADVANCED (YEAR)

11 AND 12

ELECTIVES:

TRC AMERICAN HISTORY TO 1877 (SEMESTER)
TRC NATIONAL AND STATE GOVERNMENT (12th ONLY) (SEMESTER)
TRC WORLD CIVILIZATION TO THE RENAISSANCE (SEMESTER)
TRC WORLD CIVILIZATION SINCE THE RENAISSANCE (SEMESTER)
AP US HISTORY (12th ONLY) (YEAR)
AP US GOVERNMENT AND POLITICS (12th ONLY) (YEAR)
CRIMINAL JUSTICE (MUST HAVE COMPLETED OR BE CONCURRENTLY ENROLLED IN AMERICAN
GOVERNMENT) (SEMESTER)
PSYCHOLOGY (SEMESTER)
SOCIOLOGY (SEMESTER)
CONTEMPORARY ISSUES (SEMESTER)
GEOGRAPHY (9TH ONLY) (SEMESTER)
MISSOURI CONSTITUTION PROJECT (ALL STUDNETS) (SEMESTER)

9th AMERICAN HISTORY (1031)

Two Semesters Daily: 1 Unit

Open to Freshman

This is a required course for freshman. American History emphasizes the events and forces that have shaped the growth of our nation from the Civil War to the present time. The presentation of these events and forces has a dual purpose. Objectively, the student is expected to acquire a sound factual knowledge of the American heritage. Subjectively, the student is encouraged to inquire as to how this heritage relates to the emergence of the United States from a rather isolated, rural, agrarian country into the leading international, urbanized, industrialized, nation of the modern world.

9th AMERICAN HISTORY – ADVANCED (1035)

Two Semesters Daily: 1 Unit

Open to Freshman

Prerequisites: (1) Students must have at least an A- in their 1st semester of American History and must have approval from their Jr. High Social Studies Department (based on a knowledge of rigorous nature of the course). (2) Students must submit a 5-paragraph essay of a writing prompt provided by the High School Social Studies Department. A faculty member will proctor this essay. Students must score a "C" or higher on the essay to be considered for the course.

This course meets the American History graduation requirement. American History emphasizes the events and forces that have shaped the growth of our nation from the Civil War to the present time. The presentation of these events and forces has a dual purpose. Objectively, the student is expected to acquire a sound factual knowledge of the American heritage. Subjectively, the student is encouraged to inquire as to how this heritage relates to the emergence of the United States from a rather isolated, rural, agrarian country into the leading international, urbanized, industrialized, nation of the modern world. **This course is weighted in calculating GPA.**

WORLD HISTORY (1011)

Two Semesters Daily: 1 Unit

Open to Sophomores

This course is a required course for sophomores. World History is designed to teach the student that present day situations have evolved from events of the past. A special emphasis will be placed on how contemporary world society has been affected by the past. The development of law and government, the place of religion, and the contribution of philosophy and education over time will be given a proper emphasis. At the conclusion of this course the student should have an understanding that the heritage of the past is simply the foundation upon which the present operates and the future is being developed. A variety of teaching techniques will be used to accommodate many student needs.

WORLD HISTORY-ADVANCED (1015)

Two Semesters Daily: 1 Unit

Prerequisite: a C average in American History Advanced OR an A- average in American History and/or dept. approval.

Open to Sophomores

This course meets the World History graduation requirement. It is strongly advised that this course be recommended only for students that expect a very rigorous coursework with heavy emphasis on advanced level writing and cognitive abilities. It is designed to better prepare students for advanced placement and college level courses. Students in this course should expect a rigorous level of coursework and a commitment to time outside of class used for development of the understandings of World History. Students will be expected to complete bi-weekly document based, writing assignments, essays with each test, and a research paper each semester. Students will be expected to have developed advanced study skills, be very skilled in writing, and should also possess advanced analytical and interpretive skills. This course stresses the causes and effects of political, economic, and social events in human development throughout the world with special emphasis on Western Civilization. **This course is weighted in calculating GPA.**

AMERICAN GOVERNMENT (1001)

Two Semesters Daily: 1 Unit

Open to all Juniors

American Government is the study of the duties, rights, and responsibilities of citizenship. This course is designed to give the students the necessary background in government, economics, and the process of socialization to meet his future rights, responsibilities, and duties in our society. This course will include the study of the Missouri and United States Constitution. Students must pass both the Missouri and US Constitution exams in order to graduate. Student will also be required to take an End of Course Exam, which will count as 10% of their final grade.

AMERICAN GOVERNMENT – ADVANCED (1005)

Two Semesters Daily: 1 Unit

Prerequisite: a C in World History Advanced OR an A- average in World History and/or dept approval.

Open to all Juniors

This course meets the American Government graduation requirement. In this rigorous course, students will be expected to have advanced analytical and writing skills. It is strongly advised that this course be recommended only for students that expect a very rigorous coursework with heavy emphasis on advanced level writing and cognitive abilities. It is designed to better prepare students for AP and college level courses. Students will also be required to have a commitment to completing several advanced writing assignments outside of class. These assignments may include, but are not limited to research completed outside of class as well as outside of class group activities. American Government is the study of the duties, rights, and responsibilities of citizenship. This course is designed to give the students the necessary background in government, economics, and the process of socialization to meet their future rights, responsibilities, and duties in our society. This course will include the study of the Missouri and United States Constitution. Students must pass both the Missouri and US Constitution exams in order to graduate. Students are required to take an End of Course Exam which will count 10% of their final grade. **This course is weighted for calculating GPA.**

CRIMINAL JUSTICE (1130)

One Semester Daily: .5 Unit

Open to Juniors and Seniors (must be concurrently enrolled in American Government or already completed American Government)

This Social Studies elective course will offer a variety of topics including law enforcement, court procedures, criminal investigations, police administration, and constitutional law. The history of law, crimes, and justice will be examined. The course is highly recommended for anyone who plans to major in any criminal justice or police science program in college. Homework, reading, and outside of class research will be completed during this course.

TRC AMERICAN HISTORY TO 1877 (1150)

One Semester Daily: .5 Unit

Prerequisite: qualifying ACT or COMPASS score (see counselor) AND

Juniors: a B-in World History Advanced or an A- in World History and/or department approval.

Open to Seniors ONLY with department approval.

This course requires students to possess very strong reading comprehension skills as well as a strong work ethic to include, but are not limited to a commitment of time to prepare outside of class. As expected by Three Rivers College, this course will be evaluated by exams covering multiple chapters and quizzes. American History to 1877 is an in depth study of American civilization to reconstruction. As required by Three Rivers College, students will complete several online essays using primary sources via Blackboard. The final exam will be comprehensive, which will include an online essay and an in-class comprehensive exam. Political, economic, social, and cultural factors that made America a world leader will be studied. Students completing, American History to 1877, will earn both high school credit and 3 hours of credit from Three Rivers College. **This course is weighted in calculating GPA.**

TRC NATIONAL AND STATE GOVERNMENT (1160)

One Semester Daily: .5 Unit

Prerequisite: qualifying ACT or COMPASS score (see counselor) AND

Open to Seniors ONLY with department approval.

This course requires students to possess very strong reading comprehension skills as well as a strong work ethic to include, but are not limited to a commitment of time to prepare outside of class. As expected by Three Rivers College, this course will be evaluated by exams covering multiple chapters and quizzes. Students will also be required to study the Missouri and US Constitution. As required by Three Rivers College, students will complete several online essays using primary sources via Blackboard. National and State Government is an in depth study of the federal, state, and local government and the political system of the United States through its organization and function from colonial institutions through its present day powerful development. Students completing, National and State Government, will earn both high school credit and 3 hours of credit from Three Rivers College. **This course is weighted in calculating GPA.**

TRC World Civilization to the Renaissance HIST 121 (1155)

One Semester Daily: .5 Unit

Prerequisite: qualifying ACT or COMPASS score (see counselor) AND

Juniors: a B- in World History Advanced or an A- in World History and/or department approval

Open to Seniors & Juniors

This course requires students to possess very strong reading comprehension skills as well as a strong work ethic to include, but are not limited to a commitment of time to prepare outside of class. As expected by Three Rivers College, this course will be evaluated by exams covering multiple chapters and quizzes. As required by Three Rivers College, students will complete several online essays using primary sources via Blackboard. The final exam will be comprehensive and will include an online essay as well as an in class exam. This course is designed to provide the student with the essential information relating to history of human civilization, how civilizations form, how they develop and how they decline, and possibly, cease to exist. In the process of this, the student will be able to demonstrate a level of competency relating to specific features of the civilizations, both those that rose to dominance and those that functioned in a less prominent role that have influenced humanity, past and present. Students, completing American History to 1877, will earn both high school credit and 3 hours of credit from Three Rivers College. **This course is weighted in calculating GPA.**

TRC World Civilization Since the Renaissance HIST 122 (1165)

One Semester Daily: .5 Unit

Prerequisite: qualifying ACT or COMPASS score (see counselor) AND

Juniors: a B- in World History Advanced or an A- in World History and/or department approval

Open to Seniors & Juniors

This course requires students to possess very strong reading comprehension skills as well as a strong work ethic to include, but are not limited to a commitment of time to prepare outside of class. As expected by Three Rivers College, this course will be evaluated by exams covering multiple chapters and quizzes. As required by Three Rivers College, students will complete several online essays using primary sources via Blackboard. The final exam will be comprehensive, which will include an online essay and an in-class comprehensive exam. This course is designed to provide the student with the essential information relating to history of human civilization, how civilizations form, how they develop and how they decline, and possibly, cease to exist. In the process of this, the student will be able to demonstrate a level of competency relating to specific features of the civilizations, both those that rose to dominance and those that functioned in a less prominent role that have influenced humanity, past and present. Students, completing American History to 1877, will earn both high school credit and 3 hours of credit from Three Rivers College. **This course is weighted in calculating GPA.**

ADVANCED PLACEMENT U.S. HISTORY (1170)

Two Semesters Daily: 1 Unit

Prerequisite: department approval

Open to Seniors

This course is open to any college bound Senior and is designed to prepare students for the AP – US History Exam. AP U.S. History is a challenging course that is meant to be the equivalent of a Freshmen college course and can earn students college credit. It is a two-semester survey of American History from the age of exploration and discovery to the present. Solid reading and writing skills, along with a willingness to devote considerable time to homework and study, are necessary to succeed. Emphasis is placed on critical and evaluative thinking skills, essay writing, interpretation or original documents, and historiography. Any student, who does not take the AP Exam, will be required to take a similar exam on the same day or as a final, that will comprise 20% of that student's second semester grade. **This course is double weighted in calculating GPA**

ADVANCED PLACEMENT U.S. GOVERNMENT & POLITICS (1091)

Two Semesters (Full year) Daily: 1 Unit

Prerequisite: Department Approval

Open to Seniors

This course is open to any college bound Senior and is designed to prepare students for the AP U.S. Government & Politics Exam. AP U.S. Government & Politics includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples—Constitutional Underpinnings of the U.S. Government; Political Beliefs and Behaviors; Political Parties, Interest Groups, and the Mass Media; Institutions of National Government; Public Policy; and Civil Rights & Civil Liberties. The course is challenging and is meant to be the equivalent of a Freshman college course. Students are expected to have good reading and writing skills, along with a willingness to commit the time necessary to being successful in the course. Emphasis is placed on critical thinking, where students will be tasked with taking an active role in class discussion and simulations, as well as reviewing supplemental sources and writing about them. Any student, who does not take the AP Exam, will be required to take a similar exam the same day as a final, which will comprise 20% of that student's second semester grade. **This course is double weighted in calculating GPA.**

SOCIOLOGY (1060)

One Semester Daily: .5 Unit

Open to Sophomores, Juniors, and Seniors

All human beings are social. To be social is to interact, to participate in group life. All people have basic needs and problems. Sociology investigates group interaction in solving these needs and wants. Human relations can be improved by studying social change, our cultural heritage, and the cultures of other people.

PSYCHOLOGY (1050)

One Semester Daily: .5 Unit

Open to Sophomores, Juniors, and Seniors

Psychology is the science that deals with the behavior and thinking of an organism. Psychology is a social science which employs the scientific method in trying to explain how and why people behave the way they do. In addition it seeks to predict certain kinds of behavior and offers suggestions as to how to control undesirable behavior. A study of psychology will help the student to learn the correct causes of behavior. It will make the individual more scientific in understanding behavior. The course will assist the student in selecting a future career and help achieve a better understanding of him/her.

CONTEMPORARY ISSUES (1142)

One Semesters Daily: .5 Unit

Open to Juniors and Seniors ONLY

This Social Studies elective course is designed to develop student understanding of current events and issues that directly or indirectly affect their daily lives. A current weekly news magazine is used as a text for topics. Additional information will be developed and made available on subjects of interest not covered by news magazines. The goal of this course is to allow students to do research and formulate opinions and discuss current issues of interest. Grading and evaluation is based on quizzes over facts in the news, independent research and opinion papers.

GEOGRAPHY (1021)

One Semester Daily: .5 Unit

Open to Freshman only.

World Geography is a multicultural, cross-disciplinary course designed to provide an accurate and complete view of the ever changing world of which we are all a part. This course emphasizes physical geography (e.g. climate, earth processes, etc.) and human geography (e.g., world cultures, religions, beliefs, customs, economics development, etc.). Significant importance is placed on cultural understanding, map locations, critical thinking issues, usage of the internet in research and problem solving skills.

MISSOURI CONSTITUTION PROJECT (1075)

One Semester Daily: .5 Unit

Prerequisite: Recommendation of current Social Studies teacher and interview with Faculty/Administrator committee

Open to All Students

The Constitution Project is a fun yet intensive, interactive competition in which high school students gain experience in the fields of journalism, crime scene investigation and trial advocacy. This is a project-based learning class, so it will not be designed like a typical class, but students interested in this course must be willing to invest time outside of school making sure they are prepared to demonstrate their part of the simulation - this includes studying their particular roles and participating in practices for competitions."

FINE ARTS

1 UNIT OF FINE ART CREDIT IS REQUIRED TO GRADUATE

DRAMA

DRAMA I: (0121)

One Semester Daily: .5 Unit (Fine Art Credit)

Open to all students

Dramatics is a study of the theater, which provides both social and individual development. In belonging to a group that works toward a creative goal, students develop qualities that promote maturity, teamwork, cooperation and dependability. Students also gain deeper insight into people by studying characterizations in many plays. Students gain confidence and poise from frequent in-course participation and achieve emotional release and control through the numerous experiences on stage.

DRAMA II: (0126)

One Semester Daily: .5 Unit (Fine Art Credit)

Prerequisite: Drama I

Open to all students.

This course is performance based for motivated theater students. Students will study acting, directing, readers' theater, and technical theater. A play will be performed as the final project with all enrolled students participating either as performers or as members of technical crews.

ART

INTRO TO ART (3011)

One Semester Daily: .5 Unit

Open to Freshmen, Sophomores, and Juniors

Intro to Art is an introductory course in the visual arts. The purpose of the course is for students to become familiar with a variety of art mediums and methods including, but not limited to drawing, painting, sculpture, and printmaking. This is a disciplined-based art education program utilizing all four components of history, production, aesthetics and criticism/self-reflection. We will learn the language of art (design elements and principles) while we explore many artists, styles and media.

ART APPRECIATION (3012)

One Semester Daily: .5 Unit

Open to Freshmen, Sophomores, and Juniors

This is a disciplined-based art education program utilizing all four components of history, production, aesthetics and criticism/self-reflection through writing and other projects. During this class students will learn to discuss, interpret, and model a variety of art styles and periods starting from pre-historic art all the way through contemporary art.

ART II (3020)

Two Semesters Daily: 1 Unit

Prerequisites: Intro to Art and Art Appreciation with a C or above.

Open to Sophomores, Juniors, and Seniors

Students will build a higher level of ability in drawing, painting, design, and sculpture/ceramics. This course is designed for the student wanting to develop their talent to a higher level of critical thinking.

ART III (3030)

Two Semesters Daily: 1 Unit

Prerequisites: By permission of instructor along with a C or above in Intro to Art, Art Appreciation, and Art II.

Open to Juniors and Seniors

This course is designed for the accelerated student who plans to major in art at a post-secondary level or plans a career in an art related field. For a majority of the class, each student will develop creative ideas independently. A strong work ethic and time management is necessary to be successful in this class. Students will be taught how to write and speak about their own art as well. Periodic class critiques and the maintenance of a sketchbook and portfolio are required. This is a disciplined-based art education program utilizing all four components of history, production, aesthetics and criticism/self-reflection.

ART IV (3050)

Two Semesters Daily: 1 Unit

Prerequisites: By permission of instructor along with a C or above in Intro to Art, Art Appreciation, Art II, and Art III.

Open to Seniors

This course is designed to develop skills the student has acquired from previous art classes and help them apply that knowledge in creative ways. For a majority of the class, each student will work independently in areas of interest. A strong work ethic and time management is necessary to be successful in this class. Students will be taught how to write and speak about their own art as well. Periodic class critiques and the maintenance of a sketchbook and portfolio are required. This is a disciplined-based art education program utilizing all four components of history, production, aesthetics and criticism/self-reflection.

DRAWING & PAINTING (3025)

ONE OR TWO SEMESTER Daily: .5 Unit

Prerequisites: Passing Intro to Art with a B- or higher and teacher recommendation.

Open to Sophomores, Juniors, and Seniors

Students in this class will explore different painting and drawing styles. They will be required to keep a sketchbook and students need to be aware that outside purchases may be necessary.

SCULPTURE (3035)

ONE OR TWO SEMESTER Daily: .5 Unit

Prerequisites: Passing Intro to Art with a B- or higher and teacher recommendation.

Open to Sophomores, Juniors, and Seniors

Students in this class will create three-dimensional sculptures using clay, wire, and other materials. They will be required to keep a sketchbook and students need to be aware that outside purchases may be necessary.

MUSIC

WIND ENSEMBLE (6029)

Two Semesters Daily: 1 Unit

Prerequisite: Must have been in band in grades 7-8, permission of the instructor, and complete a playing audition.

Open to all students

Wind Ensemble is an auditioned ensemble that competes during marching band season and plays concert band music in the spring. Students in Wind Ensemble will attend two weeks of summer marching band practice, all marching contests, all home football games, and five home basketball games. Wind Ensemble will perform grade three to grade five concert music and will participate in three band concerts throughout the year.

CONCERT BAND (6032)

Two Semesters Daily: 1 Unit

Prerequisite: Must have been in band in grades 7-8, obtain permission of the instructor, and complete a playing audition.

Open to all students

Concert band is an auditioned band that consists of students who are not awarded playing positions in Wind Ensemble. Students in Concert Band will attend two weeks of summer marching band practice, all marching contests, all home football games, and five home basketball games. Concert band will perform grade three to grade four music and will participate in three band concerts per year.

STUDIO JAZZ BAND (6075)

Two Semesters Daily: 1 Unit

Prerequisite: Students must be enrolled in Wind Ensemble or Concert Band and must obtain permission of the instructor.

Studio Jazz Band. Enrollment is by audition only.

Through the performance of jazz and contemporary music, students will study current styles, techniques, improvisation and harmony. Basic theory study and individual solo study are integral to the development of this performance group. This course will prepare students for more extensive musical education in college.

SPRING JAZZ BAND (6076)

One Semester Daily: .5 Unit

Prerequisite: Students must be enrolled in Wind Ensemble or Concert Band to be eligible for Spring Jazz Band.

Open to all students with instructor's permission.

Through the performance of jazz and contemporary music, students will study current styles, techniques, improvisation, and harmony. Basic theory study and individual solo study are integral to the development of this performance group. Enrollment in the Spring Jazz Band is open to any student who plays a jazz instrument (Saxophone, Trumpet, trombone, Bass, Piano, Guitar, Drums).

MARCHING BAND COLOR GUARD (6070)

One Semester Daily: .5 Unit

Prerequisite: **Open to all students by Audition Only**

Marching band color guard is a one-semester course that focuses on spinning flags, rifles, and sabers with the Sho-Me Marching Band. All marching band color guard members must enroll in this course. All students in marching band color guard will attend three weeks of summer marching band practice, all marching contests, and all home football games. Marching Band Color Guard is also open to students who do not play a band instrument but would like to be in the Sho-Me Marching Band.

MARCHING PERCUSSION (6033)

One Semester Daily: .5 Unit

Prerequisite: By Audition Only

Open to all students

Marching percussion is a semester course that focuses on marching percussion techniques. All battery and pit percussion for the competitive marching band must enroll in this course. Students in marching percussion will attend three weeks of summer marching band practice, marching contest, and all home football games. Marching percussion students will change courses second semester to either Wind Ensemble or Concert Band.

CONCERT CHOIR (6050)

Two Semesters Daily: 1 Unit

Prerequisite: **By audition and with the consent of the choral director.**

Open to all students

Concert Choir is designed for the **vocally talented, musically advanced student**. Students are required to participate in festivals, concerts, district events, and district and state contest. The course provides an opportunity for students to further develop their talent in music while continuing to increase their skills in sight-singing, music theory, and competitive performance. Contact: Choral Director

MIXED CHORUS (6040)

Two Semesters Daily: 1 Unit

Prerequisite: **By audition and with the consent of the choral director.**

Open to all students

MIXED Chorus is a course designed for the **vocally talented, musically advanced students**. Students are required to participate in festivals, concerts, district events, and district and state contest. The course provides an opportunity for the student to further develop his or her talent in vocal music. Contact: Choral Director

WORLD PERCUSSION ENSEMBLE (6021)

One Semester Daily: .5 Unit

Open to all students

Students enrolled in this course will study and perform various aspects of African, Afro-Cuban, Latin, and American drum music. This is a performance course. Students will play hand drums, study music counting, and compose their own beats. No musical experience is necessary.

MUSIC APPRECIATION (6060)

One Semester Daily: .5 Unit

Open to all students

The purpose of this course is to provide an opportunity for students to learn music history and music theory using a combination of different classroom activities. Students will study music using class lectures, technology (Mac Books), and classroom participation using African hand drums. This course will use pictures, audio, video, and lecture techniques to present students with the opportunity to develop a better understanding of jazz and rock/pop music in American Culture and music in cultures throughout the world.

GUITAR (6044)

One Semester Daily: .5 Unit

Open to Freshmen, Sophomores, and Juniors

Students in Guitar will master major, minor, and 7th chords in first position, major and minor scales, and will learn to read guitar music from traditional notation and from tablature. Skills in playing melody (lead) and accompaniment (rhythm) guitar will be developed. Students will also develop skills in playing basic percussion instruments, singing, and playing bass. Students will explore the structure of music as they perform, compose, improvise, and arrange music in a variety of styles. While a limited number of school owned instruments are available, most students will need to provide their own acoustic guitar. They will also be required to purchase necessary method books.

ADVANCED GUITAR (6047)

One Semester Daily: .5 Unit

Prerequisite: GUITAR with a C or Higher

Open to all students

Students in ADVANCED GUITAR will build on the skills acquired on GUITAR master major, minor, and 7th chords in first position, major and minor scales, and will learn to read guitar music from traditional notation and from tablature. Skills in playing melody (lead) and accompaniment (rhythm) guitar will be developed. Students will also develop skills in playing basic percussion instruments, singing, and playing bass. Students will explore the structure of music as they perform, compose, improvise, and arrange music in a variety of styles. While a limited number of school owned instruments are available, most students will need to provide their own acoustic guitar. They will also be required to purchase necessary method books

FOREIGN LANGUAGE

SPANISH I: (0301)

Two Semesters Daily: 1 Unit

Open to Freshman, Sophomores, and Juniors

This course will include the study of elementary Spanish conversation, reading, writing and listening exercises, and elementary grammar. Students will gain a basic knowledge of the Spanish culture.

SPANISH II: (0302)

Two Semesters Daily: 1 Unit

Prerequisite: a C- or better in Spanish I

Open to Sophomores, Juniors, and Seniors

This course is a continuation of Spanish I with emphasis on intermediate Spanish conversation, advanced grammar, reading, and writing. There will be a continued study of the Spanish culture.

SPANISH III: (0303)

Two Semesters Daily: 1 Unit

Prerequisite: a C- or better in Spanish II

Open to Juniors and Seniors

This course will provide the student with extensive practice in speaking and reading. Intermediate and some advanced grammar structure needed for further study will be included. Students will be expected to communicate in the target language in oral and written form. Students will engage in several special projects, cultural units, and video presentations.

SPANISH IV: (0304)

Two Semesters Daily: 1 Unit

Prerequisite: a C- or better in Spanish III

Open to Seniors

This course will continue to provide the student with extensive practice in speaking and reading. Advanced grammar and writing will be practiced. Students will be expected to communicate in the target language in both oral and written form.

PHYSICAL EDUCATION AND HEALTH

1 UNIT OF PHYSICAL EDUCATION AND ½ UNIT OF HEALTH CREDIT IS REQUIRED TO GRADUATE

9th Grade Physical Education/Health (6110 - Boys & 6120 - Girls)

Two Semesters Daily: 1 Unit

Open to Freshmen Only

P.E./Health is a requirement for all ninth grade students. In this course, students will study units in physical fitness, nutrition, disease control, and human development. Other units of study will involve various team sports and individual lifetime activities as permitted by the school calendar.

Health (6090)

One Semester Daily: .5 Unit

Open to all students

The health course is designed to inform the student of present day discoveries in medicine and drugs; teach the systems of the human body and how they are related, and how good physical and mental health is obtained and the proper steps in developing a healthy body and mind for many years.

Cardiovascular/Weight Training (6114)

Two Semesters Daily: 1 Unit

Prerequisite P.E. 1 and coaches recommendation

Open to Sophomore, Juniors, and Seniors

The main emphasis of this course will consist of endurance training supplemented with weight training. The cardiovascular training will include running, biking, and stair climbing with cardio endurance the main objective. The weight training will target general fitness levels and technique.

Weight/Cardiovascular Training (6113)

Two Semesters Daily: 1 Unit

Prerequisite P.E. 1 and coaches recommendation

Open to Sophomore, Juniors, and Seniors

The main emphasis of this course will be concerned with developing the student's muscular system and cardio respiratory system. This goal will be achieved primarily by lifting weights and jogging. Also, plyometric training, nutrition, agility, and flexibility training will be incorporated.

PERSONAL FINANCE

½ UNIT OF PERSONAL FINANCE CREDIT IS REQUIRED TO GRADUATE

PERSONAL FINANCE (4100)

One Semester Daily: .5 Unit

Open to Sophomores, Juniors, and Seniors

Understanding and managing personal finances are key to one's future financial success. This course is based on the Missouri Personal Finance Competencies and presents essential knowledge and skill to make informed decisions about real world financial issues. Students will learn how choices influence occupational options and career choices; set personal goals; learn to make wise spending, saving, and credit decisions; and to make effective use of income to achieve personal financial success.

PRACTICAL ARTS

1 UNIT OF PRACTICAL ART CREDIT IS REQUIRED TO GRADUATE

AGRICULTURE

AGRICULTURAL SCIENCE I (8201)

Two Semesters Daily: 1 Unit

Open to Freshmen and Sophomores

A course designed for instruction in animal science, basic shop skills with woodworking and metal, career exploration, leadership and personal development, and supervised agricultural experience. (CD 016710, CIP 01.0000)

AGRICULTURAL SCIENCE II (8202)

Two Semesters Daily: 1 Unit

Prerequisite: Agriculture Science I or a Junior or Senior with instructor's permission.

Open to Sophomores, Juniors, and Seniors

A course designed for instruction in plant and crop science, soils, entomology, agricultural mechanics emphasis on arc and oxy acetelyn welding, career development, leadership, and supervised agricultural experience. (CD 016760, CIP 01.0000)

TRC AGRIBUSINESS SALES AND MARKETING AND MANAGEMENT (8243)

Two Semesters Daily: 1 Unit

Prerequisite- Any Ag class or approved by advisor

Open to Juniors, and Seniors

This course includes agribusiness management, human relations, personal inventory, careers in selling, and other experiences necessary for employment in agribusiness engaged in marketing, communication, purchasing, storing, grading, and transporting supplies and products. This course can be taken as a dual credit class with TRC. (CD 016741, CIP 01.0101) **This course is weighted in calculating GPA.**

AGRICULTURAL POWER (8241)

One Semester Daily: .5 Unit

Open to Junior, and Seniors

Prerequisite- Ag Science I and Ag Science II or approved by advisor

This course develops skills in the maintenance, repair, adjustment, and overhaul of small engines. **A lab fee may be required** (CD 016751, CIP 01.0201)

AGRICULTURAL STRUCTURES (8242)

One Semester Daily: .5 Unit

Open to Junior & Seniors

Prerequisite- Ag Science I and Ag Science II or approved by advisor

This course includes electrical wiring, electrical motors, concrete masonry, plumbing and sewage disposal, farm fences, product handling and processing equipment, and farm buildings. **The instructor must approve all projects and the materials used must be prepaid.** (CD 016720, CIP 01.0201)

ANIMAL SCIENCE (8226)

One Semester Daily: 0.5 Unit (Fall only)

Open to Sophomores, Juniors & Seniors

Advanced study in animal production, management, marketing, nutrition, breeding, production records, selection, animal health, waste management, and biotechnology may be included in this course. (CD 016711, CIP 01.0901)

Biotechnology (8231)

One Semester Daily: 0.5 Unit

Open to Sophomores, Juniors & Seniors

This course includes topics in the history of biotechnology, the principles of scientific research, cell biology, genetic transfer, genetically modified organisms, cloning, and the application of biotechnology to plant science, animal science, medicine, the food industry, and ecology. Consumer issues, ethics, and careers are also addressed. (CD 016743, CIP 01.0901)

Conservation of Natural Resources (8230)

Two Semesters Daily: 1 Unit

Open to Sophomores, Juniors & Seniors

This course prepares students for activities in the conservation and/or improvement of natural resources such as oil, water, air, forests, fish and wildlife for economic and recreational purposes. (CD 016759, CIP 03.0101)

Floriculture (8223)

One Semester Daily: 0.5 Unit (Spring only)

Open to Sophomores, Juniors & Seniors

This course includes the production, arrangement and retailing of flowers. It includes fresh, silk, or dried flowers to be used in the design of corsages, wedding bouquets, table flower arrangements, and seasonal holiday decorations. **Lab fee may be required.** (CD 016763, CIP 01.0601)

Greenhouse Operation (8215)

One Semester Daily: 0.5 Unit (Spring only)

Prerequisite- Ag Science I and Ag Science II or approved by advisor

Open to Juniors and Seniors

This course develops a basic understanding of greenhouse techniques. The production of greenhouse crops will be used to demonstrate procedures such as plants started from cuttings, seeds, grafts, and layering. Students will manage their own crop as a greenhouse project. (CD 016765, CIP 01.0601)

LANDSCAPING (8220)

One Semester Daily: 0.5 Unit (Fall only)

Prerequisite: Ag Science I and Ag Science II or approved by advisor

Open to all Juniors and Seniors

This course includes the basic techniques of landscape design, landscape construction, installation, and maintenance. (CD 016764, CIP 01.0601)

BUSINESS EDUCATION

ACCOUNTING I (4040)

Two Semesters Daily: 1 Unit

Open to all Juniors and Seniors

Accounting I is a one-year, beginning accounting class designed to build a basic understanding of manual and automated accounting principles, concepts, and procedures. It completes the accounting cycle for a sole proprietorship, partnership, and corporation. It will prepare a student to understand and make wise financial decisions. It will also prepare a student to enter business-related fields and provide a foundation for studying business at the collegiate level. **Students should see the counselor or instructor for details about three hours articulated credit with Three Rivers Community College.**

ACCOUNTING II (4045)

Two Semesters Daily: 1 Unit

Prerequisite: Accounting I & Currently maintaining a C average or above in all courses

Open to all Seniors

Accounting II is a one-year advanced accounting course that expands on topics learned in Accounting I while adding new topics about management accounting, cost accounting, and financial analysis. It is background and preparation for college business and accounting courses and business majors. Spreadsheet software is used to help streamline business practices. The spreadsheet option features some of the techniques used by businesses to make their financial reporting analysis more efficient. **Students should see the counselor or instructor for details about three hours articulated credit with Three Rivers College.**

BUSINESS COMMUNICATION (4077)

One Semester Daily: .5 Unit

Open to all students

This course provides reinforcement of students' basic language arts skills (composition, grammar, spelling, punctuation, etc) and development of essential competencies for oral and written communication in today's technological workplaces. Emphasis is placed on using the computer to compose and produce accurate and effective documents (including e-mail messages, letters, memos, reports, etc) for personal and professional purposes. Using technology to develop oral communication skills such as making presentations, giving instructions, interviewing, and making reports in an effective manner is reinforced in this course.

Banking and Financial Services (4080)

One Semester Daily: .5 Unit

Open to all students

This course applies money and economic concepts to the development of personal financial goals and to the preparation of students for careers in which they plan, manage, and analyze the financial and monetary aspects and success of business enterprises. Skills in money management deal with the study of basic concepts of economics, insurance, credit, savings, investments, and budgeting-skills needed for productive citizenship. The course may also cover such business financial matters as business cycles, opportunity costs, cost-benefit analysis, methods of financing businesses, stocks and bonds, profit and loss, and others.

BUSINESS AND PERSONAL LAW (4090)

One Semester Daily: .5 Unit

Open to Sophomores, Juniors, and Seniors

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 provides basic characteristics of the American system of free enterprise, basic rights of private property, basic elements of contracts, employer-employee relations, landlords, tenants, individual rights, wills and estates, family and juvenile justice law, and community property.

BUSINESS TECHNOLOGY (4075)

Two Semesters Daily: 1 Unit

Open to Sophomores, Juniors and Seniors

This course is designed to help students develop the qualities, knowledge, and skills necessary for working in a business. Students enhance computer application skills as they develop competencies needed by administrative support professionals. The course includes the use of technology to develop communication skills, the performance of office procedures tasks (dealing with people, using the telephone, organizing work, and handling other crucial tasks), the production of quality work using advanced features of business software applications, and the production of high quality employment portfolios and job-seeking documents.

COMPUTER APPLICATIONS (4010)

Two Semesters Daily: 1 Unit

Open to all students

This course is designed to help students master beginning and advanced skills in the areas of word processing, database management, spreadsheet applications, desktop publishing, multi-media, Internet usage, and integrated software applications. **Students should see the counselor or instructor for details about three hours articulated credit with Three Rivers College.**

INTRODUCTION TO BUSINESS (4111)

One Semester Daily: .5 Unit

Open to all students

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 functions such as accounting, management, marketing, and other consumer issues regarding money and money management, banking system and services, government's role in business, and technology in the business world.

MULTIMEDIA DESKTOP PUBLISHING I (9162)

(YEARBOOK)

Two Semesters Daily: 1 Unit

Open to Sophomores, Juniors and Seniors with teacher approval.

Students will work with multi-media software to develop electronic presentations. Students will learn how to manipulate text, art and graphics, photography, animation, audio, and video for presentations in various media formats.

MULTIMEDIA DESKTOP PUBLISHING II (9163)

(YEARBOOK)

Two Semesters Daily: 1 Unit

Open to Sophomores, Juniors and Seniors with teacher approval.

Prerequisite: MULTIMEDIA I with a C or better.

Students will continue to work with multi-media software to develop electronic presentations. Students will manipulate text, art and graphics, photography, animation, audio, and video for presentations in various media formats.

Web Design I (9165)

Two Semesters Daily: 1 Unit

Open to open to all students

The goal of this class is to give you the knowledge and practical experience of being a Web designer. It will give you an all-around ability to understand web-development as it applies to personal and professional use. Students in this course will create dynamic web pages using HTML and CSS. Warning: This is a coding course and cannot be modified. They will also focus on basics – typography, graphics, and page layout. This class will consist of discussions, Web assignments, lab projects, Internet searches, and group work. The final portion of the course will be devoted to creating e-portfolios to display and reflect on coursework.

Web Design II (9167)

Two Semesters Daily: 1 Unit

Prerequisite: Web Design I with a C or better and teacher approval

Open to Sophomores Juniors, and Seniors with teacher approval

The goal of this class is to give you the advanced knowledge and practical experience of being a Web designer. It will give you an all-around ability to understand web-development as it applies to personal and professional use. Students in this course will create dynamic web pages using HTML, CSS, and web design software. They will also focus on basics – typography, graphics, and page layout. Students will also use software to create dynamic, interactive multimedia presentations. This class will consist of discussions, Web assignments, lab projects, Internet searches, and group work. The final portion of the course will be devoted to creating e-portfolios to display and reflect on coursework.

INTRODUCTION TO CODING (9155)

One Semester Daily: .5 Unit

Open to all students

This course will introduce the fundamental concepts of computer science computation thinking and problem solving. An introduction to coding using JavaScript and Alice will be presented. Students who perform well in this course by making a B or better can meet the prerequisite for AP Computer Science.

FAMILY and CONSUMER SCIENCES (HOME ECONOMICS)

BASIC FOOD & NUTRITION (5010)

One Semester Daily: .5 Unit

Open to Freshman, Sophomores, and Juniors

This orientation-level course includes classroom and laboratory experiences needed to understand basic food principles and nutrition. This course centers around applying overall wellness and nutrition, meeting health and sanitation standards, meal planning, emphasizing cooperation and teamwork in preparing and serving food, while exploring individual nutritional needs. Attention will be given to the selection and preparation of food and personal health and well-being. Students are required to purchase an apron for this course.

CHILD DEVELOPMENT, CARE AND GUIDANCE (5040)

One Semester Daily: .5 Unit

Open to Sophomores, Juniors, and Seniors

This course's emphasis is on human reproduction (prenatal and post-natal care, planned parenthood, physical, mental, social, and intellectual growth from birth to six years of age). The course includes supervision and guidance of children during play and routine activities, as well as observation of children and career/job opportunities in the child care field.

ADVANCED FOODS & NUTRITION (5050)

One Semester Daily: .5 Unit

Prerequisite: Basic Foods & Nutrition

Open to Sophomores, Juniors, and Seniors

This advanced level foods course builds on concepts taught in Basic Foods & Nutrition. This course addresses more complex issues and focuses on food selection and preparation for specific circumstances and dietary needs. Course content includes diet and health, current nutritional issues, food budgeting and purchasing, food safety and sanitation, and meal planning. Students are required to purchase an apron for this course.

CULTURES & CUISINES (5060)

One Semester Daily: .5 Unit

Prerequisite: Basic Foods & Nutrition

Open to all students

This advanced foods and nutrition course will give students the opportunity to plan, prepare, and evaluate international foods. Students will study the food customs and cuisines of countries around the world. The content of this course includes a study of the geographic, political, economic, and cultural characteristics of individual countries, as well as meal planning, preparing, and serving. Students are required to purchase an apron for this course.

FAMILY RELATIONS (5080)

One Semester Daily: .5 Unit

Open to Sophomores, Juniors, and Seniors

This course emphasizes personality traits, relating to and getting along with others, success in the family, and establishing a happy home. This course incorporates the social and economic conditions affecting the family, meeting the responsibilities of marriage, parenthood, and family living, and planning for a wedding and marriage.

FASHION DESIGN AND MERCHANDISING (5115)

One Semester Daily: .5 Unit

Open to Sophomores, Juniors, and Seniors

This course brings the exciting world of fashion to life through an in-depth look at how the apparel industry works. Students will see the many ways that they might be better consumers and learn about fashion-related industries. The course includes a look at designer ready-to-wear, private label lines, electronic marketing of fashion goods, a look at future directions and trends in textiles, and apparel manufacturing. Students explore career opportunities related to fashion and apparel. Students will study the elements and principles of design, wardrobe selection, clothing care, garment design, and basic sewing.

SENIOR SURVIVAL (5031)

One Semester Daily: .5 Unit

Open to SENIORS

This course is designed to give students the skills and knowledge necessary for assuming the roles and responsibilities they will encounter as they enter the adult world. Skills are developed to help students manage their needs in the areas of interpersonal relationships, housing, clothing, nutrition, and food. Management of time, money and resources are emphasized in each area allowing students to be successful at home and in the workplace. The focus is on becoming independent, contributing, and responsible participants in family, community and career settings.

NUTRITION AND WELLNESS (5070)

One Semester Daily: .5 Unit

Open to all students

This instructional program prepares individuals to understand the principles of nutrition and how they relate to overall health and wellness. Students will take an in-depth look at the nutrients and their function in the human body. Students explore diet fads and trends, special dietary needs, growing changes in the global food supply, and world hunger. Emphasis on exercise in relationship to diet will be examined. This is an ideal course for athletes and other individuals interested in physical development and performance.

HOUSING AND HOME MANAGEMENT (5140)

One Semester Daily: .5 Unit

Open to Sophomores, Juniors, & Seniors

This is a hands-on course with very little lecture time. Students are taught facts and then given time to apply what they learn through small projects. The curriculum includes elements and principles of design, color, interior design and decoration, selection and care of furnishings, and housing styles. Graph paper drawings are included, but drawing skills are not needed to be successful in this course.

HELP DESK (8552)

Two Semesters Daily: 1 Unit

Prerequisite- Approval from Mrs. Carda (Help Desk Teacher): Requirements: good attendance & discipline required; Students will be interviewed; Students will be given a basic computer knowledge test.

Open to All Students

Students will learn technology based software & hardware skills in order to troubleshoot and assist students and teachers with problems that may occur. In addition to having daily tasks, students will maintain several running projects. This course will elicit and require skills that are relevant to most professions. You will be instructing, creating, curating, and organizing information for faculty and students. In this class, you will research and learn how to use cutting edge educational tools and resources, as well as help to implement them with students & staff. Students need to exhibit the willingness to learn and be able to communicate with their peers and PBHS staff. In addition to these daily roles, students will be learning digital skills that will help themselves and other classmates further understand how technology can help them while in school. Students will also be required to participate in Classroom Performance Tasks (that they will all work on together to complete). Last but not least, students will be expected to spend 20% of their time working on a passion project of their own choosing.

JROTC

USA JROTC (LET I) (9710)

Two Semesters Daily: 1 Unit

JROTC Leadership Education Training (LET) I is an introductory, activity-based, course available to all students in ninth through twelfth grade that encourages citizenship, self-discipline, and self-confidence. Students will gain knowledge and develop skills in; citizenship, basic leadership skills, learning style preferences and study skills thru self-assessment. The course also includes strategies to help students improve communication skills, enhance social and ethical values, promote character development and physical fitness, and help develop an appreciation of teamwork. They will gain admiration of military service by learning customs, courtesies and history of the armed forces. Enrollment in JROTC in NO WAY requires any obligation for military service. JROTC is enhanced through physical fitness activities, extracurricular and co-curricular activities such as rappelling, orienteering, parades, drill, and physical fitness teams. The course may be used for required physical education credit, practical arts credit, or as an elective credit.

USA JROTC (LET II) (9720)

Two Semesters Daily: 1 Unit

Prerequisite: Satisfactory progress as a LET I and SAI/AI approval

This course is designed to build on the LET I foundation, and increase the student's role in leadership and responsibility. The Program of Instruction reinforces learning in the following areas: (1) Techniques of Communication; (2) Leadership; (3) Leadership lab; (4) First Aid; (5) Map Reading; (6) American Citizenship. Promotions, awards and decorations are tied to proper discipline and good behavior. The course may be used for required physical education credit, practical arts credit, or as an elective credit.

USA JROTC (LET III) (9730)

Two Semesters Daily: 1 Unit

Prerequisite: Satisfactory progress as a LET II and SAI/AI approval

This course requires advanced study in the same areas offered in LET II. Reinforcement in communication skills, leadership skills, and service to school and community is emphasized. Special emphasis is given to American Military History and Ethics. This course is designed to enhance other high school curriculum by organizing, managing, and disciplining human resources to accomplish real world objectives. The course may be used for required physical education credit, practical arts credit, or as an elective credit.

USA JROTC (LET IV) (9740)

Two Semesters Daily: 1 Unit

Prerequisite: Satisfactory progress as a LET III and SAI/AI approval

This course is designed to build upon the leadership skills acquired in Let-III. Primary emphasis is placed on the practical application of the cadet's leadership duties and responsibilities within the cadet battalion. The LET IV year is structured to allow students to perform their assigned command or staff duties and act as classroom instructors or assistant instructors for selected academic subjects. Instruction for LET IV will consist of self-paced study, suggested readings, seminars, vignettes, case studies and special assignments. The course may be used for required physical education credit, practical arts credit, or as an elective credit.

NOTE: The 1st year of JROTC can be used to fulfill the Physical Education credit required for graduation. 2nd year can be used to fulfill the Practical Art credit required to graduate. 3rd &/or 4th year will be counted as Elective credits.

MARKETING and COOPERATIVE EDUCATION (MCE)

MARKETING COOPERATIVE EDUCATION -WORK (9066 OR 9067)

Two Semesters Daily: 1 or 2 Units

Prerequisite – Teacher recommendation and application the semester before enrollment. Students must also be concurrently enrolled in either Marketing I or Marketing II when attempting Marketing Cooperative Education credit.

Open to Juniors and Seniors Only

Marketing Cooperative Education involves a cooperative agreement with the student, school and local business in which the student/trainee receives credit for his/her work experiences. Students earn credit by working at a business training station typically in the area of marketing. Students who apply and are approved the semester before enrollment will receive assistance finding a job in a training station that matches their interest. LIMITED TIME WILL BE GIVEN AT THE BEGINNING OF THE SEMESTER TO FIND A JOB. One-half unit of credit per semester may be earned for 180 hours of work (9067) and 1 full unit of credit per semester may be earned for 360 hours of work (9066). A student/trainee must be 16 years old and classified as a junior or a senior. Students having poor attendance, grades, or discipline problems will not be considered until their school record improves. If attempting Marketing Cooperative Education credit, students MUST be enrolled in Marketing I or Marketing II. In the course, some time will be spent studying about the specific area in which the student is training. The program coordinator closely monitors the student's progress in school and on the job.

INTRODUCTION TO MARKETING (9015)

One Semester Daily: .5 Unit

Open to all students

Introduction to Marketing is a course in which students learn how our free enterprise system operates; the role manufacturers, wholesalers, and retailers play in getting goods and services to consumers; and the basics of marketing.

MARKETING I - MCE I (9013)

Two Semesters Daily: 1 Unit

Open to Juniors and Seniors Only

Marketing I is a course in which students learn about the functions of Marketing: market planning, pricing, promotion, product/service management, channel management, and marketing research. As beginning workers, students are also given basic information about ethics, communications, human relations, Federal and State Income Taxes and Social Security. STUDENTS NEED NOT BE ENROLLED IN MARKETING COOPERATIVE EDUCATION (9051 or 9052) TO TAKE THE MARKETING I COURSE.

MARKETING II- MCE II (9020)

Two Semesters Daily: 1 Unit

Prerequisite—Marketing 1 (9012)

Open to Juniors and Seniors Only

In this course, students learn how to start their own businesses (getting the idea, securing financing, selecting a suitable location, finding and purchasing supplies and equipment, to hiring and training personnel). A computer simulation is used which allows students to make business decisions and view their results. The students compete against each other to earn the highest profit for their business. STUDENTS NEED NOT BE ENROLLED IN MARKETING COOPERATIVE EDUCATION (9051 or 9052) TO TAKE MARKETING II.

POPLAR BLUFF TECHNICAL CAREER CENTER

The Poplar Bluff Technical Career Center offers career/technical programs for juniors and seniors in a variety of career pathways. The programs are generally two years in duration and prepare students for entry-level careers or higher education. Resource staff is on hand to assist students with career counseling, application to higher education institutions, obtaining scholarships/financial aid and job placement. Students successfully completing PBTCC programs have the opportunity to earn college credit free of charge for course work completed while at PBTCC.

Students must be 16 years of age prior to the first day of attendance of the school year for which they wish to enroll. Applications for enrollment are accepted as individual courses begin the enrollment process. PBTCC enrollment applications can be obtained from your counselor. Attendance, discipline history and grade point average are considered for placement in a PBTCC program. The PBTCC will review prospective students' transcripts to determine if "Prerequisites" are met. While a student could be enrolled without having met "Recommended Prerequisites", priority will be given to those students having met any and/or all "Recommended Prerequisites".

Due to the nature of study of these programs, students are not admitted mid-year or mid-program to a PBTCC program of study. Careful schedule planning on the student's part, beginning as early as the ninth grade, is essential to insure all graduation requirements can be met with the inclusion of a PBTCC one or two-year program of study. **Upon acceptance to a PBTCC program students are expected to complete the full course of study. Schedule changes mid-year or mid-program may not be permitted**

AUTOMOTIVE COLLISION REPAIR (I-8070; II-8080)

2 Year Program

3 Units of Credit per year

Meets 3 Hours Daily

Recommended Prerequisites: Agricultural Power I and/or Agricultural Structures

This course is for individuals planning to enter in the profession of Auto Collision Repair. This course will provide the training necessary to succeed in the field of Auto Body repairs at the apprentice level in the specific areas of tool usage, metal preparation, color selection, paint refinishing, conventional and unibody frame repair. Students will train on the most updated equipment and tools in the profession of Auto Collision repair. Classroom instruction will involve technical information while the shop experience will be the practical application of that technical information. Students will have the opportunity to study design, construction, and specialized operations of automobiles.

AUTOMOTIVE SERVICE TECHNOLOGY (I-8030; II-8040)

2 Year Program

3 Units of Credit per year

Meets 3 Hours Daily

Recommended Prerequisites: Agricultural Power I and/or Agricultural Structures

The course is for individuals planning to enter the Auto Mechanics profession. The course will provide training necessary to enter and succeed in the field of auto repair, maintenance, and service. Students will train on the most up-to-date test equipment and tools in the profession of Auto Mechanics. Classroom instruction will involve technical information while the shop experience will be the practical application of that technical information. Students will have the opportunity to study design, construction, and operation of automobile units.

BUILDING TRADES (I-8010; II-8020)

2 Year Program

3 Units of Credit per year

Meets 3 Hours Daily

Recommended Prerequisites: Agricultural Power I and/or Agricultural Structures

The Building Trades program is designed to prepare students for entry-level jobs in the building trades. The program concentrates on residential construction; designing and building a family dwelling is the primary learning vehicle used. Home maintenance, repair, and alteration also are stressed. The course includes training in the fundamentals of hand tools and power equipment; and instruction in and familiarization of concrete, electrical wiring, construction costs and estimating, site work, building permits and landscaping.

COMPUTER GRAPHICS AND PRINTING TECHNOLOGY (I-8090, II-8100)

2 Year Program

3 Units of Credit per year

Meets 3 Hours Daily

Recommended Prerequisites: Computer Applications with a grade of C or higher AND Introduction to Art with a grade of C or higher or with Art Teacher Recommendation.

This program is designed to provide students with a strong working knowledge of printing and design. Students will gain skills in; digital page layout, illustration, photo editing and manipulation. Student will also learn the basic principles of; design, typography, layout, printing, and basics of web design. Students will understand the following standards and/or demonstrate competency in or with; printing equipment, and main printing processes (lithography, screen printing, vinyl sign production, basic desktop publishing, & Mac operating systems). This class is for students with a strong interest in commercial art, journalism, advertising, web design, multimedia design, printing press operation, t-shirts design and screen printing.

COMPUTER MAINTENANCE TECHNOLOGY (I-8050, II-8060)

2 Year Program

3 Units of Credit per year

Meets 3 Hours Daily

Prerequisites: Computer Applications with a grade of C or higher AND a grade of C or higher in all math courses completed prior to enrollment.

This program of study prepares students to become Comp TIA A+ certified microcomputer repair technicians. The student will learn to build, install, upgrade and maintain personal computers and their peripheral devices in addition to basic networking, installation and configuration of computer software.

COSMETOLOGY (8400)

8 Units of Credit

Meets 7.5 hours per day and requires that students provide their own transportation.

Cosmetology is a 1 Year Program requiring 1220 hours of attendance.

Prerequisite: Student must be a senior and must have all graduation required course work (with the exception of electives or practical arts credits) completed prior to enrolling in Cosmetology.

Students are required to complete the Cosmetology Program enrollment process and meet Missouri State Board of Cosmetology requirements for a student license (see counselor for additional information)

This course is the study of hair and hair care, skin and skin care, nails and nail care, chemistry (as it relates to cosmetology), bacteriology and infection control, State Rules and Regulations of Cosmetology, work ethics, and salon management. At the completion of the course, including the required 1220 hours of attendance, the student is qualified to take the State Board Exam for their Missouri Cosmetology License. This course is a challenging course that requires regular attendance. The student will be in a salon atmosphere providing services to actual customers. This course requires the student to display professionalism, responsibility, maturity and self motivation. Students must be able to take corrective criticism. Students will be responsible for a portion of the cost of their kit (see the Cosmo Information Sheet for more information and details about the Cosmetology program). This sheet is available in the counseling center.

CULINARY ARTS (I-8170; II-8180)

2 Year Program

3 Units of Credit per year

Meets 3 Hours Daily

Recommended Prerequisites: Basic FACS course with a grade of C or higher; Basic Food & Nutrition with a grade of C or higher and/or Cultures & Cuisines with a grade of C or higher

The Culinary Arts Program at Poplar Bluff Technical Career Center is a course which includes instructional and on-the-job performance. In the first year, each student will study production, service, and cashier techniques. They will also have the opportunity to perform the duties of each work station in the full service restaurant operated by the program. Each student in the second year will study management techniques. During that time the student will have the opportunity to perform the duties of Kitchen Supervisor, Dining Room Supervisor, and Restaurant Manager in the full service restaurant. Food Service work is the fastest growing job market in the foreseeable future. Food Service operations are generally well designed and well equipped. Working in food service is a team effort and requires working cooperatively with others.

HEALTH OCCUPATIONS (8130)

1 Year Program

3 Units of Credit

Meets 3 Hours Daily Only seniors are eligible to enroll.

Recommended Prerequisites: grade of C or higher in all science courses completed prior to enrollment . Students must pass a criminal background check and not be on the Missouri Employee Disqualification List through the Department of Health and Senior Services.

The Health Occupations course is designed to introduce the student who is interested in a career in healthcare to the various choices available. It helps the student determine a career based on their aptitudes and interests.

In the second semester of the program, students will complete a clinical rotation in a long-term care facility. Students will be given the opportunity to complete requirements to test for the Missouri Certified Nurse Assistant Examination. It is necessary to maintain a "c" average for the semester and meet all the class requirements along with the state requirements to be eligible to test.

Becoming a C.N.A. prior to graduation is a wonderful opportunity for the high school student. They will have marketable job skills which will allow them to apply for jobs at a wide variety of healthcare facilities. Students may be responsible for a portion of the cost of their equipment and a deposit for the C.N.A. Test (see the Health Occupations Information Sheet for more information and details about the Health Occupations program). This sheet is available in the counseling center.

HEATING, VENTILATION, AIR CONDITIONING, AND REFRIGERATION (HVACR) (I-8150; II 8160)

2 Year Program

3 Units of Credit per year

Meets 3 Hours Daily

Recommended Prerequisites: Agricultural Power I and/or Agricultural Structures AND a grade of C or higher in all math courses completed prior to enrollment.

This course is designed to provide basic skills and technical knowledge in the field of air conditioning, heating, and refrigeration. The practical aspects of refrigeration and air conditioning will be stressed throughout the course program with emphasis on installing, maintaining, repairing, and servicing refrigeration and air conditioning systems.

Comprehensive coverage will be given to electrical systems, controls, and wiring so that the students will have necessary knowledge for entry-level positions in the field of air conditioning, heating, and refrigeration.

WELDING AND FABRICATION (I-8110; II-8120)

2 Year Program

3 Units of Credit per year

Meets 3 Hours Daily

Recommended Prerequisites: Agricultural Power I and/or Agricultural Structures AND a grade of "C" or higher in all math courses completed prior to enrollment.

Welding is a two year program designed to prepare the student to enter a wide range of occupations, including all phases of Welding and Metal Fabrication. With two years training in Welding, a student should be ready to enter the field of welding as an apprentice. More skills will need to be acquired either through experience or further training for advancement to higher paying jobs. Classroom instruction will focus on technical information, while the shop experience will be practical application.

Other Electives

7 UNITS OF ELECTIVE CREDIT ARE REQUIRED TO GRADUATE

SPEECH: (0100)

One Semester Daily: .5 Unit (Elective Credit)

Open to all students

The purpose of this course is to help beginning speakers lessen their stage fright, to design a speech in the correct form, and to deliver speeches with confidence and ease. Students will present speeches using effective delivery, supporting evidence, and practical applications of public speaking.

LEADERSHIP (9969)

Prerequisite: Application, interview, and teacher approval. (Enrollment is limited to 30 students per term. Applications must be completed prior to consideration.)

Open to Sophomores, Juniors & Seniors

Course Description: Designed to promote school spirit, community involvement and school leadership. It is recommended that students are members of Student Council, but is not required. Working independently, time management, team building and other related topics are covered in the class. Students enrolled in the course will apply these skills in dealing with peers, school administration and the community.

LIBRARY SCIENCE (9265)

Two Semesters Daily: 1 Unit

Prerequisite: good attendance, teacher recommendation, grade of C or better in English course.

Open to Juniors and Seniors

Library workers are assigned specific duties that help in the efficient running of the library. Each worker is assigned and graded on a section in fiction, non-fiction, and reference, which must be kept in correct order. Students also check books in and out, work with other students who need help finding materials, help process new books, magazines and newspapers, and do any other tasks assigned by the librarian. In addition, students must read and summarize 500 pages from our library per quarter, complete work sheets about library topics, and take a test at the end of each quarter. Interested students should see the librarian to obtain an application.

A+ TUTORING (9301)

One Semester Daily: .5 Unit (Pass/Fail Only)

Prerequisite: Enrollment in A+ Schools Program (Student MUST have at least 95% attendance and 6.875 GPA) and A+ Coordinator recommendation.

Open to Juniors & Seniors

Students participating in A+ Schools Program shall enroll in this course to fulfill their tutoring requirement. Students are allowed to TUTOR only. Students may not help the teacher with grading, copying, supervision or any other duties. Students should see the A+ coordinator for details.

CADET TEACHING (9310)

One Semester Daily: .5 Unit

Prerequisite: Students must PASS A+ Tutoring (9307), join FTA, and have at least 95% attendance, 6.875 GPA and A+ Coordinator recommendation.

Open to Juniors and Seniors

This is a course designed to give students interested in the teaching profession hands-on experience. Students are provided with the opportunity to interact with elementary teachers and their students in a classroom environment.

GUIDELINES FOR INDEPENDENT STUDY

Classroom independent study is designed to allow a student to take work that is not in the regular curriculum, and is above and beyond any course offered at Poplar Bluff Senior High. Teachers are to have on file in the principal's office an approved DETAILED OUTLINE of the classroom independent study course. A copy of this outline must accompany the application, and a copy will also be given to the student. Students are to be graded through assignments and tests. Proper completion of classroom independent study will give a student one-half unit of credit as an elective. The student may take two classroom independent study courses to be counted toward graduation. Assignments and tests must be turned in to the guidance office upon completion of the course of study.

1. Students must have completed a minimum of 18 units of credit required for graduation and have a "B" average.
2. Students must be signed up no later than two weeks after the beginning of the semester.
3. Courses must be advanced courses not included in our high school curriculum.
4. Teachers must designate the course of study, supervise, and evaluate the students work to determine an appropriate grade.
5. Completion of the independent study course must be done to receive credit. A student may not receive more than one unit of credit toward graduation as an independent study student.
6. An independent study course application must be properly filed in the guidance office.

Sample High School Paths

Focus: Graduate – Enter Workforce	Focus: Graduate – Enroll in Technical School	Focus: Graduate – Enroll in 2-year college	Focus: Graduate – Enroll in 4-year college
9TH LA I or LA I Transitional Pre-Algebra or Algebra I American History Physical Science PE or JROTC Health ½ Practical Art ½ Fine Art ½ - Elective	LA – I or LA I Transitional Pre-Algebra or Algebra I American History Physical Science PE or JROTC Health ½ Practical Art ½ Fine Art ½ - Electives	LA I or LA I Transitional Pre-Algebra or Algebra I American History Physical Science PE or JROTC Health ½ Practical Art ½ Fine Art ½ - Electives	LA I or LA I Advanced Algebra I or Geometry American History or American Hist Advanced Physical Science or Physical Science Advanced PE or JROTC Health Spanish ½ Elective – Fine or Practical Art
10TH LA II Algebra I or Discrete Math I World History Earth Science Personal Finance ½ Practical Art ½ Fine Art ½ Electives 1 Other Elective	LA II Algebra I or Discrete Math I World History Earth Science Personal Finance ½ Practical Art ½ Fine Art 1 ½ Electives	LA II Algebra I, Discrete Math I or Geometry World History Earth Science or Chemistry I Personal Finance ½ Practical Art ½ Fine Art 1 ½ Electives	LA II Geometry, Discrete Math II or Algebra II World History or World History Advanced Chemistry I Personal Finance Spanish I or II ½ Practical Art ½ Fine Art ½ Electives
11TH LA III Discrete Math I or Geometry American Government Biology 3 Electives – TCC may be an option if eligibility requirements are met and accepted into a program.	LA III Discrete Math I or Geometry American Government Biology 3 Electives – TCC may be an option if eligibility requirements are met and accepted into a program.	LA III or LA III Advanced Discrete Math I, Geometry or Algebra II American Government or American Government Advanced Biology 3 Electives –TRC Dual Credit Courses may be taken to fulfill elective credits	LA III or LA III Advanced Geometry or Algebra II or College Preparatory Math American Government or American Government Advanced Biology ½ of Fine Art or Practical Art Spanish III 1 ½ Electives –TRC Dual Credit Courses may be taken to fulfill elective credits
12TH British Literature I or II Bible as Literature or Mythology Electives and Core classes needed to finish – up graduation requirements.	British Literature I or II Bible as Literature or Mythology Electives and Core classes needed to finish – up graduation requirements.	English Composition College Writing or Advanced College Writing Algebra II or College Preparatory Math TRC and AP Courses Maybe used to fulfill elective credits requirements.	English Composition College Writing or Advanced College Writing Algebra II or College Preparatory Math Spanish IV TRC and AP Courses Maybe used to fulfill elective credits requirements.

The above high school career paths are simply suggestions and any course may be taken if prerequisite has been met and space permits. Completing the suggested paths do not guarantee employment or acceptance to a post-secondary program. Students will need to work with their parents, counselors, and prospective employer or school as to what specific criteria must be met for employment or school acceptance. Students update their 4 year plans yearly and this is a perfect time to ask questions.

GRADUATION REQUIREMENTS

4 UNITS OF LANGUAGE ARTS

3 UNITS OF SOCIAL STUDIES (required: Am. History, World History, and Am. Gov.)

3 UNITS OF MATH

3 UNITS OF SCIENCE

1 UNIT OF PRACTICAL ARTS (Agriculture, Business, FACS, JROTC
Marketing, MCE or TCC Courses)

1 UNIT OF FINE ARTS (Art, Music, or Drama)

1 UNIT OF PHYSICAL EDUCATION

.5 UNIT OF HEALTH

.5 UNIT OF PERSONAL FINANCE

7 UNITS OF ELECTIVES to be chosen to fulfill the requirements of a career path.

24 UNITS TOTAL