

Bay City High School Curriculum Handbook

#TBW -- The Blackcat Way
2018 – 2019

School Administration

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Mission Statement

Bay City ISD shall provide students and members of the community with a learning environment which encourages personal thinking and reasoning skills enabling them to become thoughtful, productive, and self-fulfilled citizens.

Goals

1. *BCISD will provide quality teaching and rigorous learning in academic and vocational areas with an emphasis on mastery of reading, writing, mathematics, science and social studies.*
2. *BCISD will provide a safe and disciplined environment, which is conducive to learning.*
3. *BCISD will place a continued emphasis on providing students with highly qualified teachers and varied ethnic role models.*
4. *BCISD will insure fiscal responsibility by prudent application of all district funds.*
5. *BCISD will provide facilities that will support a positive learning environment for students.*

STAAR Assessments - End of Course Exams apply to the following courses

English I, English II
Biology

Algebra I
U.S. History

Grade Classifications

State mandated testing requirements will influence grade placement.

Freshman	9 th	A student must have been promoted from the eighth grade
Sophomore	10 th	A student must have earned 5 credits.
Junior	11 th	A student must have earned 10 credits
Senior	12 th	A student must have earned 15 credits

Course Credit Summary – ie. Grade Points

We provide courses at three levels of difficulty. The grades in each course will not change, however, the grade points issued to each will be weighted

The following grade point scale is used:

Advanced courses – Pre-AP, AP, Honors, Dual classes

Regular courses – classes with no other indication

Modified courses – PASS, ACE, Resource, Summer School

Grade	Advanced	Regular	Modified
100	6.0	5.0	4.0
99	5.9	4.9	3.9
98	5.8	4.8	3.8
97	5.7	4.7	3.7
96	5.6	4.6	3.6
95	5.5	4.5	3.5
94	5.4	4.4	3.4
93	5.3	4.3	3.3
92	5.2	4.2	3.2
91	5.1	4.1	3.1
90	5.0	4.0	3.0
89	4.9	3.9	2.9
88	4.8	3.8	2.8
87	4.7	3.7	2.7
86	4.6	3.6	2.6
85	4.5	3.5	2.5
84	4.4	3.4	2.4
83	4.3	3.3	2.3
82	4.2	3.2	2.2
81	4.1	3.1	2.1
80	4.0	3.0	2.0
79	3.9	2.9	1.9
78	3.8	2.8	1.8
77	3.7	2.7	1.7
76	3.6	2.6	1.6
75	3.5	2.5	1.5
74	3.4	2.4	1.4
73	3.3	2.3	1.3
72	3.2	2.2	1.2
71	3.1	2.1	1.1
70	3.0	2.0	1.0

Grades below 70 receive no grade points!

Descriptions/Definitions**AP course – Advanced Placement**

This accelerated course is designed to prepare students for the Advanced Placement College Board Exam. Possible scores on the test are 1, 2, 3, 4 and 5. Scores of 3, 4 & 5 are considered “passing”. Most colleges and universities honor this type of credit. You must check with the colleges of your choice to be sure. The exam will be offered at the end of the course. High school credit is awarded if students pass the course. College credit is awarded according to the grade on the AP test and the acceptance by the college of your choice.

Acronyms/ Short Definitions

Pre AP – Pre-Advanced Placement - a course preparing students for a future AP course – There is no AP test for this course.

AP – Advanced Placement – see below

Dual – Students are taking a college course – Credit from the college is honored by the high school and will be obtained upon successful completion. Tuition is charged by the college and must be paid to the college prior to attendance.

TSI – (replaced COMPASS) - a state required college entrance exam to evaluate proficiency in core subjects

UIL – University Interscholastic League - organizes varied scholastic and athletic competitions.

Concurrent – occurring or existing at the same time

Auditing a course

...Observing a course without the possibility of earning credit. This is not an option at Bay City High School.

Dual

Credit may be obtained for both high school and college through a joint enrollment arrangement between Bay City High School and Wharton County Junior College. For example, students may take English Language and Composition 1301 Dual and receive 3 hours credit at Wharton County Junior College and we will acknowledge that work by issuing ½ credit for English IV A. Prior approval must be obtained. Southern Association of Colleges and Schools rule regarding Dual credit courses – Students in high school are limited to 6 hours per semester. Students must be a Junior or Senior to take Dual Credit classes.

EOC – End of Course

English Language Arts, Reading, Mathematics, Science and Social Studies will be covered. Successful completion of the EOC exams are a graduation requirement. All students will take some form of the test each year thru the end of the junior year.

Tech Prep Articulated Course – a course that could possibly convert to college credit at Wharton County Junior College. All pre-requisites are necessary and course grades must be an 80 or above. In order to receive the credit from high school, the student must attend Wharton County Junior College within 15 months of graduation, major in the required area and take 15 college hours. Once this is accomplished, the student's junior college transcript will be credited with the appropriate number of hours. For more information, please visit with the instructor.

TSI – (previously called COMPASS) Sophomore and Junior students planning to take a Dual course, must take this test as a pre-requisite to enrollment. Sophomores and Juniors should take this college entrance exam in the spring semester or summer to prepare for the Dual credit courses they wish to enroll in the following year or to prepare for the early application process for college entrance at the beginning of their Senior year. Minimum scores are established by the receiving institution. WCJC offers this exam.

FAQs**How does a Pre-AP, AP or Dual course help my Grade Point Average (GPA)?**

Students taking higher-level classes enjoy many advantages. One advantage is the opportunity for exposure to concepts and skills. Students exposed to more difficult concepts have less chance of intimidation and tend to attempt more academically. Attending class with other students interested in similar academic progress, offers exposure to competition that is usually beneficial to them. Although their grades are calculated the same as any other class, their grade points are slightly elevated as a reward for taking a more rigorous course. The grade point average is improved, **however, the grade stays the same.** The ultimate goal is to become better prepared for post-high school instruction. Being too prepared for this is rarely considered a drawback.

What if I take a Pre-AP class and mid-semester, find out it is too difficult?

The first thing to do is attend tutorials and spend more time on the subject. Typically, schedules will not be changed mid-semester for any reason to comply with state regulations. Refer to State Attendance Requirements in Student Handbook. With parent, teacher and principal approvals, the class may be changed at semester.

May I take a Credit by Exam from another institution, such as Texas Tech University?

Yes, you may. It must be approved by your counselor. If you have taken the course and failed, you must make a 70 to receive credit. If you have not had prior instruction, you must make a 90 on the exam to receive credit.

English

English I

Credit: 1

This course consists of concepts and skills in writing, language, literature, and reading. Students study and review grammar skills and apply those skills to the writing process. Students will study a variety of literary forms and selections and write compositions related to literature and life experiences. The English I course also reviews and emphasizes End-of Course I reading, writing, and language skills. Grade: 9

English I (Pre AP) pre-requisite: teacher recommendation

Credit: 1

This is a freshman honors course designed to introduce students to higher level critical thinking skills through the study of literature, composition, usage, and independent study. Emphasis will be placed on heuristic strategies designed to promote self-learning techniques. End of Course I skills will be refined. The course serves as the first-year foundation for junior and senior Advanced Placement English. In addition to in-depth analysis and a different approach to the regular content, as prescribed by the district curriculum, students will develop products on enriched activities for independent reading from the AP list. Grade: 9

English II

Credit: 1

Students will continue to improve skills in writing, language, literature and reading. They will review and study skills needed for success on the Exit Level TAKS Reading and Writing Test, as well as the End of Course II. A variety of literature will be selected for analytical and critical reading and will provide students topics for compositions and opportunities to relate literature to their own lives and experiences. Grade: 10

English II (Pre AP) pre-requisite: teacher recommendation

Credit: 1

This sophomore honors English course will expand and further develop students' higher level critical thinking skills through study of literature, composition, usage, and independent study. It will prepare the student for the end of course exam, TAKS, and serves as the second year foundation for junior and senior Advanced Placement English. In addition to in-depth analysis and a different approach to regular content, students will produce enriched activity products for an autobiography unit and advanced content material as well as following the district curriculum. Grade: 10

English III

Credit: 1

The content of English III is the study of American literature and its authors covered in a chronological order. Students will gain an understanding of how literature often evolves from history, and a brief review of American History will precede each period of literature. Essay writing skills will be stressed. Compositions will be assigned and skills refined in preparation for a research paper written in the second semester. Students will prepare for Exit Level TAKS. Grade: 11

English III (AP) pre-requisite: teacher recommendation

Credit: 1

English III (AP) is designed to prepare students for the Advanced Placement Exam, which is administered in May. Students who do not elect to take the exam, but who wish to receive honors credit for junior English, may also take this course. Students will be taught to analyze works of literature stressing the use of rhetorical devices. The study of American literature will emphasize analyzing styles of authors and comparing authors from various periods in American history. The students will write a research paper based on the works of an American author. Students will review for Exit Level TAKS and End of Course III. Grade: 11

English IV

Credit: 1

The content of English IV encompasses reading and writing skills that involve critical and analytical thinking. The course requires an examination of British literature and its authors. Students will gain an understanding of how literature evolves from history and society and how current American society continues to be impacted by British literature.

English IV (AP) pre-requisite: teacher recommendation

Credit: 1

English IV (AP) is designed to prepare students who elect to take the College Board Advance Placement English Exam in May. Students who do not elect to take the exam, but who wish to receive honors credit for senior English, may also take this course. The content of English IV (AP) encompasses reading and writing skills that involve analytical thinking. Students primarily study British literature with a few selections from world literature included. The literature provides topics for compositions in various modes of writing. Grade: 12

****EOC Remediation is available for students needing extra assistance. See your counselor for information.**

Dual English Courses – *tuition must be paid directly to WCJC*

English IV- A - English Language and Composition, 1301 Fall

Credit: .5

Pre-requisite – TSI reading and writing requirements met

3 hours WCJC credit

This course is designed to improve students' ability to think objectively and to communicate effectively. Stress is placed on clarity and effectiveness in the sentence, paragraph and whole composition. The composition is chiefly expository and assigned material is designed to increase students' ability to read objectively, to develop skills in critical analysis and to improve their style. Each student is personally responsible to purchase the textbook(s) required by WCJC. Grade: 12

English IV- B - English Language and Composition, 1302 Spring

Credit: .5

Pre-requisite – TSI reading and writing requirements met and Eng 1301

3 hours WCJC credit

The second half of English composition sequence is designed to emphasize the process of writing a research paper and analysis and interpretation of printed material. Students are encouraged to read with a degree of sophistication and to apply the basic principles of critical thinking and organization to written assignments. Each student is personally responsible to purchase the textbook(s) required by WCJC. Grade: 12

Will my Dual Credit Course transfer to the college or university?

In most cases, Wharton County Junior College credits transfer. Some institutions will want you to take classes with them. If you have questions, please call the institution(s) of your choice to get information from them in writing as to how the course may transfer. The website www.tccns.org has been helpful to many in the past. Please use it to help determine your course selections.

Mathematics

Strategic Math

Credit: 1

This course is intended to create strategic mathematical learners from underprepared mathematics students. The basic understandings will stimulate students to think about their approach to mathematical learning. These basic understandings will include identifying errors in the teaching and learning process, input errors, physiological concerns, and key cognitive skills. The essential knowledge and skills will foster a deeper understanding of the task of learning mathematical concepts. Use of personal data and statistical analysis will establish relevance and aid in creation of individualized learning plans. Students who are not successful in 8th grade on the 8th grade STAAR exam will take this math class first. Grade: 9

Mathematical Models with Applications

Credit: 1

Students use algebraic, graphical and geometric reasoning to model information and to solve problems from various disciplines. Mathematical methods are used to model and solve real-life applied problems involving money, data, chance, patterns, music, design and science. Grade: 9-12

Algebra I

Credit: 1

Course content includes the language of Algebra, operations with real numbers, open sentences in one and two variables, linear relations, inequalities, operations with polynomials, rational expressions, radical, and quadratic equations. Students will gain skills in problem solving and the use of modern technology. Grade: 9

Algebra II

pre-requisite: Algebra I

Credit: 1

This course is a continuation of the study of Algebra I. Students will solve equations using one or more variables, quadratics and high degree functions and their graphs, complex numbers, polynomials and rational expressions, coordinate geometry relationships and exponents and logarithms. Students will also continue use of modern technology in math. Grade: 10 – 12

Algebra II (PreAP)

prerequisite: Alg I and teacher recommendation

Credit: 1

This is an honors level course. Content is much the same as Algebra II, but with more emphasis on proofs, abstract work, and word problems. Grade: 10

Geometry pre-requisite: Alg I **Credit: 1**
 This course includes a study of deductive reasoning, geometry of the real world, lines, angles, triangles and other polygons and their properties, coordinate geometry, circles and geometric solids. Modern technology is utilized.
 Grade: 10

Geometry (PreAP) pre-requisite: Alg 1 and teacher recommendation **Credit: 1**
 This honors level course follows content much the same as Geometry. There will be more emphasis on proofs, abstract work and word problems. Grade: 9

Pre-Calculus (PreAP) pre-requisite: Alg 2 PAP & Geom PAP & teacher recommendation **Credit: 1**
 As honors level course with content similar to Pre-Calculus but with more emphasis on proofs, abstract work, and word problems. Modern technology will be utilized. Grade: 11 - 12

Calculus (AP) pre-requisite: Pre-Calculus PAP **Credit: 1**
 This course includes the study of functions, limits, the derivatives and differentials of algebraic functions and transcendental functions with applications; and the definite and indefinite integrals of selected algebraic forms, trig functions, hyperbolic, exponential, and log functions with applications; and the study of areas and volumes of solids of revolution. This honors level course covers the same content as college Calculus I. Students will be given the opportunity to prepare for the Advanced Placement Test in May. Grade: 12

Advanced Quantitative Reasoning pre-requisite: Algebra 2 and Geometry **Credit: 1**
 This course includes the analysis of information using statistical methods and probability, modeling change and mathematical relationships and spatial and geometric modeling for mathematical reasoning. Students learn to become critical consumers of real-world quantitative data and knowledgeable problem solvers who use logical reasoning. Students will develop critical skills for success in college and careers. Grade: 11 - 12

Beginning Algebra Sem1 **Credit: .5**
 Fundamentals of Mathematics II: Topics include real numbers, basic geometry, polynomials, factoring, linear equations, inequalities, quadratic equations and rational expressions. Calculator use is NOT allowed in this course, including the departmental final examination. An overall grade for the semester of 75 or higher indicates that the student has met the WCJC criteria for MATH 0308, and the student is prepared for WCJC 0312 Intermediate Algebra without further assessment or developmental math interventions. Grade: 12

Intermediate Algebra Sem 2 **Credit: .5**
 A study of relations and functions, inequalities, algebraic expressions and equations (absolute value, polynomial, radical, rational), with a special emphasis on linear and quadratic expressions and equations. Grade: 12

****EOC Remediation is available for students needing extra assistance. See your counselor for information.**

Dual Math Courses – *tuition must be paid directly to WCJC*

College Algebra – Math 1314 Fall pre-requisite: Alg 2 and Geom & TSI Math req. **Credit: .5**
3 hours WCJC credit

This course will include the study of quadratics, polynomial, rational, logarithmic, and exponential functions; systems of equations; progressions; sequences and series; and matrices and determinants. Each student is personally responsible to purchase the textbook required by WCJC. Grade: 12

Elementary Statistical Methods – Math 1442 Spring pre-requisite: Alg 2 and Geom & TSI req. **Credit: .5**
3 hours WCJC credit

This course will include the presentation and interpretation of data (using histograms and other charts, measures of location and dispersion, and exploratory data analysis), elementary probability and probability distribution functions (binomial, normal, t, chi-square), confidence intervals, hypothesis testing, correlation and linear regression, analysis of

variance, and the use of statistical software. Each student is personally responsible to purchase the textbook required by WCJC. Grade: 11-12

Trigonometry - Math 1316 Fall pre-requisite: Alg 2 and Geom & TSI Math req. **Credit: .5**
3 hours WCJC credit

This course includes practical trigonometry including the study of right triangles, oblique triangles, logarithms and circular measure. Analytical trigonometry includes trigonometric identities and equations. Each student is personally responsible to purchase the textbook(s) required by WCJC. Grade: 11 - 12

Pre-Calculus - Math 2312 Spring pre-requisite: TSI – Math 1316 **Credit: .5**
3 hours WCJC credit

Applications of algebra and trigonometry to the study of elementary functions and their graphs; and selected topics from analytical geometry will be covered. Each student is personally responsible to purchase the textbook(s) required by WCJC. Grade: 11 - 12

Calculus I – Math 2413 Fall pre-requisite: TSI – Math 2312 **Credit: .5**
4 hours WCJC credit

This course includes the study of functions, limits, the derivatives and differentials of algebraic functions and transcendental functions with applications; and the definite and indefinite integrals of selected algebraic forms, trig functions, hyperbolic, exponential, and log functions with applications; and the study of areas and volumes of solids of revolution. Each student is personally responsible to purchase the textbook(s) required by WCJC. Grade: 12

Calculus II – Math 2414 Spring pre-requisite: TSI – Math 2413 **Credit: .5**
4 hours WCJC credit

This course includes the differentiation of transcendental functions with application; the integration of algebraic and transcendental functions with applications approximate integration, indeterminate forms, and improper integrals. Each student is personally responsible to purchase the textbook(s) required by WCJC. Grade: 12

Will my Dual Credit Course transfer to the college or university?

In most cases, Wharton County Junior College credits transfer. Some institutions will want you to take classes with them. If you have questions, please call the institution(s) of your choice to get information from them in writing as to how the course may transfer. The website www.tccns.org has been helpful to many in the past. Please use it to help determine your course selections.

Science

IPC **Credit: 1**

This course is a preparatory course for chemistry and physics and will be oriented toward problem solving and laboratory techniques. Areas to be covered are the metric system, atomic structure, chemical reaction, forces, motion and energy. Forty percent (40%) of the course will involve hands-on activities and laboratory work. Grade: 9

Biology **Credit: 1**

This is a broad survey course of many biological topics such as biochemistry, genetics, biotechnology, microbiology, botany and zoology. The use of the compound microscope is highly emphasized. Insect projects are conducted in the spring. Forty percent (40%) of the course involves laboratory techniques, fieldwork and hands-on activities. Grade: 9-10

Pre-AP Biology **Credit: 1**

A lab-oriented, honors level course that studies biological processes and organisms in greater depth and at a faster pace than Biology I courses. Individual labs and cooperative lab groups will be used to study topics that require an exploratory or investigative approach. Students who wish to pursue careers in the environment or bio-technical fields are encouraged to take this expanded course of biological study. Forty percent (40%) or more of the course will involve hands-on activities, laboratory work and field collection of organisms. Grade: 9

Anatomy & Physiology**Credit: 1**

pre-requisites: Biology I and Chemistry I (can be taken concurrently with Chemistry)

Students will study human biology topics contained in the course outline provided by WCJC. Emphasis will be on biochemistry, cellular processes, integumentary system, skeletal system, muscular system, nervous system, endocrine system, and clinical applications. Students participate in 50 % or more hands-on and laboratory activities.

Grade: 11-12

Chemistry

pre-requisite: Alg. I, Biology concurrent

Credit: 1

Chemistry is the study of matter and the changes that matter undergoes. This course includes topics such as; atomic structure and theory, trends of the periodic table, chemical bonding and nomenclature, chemical reactions and equations and the study of solids, liquids and gases. Forty percent of the class will involve hands on activities and laboratory work. Grade Placement: 10-12

Pre-AP Chemistry

pre-requisite: Alg. I, PreAP Biology concurrent

Credit: 1

Chemistry is the study of matter and the changes that matter undergoes. This course includes topics such as; atomic structure and theory, trends of the periodic table, chemical bonding and nomenclature, chemical reactions and equations and the study of solids, liquids and gases. Forty percent of the class will involve hands on activities and laboratory work. Grade: 10 - 12

AP Chemistry (2019-2020)

pre-requisite: teach rec. Chem PAP, Alg. II&Pre-Calculus or concurrent Pre-Cal

Credit: 1

This is an advanced college-level course with much emphasis placed on preparing to take the AP Chemistry exam. Topics include chemical reactions, stoichiometry, chemical equilibrium, thermodynamics, kinetics, molecular forces, solubility and nuclear chemistry. Forty percent of the class will involve laboratory work with greater emphasis on results at the end of the lab. Students should be prepared to devote several hours per week of individual study time. Grade Placement: 11 - 12

Physics

pre-requisite: Algebra I

Credit: 1

This course provides a conceptual background in classical physics topics such as motion, force and energy, as well as, light, sound and electricity and magnetism. Emphasis is placed on understanding basic concepts and relating them to personal experience. Creative laboratory experiences facilitate this process. This approach will stimulate higher level cognitive skills and requires basic algebra skills. Grade: 10 - 12

Pre-AP Physics

pre-requisite: Algebra I, Geometry

Credit: 1

This course provides a rigorous and quantitative background in classical physics with emphasis on kinematics, dynamics and forms of energy, including heat, light, sound and electricity. Emphasis is placed on problem solving and scientific and graphical analysis processes. Both creative and advanced laboratory experiences are included. Intermediate algebra skills are required. Grade: 10 - 12

AP Physics (2018-2019)

pre-requisite: Physics and Pre-Calculus (prior or concurrent)

Credit: 1

This course is ideally a second year course that will reinforce and build on knowledge and skills acquired in the first year physics course. In addition to being fast paced, it will require a commitment to taking the AP test in May, and devoting time outside of class in the Spring, needing to prepare for the AP Test. A passing grade on the AP exam provides college credit in a first year algebra (non-calculus based physics that satisfies the requirements for pre-med and other general science degrees at other universities.) Concurrent enrollment in calculus is recommended. Grade: 11 - 12

Forensic Science

pre-requisite: successful completion of biology and chemistry

Credit: 1

Forensic Science is an introductory course in which students will have the opportunity to explore how scientific principles are used in analyzing physical evidence found at crime scenes and to be introduced to the wide array of career choices in forensics. The fundamental objective is to teach the basic processes and principles of scientific thinking to apply

them to solving problems that are related not only to science but to all disciplines. The focus will be to introduce students to some of the specialized fields of forensic science, the principles of science and technology upon which they are based, and the application of these principles to various analyses of crime scene evidence. This course will make science real for the CSI generation. Grades: 11 - 12

****EOC Remediation is available for students needing extra assistance. See your counselor for information.**

Dual Science Courses – *tuition must be paid directly to WCJC*

Biology and Anatomy/Physiology are offered alternating years.

Anatomy & Physiology – WCJC Biol 2401 – Fall 2017

Credit: .5 (4 hours WCJC)

pre-requisites: Biology I, Chemistry I, TSI requirements (can be taken concurrently w/Chemistry)

Students will study human biology topics contained in the course outline provided by WCJC. Emphasis will be on biochemistry, cellular processes, integumentary system, skeletal system, muscular system, nervous system, endocrine system, and clinical

applications. Students participate in 50 % or more hands-on and laboratory activities. College degrees involving health sciences, physical therapy, kinesiology, nutrition, forensics, and sports science require this course, or it may be used as an elective course for other degrees. College credit will transfer to Texas' state-supported universities and most private universities. Grade: 11-12

Anatomy & Physiology – WCJC Biol 2402 – Spring 2018

Credit: .5 (4 hours WCJC)

pre-requisites: Biology I, Chemistry I, TSI requirements (can be taken concurrently w/Chemistry)

Students will study human biology topics contained in the course outline provided by WCJC. Emphasis will be on cardiovascular system, lymphatic system, immune system, respiratory system, digestive system, urinary system, reproductive system, forensics, and clinical applications. Students participate in 50 % or more hands-on and laboratory activities. College degrees involving health sciences, physical therapy, kinesiology, nutrition, forensics, and sports science require this course, or it may be used as an elective course for other degrees. College credit will transfer to Texas' state-supported universities and most private universities.

Grade: 11-12

For planning purposes the following will be offered 2018-19

Biology – Biol 1406 – Fall 2017

Credit: .5 (4 hours WCJC credit)

pre-requisite: Biology, Chemistry, TSI requirements, (Chemistry and Biology Dual may be taken concurrently)

Students will study biological topics contained in the course outlines provided by WCJC and the College Board. Emphasis is on cytology, molecular biology, bio-chemistry, genetics and biotechnology. Students participate in 50% hands-on and laboratory activities. Most college degrees require this course as core or it may be used as an elective course for other degrees. College credit will transfer to Texas' state-supported universities and most private universities. Grade: 11 - 12

Biology – Biol 1407 – Spring 2018

Credit: .5 (4 hours WCJC credit)

pre-requisite: Biology 1406, TSI requirements (Chemistry and Biology Dual may be taken concurrently)

Students will study biological topics contained in the course outlines provided by WCJC and the College Board. Emphasis is on taxonomy, botany, zoology, anatomy, physiology, evolutionary biology, and ecology. Students participate in 50% hands-on and laboratory activities. Most college degrees require this course as a core course or it may be used as an elective course for other degrees. College credit will transfer to Texas' state-supported universities and most private universities. Grade: 11 - 12.

Social Studies

World Geography

Credit: 1

This course will offer students the opportunity to understand the basics of both physical and cultural geography. Geographical terms and tools will be studied and used. The societies, cultures and economics of the various regions will be studied and compared. The use and abuse of natural resources will be a topic of concern as will the urbanization process and its impact on the world. Grade : 9

World Geography PAP**Credit: 1**

The honors curriculum is designed to challenge students beyond the regular course. This course will offer students the opportunity to understand the basis of both physical and cultural geography. Geographical terms and tools will be studied and used. The societies, cultures and economics of the various regions will be studied and compared. The use and abuse of natural resources will be a topic of concern as will the urbanization process and its impact on the world. Grade: 9

World History**Credit: 1**

A course designed to provide an understanding of the development of early civilizations and the development of western civilization as well as other areas of the world. The influence of geography on the development of history is also explored. The course is taught thematically with students encouraged to make comparisons between different developments in history. Historiography tools will be emphasized, and students will utilize original source materials. Grade: 10

Pre AP World History

pre-requisite: W. Geog. PAP & teacher rec. – Eng II (H) encouraged

Credit: 1

The honors curriculum is designed to challenge students beyond the regular course and should be considered a preparation for AP US History. Emphasis will be placed on writing and reading skills. Individual research will be undertaken and students will analyze original source documents. Grade: 10

United States History – 1877 to the Present**Credit: 1**

This course covers the period from Reconstruction to the present and includes the emergence of the United States as a world power. Students will study the economic, social, cultural and political development of the US and gain skills needed for the end of course exam (EOC). Grade: 11

AP United States History

pre-requisite: W Hist Pre-AP – Eng III (H) encouraged

Credit: 1

This course is presented as a college level class and students should be prepared to devote several hours per week outside of class. A college level textbook as well as a variety of supplemental readings will be used. Students will be expected to analyze and synthesize original source documents in a variety of mediums. Analytical essay writing will be an integral part of the course. Students will be given the opportunity to prepare for both the end of course exam (EOC) and the College Board Advanced Placement US History test. Grade: 11

United States Government**Credit: .5**

This course covers the foundations and development of the US governmental system. The background, structure and functions of the three branches of government will be covered on the national, state and local levels. The political process, personal responsibility and the basic beliefs of democracy will be stressed. Comparisons will be made to other forms of government. Grade: 12

AP United States Government

pre-requisite: successful completion of US Hist AP/Dual

Credit: .5

Following the same curriculum as the regular course, US Government Honors will emphasize hands on participation in the various processes of government. Students will be encouraged to develop critical thinking skills and become aware of current developments that pertain to national, state and local governments. Grade: 12

Economics**Credit: .5**

This course covers the foundation, benefits and operation of the American free enterprise system. The role of the government in the economy will be closely examined. The basics of consumer economics will also be included. Grade: 12

AP Economics

pre-requisite: successful completion of US Hist AP/Dual

Credit: .5

Following the same curriculum as the regular course, Economics (H) will use a variety of hands on projects to introduce the students the concepts of economics. Individual and group research will be utilized. Grade: 12

Personal Financial Literacy**Credit: .5**

This course will develop citizens who have knowledge and skills to make sound, informed financial decisions that will allow them to lead financially secure lifestyles and understand personal financial responsibility. The knowledge gained in this course has far-reaching effects for students personally as well as the economy as a whole. Grade: 10-12

****EOC Remediation is available for students needing extra assistance. See your counselor for information.**

Dual Social Studies Courses – *tuition must be paid directly to WCJC*

U S History A – Hist 1301 pre-requisite: TSI reading and writing requirement **Credit: ½ (3 hours WCJC credit)**

This course surveys beginning with the European background for the discovery of America and continuing to the close of Reconstruction in 1877. Social, economic, cultural, military, political, and diplomatic developments are emphasized. The diversity of the American culture is stressed and the wide varieties of contributions from all Americans are included. (ITV) Each student is personally responsible to purchase the textbook(s) required by WCJC. Grade: 11 - 12

U S History B – Hist 1302 pre-req: TSI reading & writing requirement **Credit: ½ (3hours WCJC credit)**

This course is a continuation of HIST 1301, covering the period from the close of Reconstruction to the present, with emphasis upon the United States in the contemporary world. (ITV) Each student is personally responsible to purchase the textbook(s) required by WCJC. Grade: 11 - 12

***Government – Govt 2301** pre-req: TSI requirement **Credit: ½ (3 hours WCJC credit)**

American National and State Government: Constitutions, Federalism and Participation

This course surveys the American national and state systems of government. Topics covered include: political ideology; the origins and development of the Constitution of the US and the Constitution of Texas; principles of federalism and federal-state-local governmental relations; instruments and methods of political participation; and the various forms of local government. Legislative requirements for a course on the Constitutions of the US and Texas teacher certification are met. Each student is personally responsible to purchase the textbook(s) required by WCJC. Grade: 12

***Government - Govt 2302** pre-req: TSI requirement **Credit: ½ (3 hours WCJC credit)**

American National and State Government: Institutions, Rights and Public Policies

This course surveys the legislative, executive and judicial branches of the national government and of the State of Texas. The course also encompasses a study of civil rights, civil liberties and public policy. Each student is personally responsible to purchase the textbook(s) required by WCJC. Grade: 12

* *Bay City I S D has been granted special circumstances regarding the high school Government credit. When students take Government on any college campus, both 2301 and 2302 must be taken in order to meet all of the Texas Essential Knowledge Skills required for High School graduation. Since we offer Government on our campus, with our teachers, we are able to cover those extra requirements during the extra class time during the Fall semester of Govt 2301. Students must take Govt 2301 for high school government credit on our campus.*

Will my Dual Credit Course transfer to the college or university?

In most cases, Wharton County Junior College credits transfer. Some private institutions will want you to take classes with them. If you have questions, please call the institution(s) of your choice to get the information from them in writing. The website www.tccns.org has been helpful to many in the past. Please use it to help determine your course selections.

AVID I, II, III and IV– Advancement via Individual Determination **Credit: 1**

AVID is a nationally recognized program designed to assist students who have college potential by providing additional support. There is emphasis on analytical writing, preparation for college entrance and placement exams, college study skills and test taking, note taking and research. Students receive the support and guidance from a structured curriculum, college tutors and AVID teacher assistance as they experience success in a rigorous academic curriculum. Students in AVID II have more interaction with colleges including speakers, visits, and seminars and testing requirements for admission. Students must apply for this program and meet selection requirements. Grade: 9 – 12

Computer Science I **Credit: 1**

Introduction to Computer Science is intended as a first course for those students just beginning the computer science studies. There are two goals for the course. First the course is meant to stand alone as a means to teach students about the computing tools that they already use every day and no doubt will use for the rest of their lives. The second goal of this course is to introduce those students that wish to continue their studies of computer science to the problem solving and reasoning skills they will need to be successful in subsequent computer science courses. Grade: 10-12