

Ben Bolt – Palito Blanco



High School

Academic Handbook

2017 – 2018

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Preface

Administration and Student Services

These are the people you should contact if you have questions about the information in this guide.

High School Office

High School PrincipalTerry Young
High School CounselorOlga Monsevais
Campus SecretaryGracie Pena

Central Office

Superintendent of Schools Dr. Tim Little
Special Education Director Camille Burger

Foreword

This guide is intended for the use of both parents and students and represents our efforts to provide important information about the academic programs at Ben Bolt-Palito Blanco High School.

This booklet has been assembled using information from the Texas Education Agency (TEA) and by listing the courses that Ben Bolt-Palito Blanco High School generally makes available to students. ***Not all of the courses listed will be scheduled every year.*** It may not be possible to schedule classes for which only a few students enroll, and it may be necessary to schedule such classes on an alternate-year basis or to eliminate them. Numbers of student requesting a specific course and the availability of staff to teach the course are the determining factors as to whether or not a course is scheduled.

Students are urged to study this booklet along with the ***Student Handbook*** as they plan their graduation programs. All information contained in this publication is a district interpretation of the State Board of Education (SBOE) adopted amendments to the graduation requirements. If the SBOE and the Texas Education Agency clarify the requirements, parents will be notified on the Ben Bolt-Palito Blanco Independent School District website at <http://www.bbpbschools.net>.

Non-Discrimination Statement

It is the policy of Ben Bolt-Palito Blanco ISD not to discriminate on the basis of race, color, national origin, sex, or disability in its vocational programs, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, amended.

Esnorma de Ben Bolt-Palito Blanco no discriminar pormotivos de raza, color, origennacional, sexo o impedimento, ensusprogramas, servicios o actividades vocacionales, talcomo lo requieren el Titulo VI de la Ley de Derechos Civiles de 1964, segunenmienda; el Titulo IX de las Enmiendas en la Educacio, de 1972, y la Seccion 504 de la Ley de Rehabilitacion de 1973, segunenmienda.

How to Use This Planning Guide

Planning a four-year high school program is an important undertaking. The courses you select should be guided by your plans for the future. As the world becomes smaller due to technological advances, it becomes increasingly more important to your future for you to choose a challenging course of study. Your course selections should reflect your desire to prepare for life after high school. Choosing your courses should be guided by your interests as well as your abilities. Choosing rigorous courses that meet your needs or interests is the best way to prepare for your future.

YourFreeCareerTest

<http://yourfreecareertest.com>

If you're not sure what you kind of career you might be interested in pursuing, you might consider taking a career interest inventory. A free one can be found on the [YourFreeCareerTest](http://yourfreecareertest.com) website.

In this guide, you will find information regarding the graduation requirements and plans that are available to you, along with information related to career planning. These pages will help you to personalize your plan. There are also descriptions of the courses offered at BBPB HS and a planning worksheet for you to use in mapping out your graduation plan. If you have questions or concerns, you should talk to the high school counselor.

Some courses, even though they are listed in this guide, may not be offered each school year. When students request a course for the following school year, they are basically reserving a seat in that class. When determining which courses to offer – and the number of course sections needed – student interest, teacher availability, and the availability of equipment and supplies are major considerations. Courses with little or no student interest will not make it into the master schedule. Therefore, students should think carefully about the courses they want or need to take in order to satisfy their graduation plan. Once course requests are submitted and processed, changes will be made only for extenuating circumstances. Many courses are offered only once, while others are either very popular and/or are required for graduation and fill up quickly. If space in a class is limited, seniors will be given preference over lower classmen. For these reasons, schedule change requests may not be honored, and students are encouraged to carefully select their courses the first time.

Grade Level Classification

All incoming 9th grade students are classified as freshmen. After the ninth grade, students are classified according to the number of credits they have earned toward graduation.

Credits Earned	Classification	Grade Level
6	Sophomore	10
12	Junior	11
18	Senior	12

High School Graduation Requirements

Students who are enrolling in 9th grade for the first time after the 2014-2015 academic year must enroll in the **Foundation High School Program (FSHP)**. Students enrolling in this program for the first time must meet with the High School counselor and complete a personal graduation plan (PGP) before courses can be scheduled.

The FHSP consists of two parts, a foundational program of core classes that every student must complete, and additional advanced courses that are related to a specific field of study known as an **endorsement**.

The student must specify an endorsement area at the time the personal graduation plan is completed. Students may change Endorsements through their junior year without restrictions. Students may earn an endorsement in one of the following areas:

1. Business and Industry
2. Arts and Humanities
3. STEM (Science, Technology, Engineering, or Mathematics)
4. Public Service
5. Multidisciplinary Studies

A **Distinguished Performance Acknowledgement** can be earned through outstanding performance in a dual credit course; on an AP, PSAT, ACT, or SAT test; or by earning a nationally or internationally recognized business or industry certification or license. The endorsement or distinguished performance acknowledgement will be clearly indicated on the student's diploma and transcript.

Students must also meet the passing standard on the five mandatory STAAR/End-of-Course exams: English 1, English 2, Algebra 1, Biology, and U.S. History. Students who do not meet the Level II passing standard on any of these tests may be placed in a remedial course so they may receive additional instruction and be better prepared for the retest. STAAR/EOC exams are originally given in May of each year; retests are provided in June and December.

Core Requirements

The FHSP with endorsements is a flexible program that allows students to pursue their interests and follow a course of study that will prepare them for success after high school.

The program contains up to four parts:

- A 22-credit foundation plan (plus 2 locally required credits) which is the core of the Texas high school diploma program
- Five endorsement options that allow students to focus on a related series of courses
- A higher performance category called Distinguished Level of Achievement
- Performance Acknowledgments that note outstanding achievement in specific areas

The Foundation High School Program requirements (22 state credits plus 2 local credits) are summarized in the following table.

Subject	Credits	Required Courses
State Requirements		
English	4	English I English II English III <i>Advanced English</i>
Mathematics	3	Algebra I Geometry <i>Advanced Mathematics</i>
Science	3	Biology Integrated Physics & Chemistry OR <i>Advanced Science</i> <i>Advanced Science</i>
Social Studies	3	World History OR World Geography US History US Government (½ credit) AND Economics (½ credit)
Languages Other Than English	2	2 credits in the same language OR Computer Science I AND Computer Science II
Physical Education	1	Foundations of Personal Fitness OR Individual and Team Sports OR Athletics
Fine Arts	1	Any Fine Arts credit (see course descriptions)
Electives	5	See course descriptions
TOTAL	22	
Local Requirements		
Speech	½	Professional Communications OR Any Dual Credit Speech
Health	½	Health Education
Principles of Technology	1	Principles of Technology
TOTAL	2	
Total Required Credits	24	

Endorsements to the Foundation HSP

A student may earn any of the following endorsements by successfully completing:

- Curriculum requirements for the endorsement
- Four credits in mathematics
- Four credits in science
- Two additional elective credits

The total credits for the Foundation HSP with an Endorsement are 26, plus 2 locally required credits, for a total of 28.

The following Endorsements are available to students enrolled at Ben Bolt – Palito Blanco High School:

STEM	Business & Industry	Public Services	Arts & Humanities
Includes courses directly related to: <ul style="list-style-type: none"> • Mathematics • Science 	Includes courses directly related to: <ul style="list-style-type: none"> • Ag Animal Systems • Ag Plant Systems • Ag Power Systems • Construction • Audio Visual Technology & Film • Banking & Finance • Graphic Design 	Includes courses directly related to: <ul style="list-style-type: none"> • Education & Training • Health Science • Law enforcement 	Includes courses directly related to: <ul style="list-style-type: none"> • English • Spanish Cultural Studies • Fine Arts • History
Multidisciplinary Studies <i>There are 3 ways students may earn this endorsement.</i>			
Complete four credits in each of the four foundation high school subject areas. Must include: <ul style="list-style-type: none"> • English IV • Chemistry and/or Physics 	Complete four credits in AP or Dual-Credit classes in the following areas: <ul style="list-style-type: none"> • English • Mathematics • Science • Social Studies • Economics • Languages other than English • Fine Arts 	Complete four advanced courses that prepare a student to enter the workforce successfully. <ul style="list-style-type: none"> • These can be dual credit classes taken on college campuses (as long as the course is not a remedial/developmental level class) • These four classes can be within one endorsement area or several endorsement areas. 	

Distinguished Level of Achievement

The Distinguished Level of Achievement opens a world of educational and employment opportunities. It will:

- allow you to compete for Top 10% automatic admissions eligibility at any Texas public university,
- position you among those first in line for a TEXAS Grant to help pay for university tuition and fees (must be financially qualified), and
- ensure you are a more competitive applicant at the most selective colleges and universities.

It requires more math and more science than the Foundation High School Program; specifically...

- A total of four credits in math, including Algebra II;
- A total of four credits in science; and
- Successful completion of an endorsement in your area of interest.

Advantages of the Distinguished Level of Achievement:

- Opportunity to earn an endorsement in an area of interest
- More college and university options
- More financial aid options
- Better preparation for college-level coursework at community/technical colleges and universities
- Opportunity for immediate enrollment in classes related to your chosen field of study
- Strong foundation to successfully complete an industry workforce credential or college degree

For more information, visit any of these state agencies:

	Texas Education Agency	http://www.tea.texas.gov
	Texas Higher Education Coordinating Board	http://www.thecb.state.tx.us
	Texas Workforce Commission	http://www.twc.state.tx.us

Performance Acknowledgements

A student can earn performance acknowledgements in several different areas including:

- outstanding performance in a dual-credit course
- outstanding performance in bilingualism and biliteracy
- outstanding performance on a College Board Advanced Placement (AP) test or International Baccalaureate (IB) exam
- outstanding performance on the PSAT, the ACT-PLAN, the SAT, or the ACT
- earning a nationally or internationally recognized business or industry certification or license

Credit by Exam

A student may be eligible to earn credit for a course by passing an examination. The procedures for earning credit by examination differ depending on whether or not the student has already taken the course.

Credit by Exam – If a Student Has Taken the Course

The principal or designee or the attendance committee, as applicable, shall have authority to offer a student the opportunity to demonstrate mastery in a subject or to earn course credit by examination when the student has had prior instruction in a subject and when:

1. The student is enrolling in the District from a non-accredited school [see FD];
2. The student has failed a subject or course; or
3. The student has earned a passing grade in a subject or course but has failed to earn credit because of excessive absences [see FEC].

Examinations shall assess the student's mastery of the essential knowledge and skills and shall be administered according to established District procedures.

Prior to offering a student an opportunity to demonstrate mastery or earn credit by this method, an appropriate District employee shall review the student's educational records to determine whether the student has had prior instruction in the subject or course.

Credit by Exam – If a Student Has NOT Taken the Course

The District shall give a student in grades 6–12 credit for an academic subject in which the student has received no prior instruction if the student scores:

1. A three or higher on a College Board advanced placement examination that has been approved by the Board for the applicable course;
2. A scaled score of 60 or higher on an examination administered through the College-Level Examination Program and approved by the Board for the applicable course; or
3. Eighty percent or above on any other criterion-referenced test approved by the Board for the applicable course.

If a student is given credit in a subject on the basis of an examination on which the student scored 80% or higher, the District shall enter the examination score on the student's transcript and the student is not required to take an end-of-course (EOC) assessment instrument under Education Code 39.023(c) for the course.

Speak to the Principal or Counselor to schedule an exam.

Advanced Placement Courses (AP)

With a qualifying AP exam scores, students can earn credit, advanced placement, or both at the majority of colleges and universities in the U.S. and Canada. The benefits of taking AP courses are many, including...

- AP students succeed in college. Research shows that AP students tend to earn higher GPAs than non-AP students & are more likely to graduate from college in 4-5 years.
- AP credits are attractive. The presence of AP courses on a student's transcript indicates that the student has challenged him- or herself by taking rigorous college-level courses.
- AP provides opportunities for low-income students. Fee reductions are available to low-income students and a qualifying AP exam score allows students to earn college credit without having to pay tuition and fees for that class. (There is a fee for taking an AP test, but it is minimal in comparison.)
- AP is an open-enrollment program. Any student may take an AP course; no entrance exam is required.



<https://apstudent.collegeboard.org/home>

If you would like more information about *Advanced Placement* courses or exams, please visit the College Board website or speak with your high school counselor.

The following AP Courses are offered at BBPB HS. Some of these courses are offered through the Texas Virtual School Network and are not face-to-face courses.

- AP English Language & Composition (English III)
- AP English Literature & Composition (English IV)
- AP World History
- AP U.S. History
- AP U.S. Government and Politics
- AP Microeconomics
- AP Calculus
- AP Chemistry
- AP Biology
- AP Physics I

Pre-Advanced Placement Courses (Pre-AP)

Some courses in the course catalog are identified as Pre-AP. These are advanced courses designed to prepare a student to be successful in a later AP course.

The Advanced Placement (AP) program is a cooperative educational endeavor between secondary schools and colleges and universities. It allows high school students exposure to college-level material through

involvement in an AP course. The purpose of the Pre-Advanced Placement (PAP) courses is to provide students the opportunity to develop skills that will enable them to be successful in AP courses. Ben Bolt – Palito Blanco ISD offers Pre-AP courses beginning in the 6th grade, and AP programs at the High School.

AP students demonstrate what they have learned by taking an AP Exam. Colleges and universities often grant credit, placement, or both, to students depending on their AP exam scores. Typically, successful Pre-AP/AP students are task-oriented, proficient readers, able to prioritize their time, and have parental support.

The content and curricular goals of each AP discipline are outlined in an *AP Course Description* supplied by the College Board at www.collegeboard.org. AP courses are characterized by an immersion in college-level content, an accelerated pace, and a performance assessment at the synthesis and evaluative levels. AP and Pre-AP courses prepare students for the future by giving them tools that will serve them well throughout their college career.

Required Academic Standing

To enroll in a Pre-AP or AP course, a student must have earned a passing grade in a prior, related Pre-AP or AP course, or a grade of 85 or higher in a related regular course. The student must also have earned a passing grade on a related STAAR or STAAR-EOC exam taken in the prior year.

These requirements may be waived at the request of the parent with the permission of (1) the campus principal, and (2) the teacher of the course.

AP Contract

Students and their parents (or guardians) must sign an AP contract prior to enrolling in pre-AP or AP courses. The contract outlines general course expectations and prerequisites for the courses, as well as an honor policy.

AP Testing

AP exams are college level placement tests taken by high school students. The AP courses offered at Ben Bolt High School each year are designed to prepare students for the AP exams in May. Colleges and universities may offer credit to students who score a 3, 4, or 5 on these tests. Because the AP policies of colleges and universities vary greatly, students should check with the admissions office of the schools they are interested in or online at <http://www.collegeboard.org> to verify what scores are necessary to obtain credit. Scores are not usually made available until July of the testing year. There is a fee to take the AP exams.

Students completing an AP course are **REQUIRED** to take the corresponding AP exam in order to receive credit for the class. Credit is not contingent upon achieving a specific score on the AP exam. There is a fee associated with taking the AP exam. For the 2017 – 2018 school year, the fee is \$92. Fee waivers and reductions are available for lower income students, and federal, state, and district programs are available to help qualified students reduce the cost of these exams. For more information about these programs, please contact the high school counselor. There are no testing requirements or fees associated with taking Pre-AP courses.

Dual-Credit Courses

Qualified students in grades 9 – 12 may take dual-credit courses and earn up to 60 hours of college credit while still in high school. This makes earning an Associate degree while still in high school a possibility for highly motivated students.

 <p>Coastal Bend COLLEGE</p> <p>http://www.coastalbend.edu/</p>	<p>Ben Bolt – Palito Blanco High School partners with <i>Coastal Bend College</i> to provide dual credit programs to our students.</p>
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Taking college classes while in high school can result in a huge savings on the cost of attending college. Dual credit courses typically cost between \$150 and \$300 per course per semester, plus the cost of textbooks, which range from \$50-\$150 each. This is a small fraction of the cost of the same classes that students take in college after high school graduation. In addition, BBPB HS will pay the tuition costs of up to 36 hours of dual credit courses for each student. See [Dual Credit Tuition](#) below.

The complete list of advantages offered by dual credit courses include:

- Seamless transition from high school to college
- Greater likelihood of success in subsequent collegiate work
- Greater likelihood of earning a high school diploma and a college degree
- Reduced cost of enrolling in higher education courses
- Opportunity to access college facilities and resources such as tutoring services, computer labs and counseling services
- Enhances skills required to be successful at the collegiate level such as time management skills, critical thinking skills, study skills and following directions and procedures

Dual credit grades are weighted as [Level 2](#) or [Level 3](#) courses for the calculation of grade point averages and class rank. Please see [local policy EIC](#) for details on how course grades are converted to grade points.

Texas Core Curriculum

The Texas Higher Education Coordinating Board (THECB) has established a 42 hour core curriculum for all undergraduate students in Texas. These courses may be taken at any public university or community college in the state and the credits will transfer to any other public university or community college. Please visit the THECB website (<http://www.thecb.state.tx.us>) for more information. You can find the Texas Core Curriculum under the *Division of Academic Quality and Workforce* section of the website.

When deciding on the courses to take, it is strongly recommended that students focus on completing the 42 hour core curriculum first. ***The high school will only pay tuition for courses selected from the Texas Core Curriculum.***

Texas Success Initiative

Students wanting to enroll in dual credit courses must earn a passing score on the Texas Success Initiative (TSI) exam. Passing scores on this exam are established by Coastal Bend College, and vary depending on the year in which a student first begins taking college level courses.

Exemptions to TSI

Students may earn an exemption to TSI by meeting one of the following standards:

MATHEMATICS

STAAR Algebra I	Level 2 final recommended score & passing grade in Algebra II
PSAT/NMSQT	Combined score of 107 with a 50 or higher on mathematics test
PLAN	Composite score of 23 with a 19 on mathematics test
ACT-Aspire	Score of 431 or higher on mathematics test
ACT	Composite score of 23 with a 19 on mathematics test
SAT	Score of 530 on the mathematics test

READING & WRITING

STAAR English II	Level 2 final recommended score
PSAT/NMSQT	Combined score of 107 with a minimum of 50 on reading test
PLAN	Composite score of 23 with a 19 on English test
ACT-Aspire	Score of 435 or higher on English test
ACT	Composite score of 23 with a 19 on English test
SAT	Score of 480 on the Evidenced Based Reading and Writing (EBRW) test

Passing scores on the TSI are established by Coastal Bend College, and vary depending on the year in which a student first begins taking college level courses.

Student Commitment

Dual credit courses, whether taken online, via distance learning, or in a face to face setting, require a significant time commitment. These courses require discipline, organization skills, and the ability to self-teach and learn without a teacher explaining things. To put it in other words, **dual-credit courses are HARD**.

Before registering for dual credit courses, it is important to discuss your plans with your parents, your teachers, and your counselor to ensure that

Dual Credit Tuition

Ben Bolt – Palito Blanco High School will pay tuition for students enrolled in dual credit courses according to the following schedule:

Freshmen	6 hours
Sophomores	6 hours
Juniors	12 hours
Seniors	12 hours
TOTAL	36 hours

The following restrictions apply on courses paid for by the district:

- Students must sign a dual credit contract each year prior to registering for dual credit courses.
- Students must earn a passing grade in the course or reimburse the district for the cost of the course. A course grade of “D” is considered to be a passing grade.
- Textbooks and fees are the responsibility of the student.
- Only courses from the Texas Core Curriculum or the Welding Certification are eligible.
- Dual credit will be awarded only for courses that are preapproved by the high school principal.

Earning an Associate Degree

It is possible for a highly committed student to earn an Associate degree prior to high school graduation. To do so, the student must complete the **42 hours** of credits from the Texas Core Curriculum, plus **15 hours** of elective credits in their major or minor field of study, plus an additional **3 hour** degree designation course. A student who selects a degree designation course from the core arts, language, philosophy, or culture courses will earn an Associate of Arts degree, and a student who selects a degree designation course from the core mathematics, life sciences, or physical sciences courses will receive an Associate of Science degree.

Core Curriculum Courses

This section summarizes the courses that satisfy the 42 hour Texas Core Curriculum requirements. A planning guide can be found as an Appendix to this guide. **Only courses listed in this section are eligible for tuition payment by Ben Bolt – Palito Blanco High School.**

Component Area

A total of **6 credit hours** in this area are required. All students seeking an Associate degree must complete these two courses. The EDUC 1300 course is required for all new CBC students and may be taken with other courses.

<u>DEPT</u>	<u>CRS #</u>	<u>CRS TITLE</u>	<u>LOC</u>	<u>HOURS</u>	<u>TSI REQUIREMENT</u>	<u>CRS LVL</u>
REQUIRED COURSES						
EDUC	1300	Learning Frameworks	BBPB	3	None	Level 3
BCIS	1305	Business Computer Applications	ONLINE	3	None	Level 3

Communications

A total of **6 credit hours** in Communications are required.

<u>DEPT</u>	<u>CRS #</u>	<u>CRS TITLE</u>	<u>LOC</u>	<u>HOURS</u>	<u>TSI REQUIREMENT</u>	<u>CRS LVL</u>
REQUIRED COURSES						
ENGL	1301	Composition I	ONLINE	3	Reading & Writing	Level 3
ADDITIONAL COURSES – SELECT <u>ONE</u> OF THE FOLLOWING						
ENGL	1302	Composition II	ONLINE	3	Reading & Writing	Level 3
ENGL	2311	Technical and Business Writing	ONLINE	3	Reading & Writing	Level 3
SPCH	1312	Professional Communications	BBPB	3	None	Level 3

Mathematics

A total of **3 credit hours** in Mathematics are required.

<u>DEPT</u>	<u>CRS #</u>	<u>CRS TITLE</u>	<u>LOC</u>	<u>HOURS</u>	<u>TSI REQUIREMENT</u>	<u>CRS LVL</u>
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REQUIRED COURSES

No specific required course

ADDITIONAL COURSES – SELECT **ONE** OF THE FOLLOWING

MATH	1314	College Algebra	ATC	3	Mathematics	Level 3
MATH	1324	Mathematics for Business I	ONLINE	3	Mathematics	Level 3
MATH	1332	Contemporary Mathematics	ONLINE	3	Mathematics	Level 3
MATH	1442	Statistics	ONLINE	3	Mathematics	Level 3
MATH	2412	Pre-Calculus Mathematics	ONLINE	3	Mathematics	Level 3

Science

A total of **6 credit hours** in Science are required.

<u>DEPT</u>	<u>CRS #</u>	<u>CRS TITLE</u>	<u>LOC</u>	<u>HOURS</u>	<u>TSI REQUIREMENT</u>	<u>CRS LVL</u>
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REQUIRED COURSES

No specific required course

ADDITIONAL COURSES – SELECT **TWO** OF THE FOLLOWING**

BIOL	1308	Biology for Non-Science Majors*	ATC	3	Reading	Level 3
BIOL	2301	Anatomy and Physiology I*	ATC	3	Reading & Writing	Level 3
BIOL	1322	Nutrition and Diet Therapy I	ATC	3	Reading	Level 3

*Students enrolled in these courses must also attend a required lab session.

**Other courses may be available through Coastal Bend College that meet these requirements. The courses listed above are taught at the Alice Teaching Center and have been approved by Ben Bolt – Palito Blanco HS. If you wish to take courses in Geology or Chemistry, please see the high school counselor to discuss other options that may be available.

American History

A total of **6 credit hours** in American History are required.

<u>DEPT</u>	<u>CRS #</u>	<u>CRS TITLE</u>	<u>LOC</u>	<u>HOURS</u>	<u>TSI REQUIREMENT</u>	<u>CRS LVL</u>
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REQUIRED COURSES

HIST	1301	US History I	BBPB	3	Reading	Level 3
HIST	1302	US History II	BBPB	3	Reading	Level 3

Political Science

A total of **6 credit hours** in Political Science are required.

<u>DEPT</u>	<u>CRS #</u>	<u>CRS TITLE</u>	<u>LOC</u>	<u>HOURS</u>	<u>TSI REQUIREMENT</u>	<u>CRS LVL</u>
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REQUIRED COURSES

GOVT	2305	Federal Government	BBPB	3	Reading	Level 3
GOVT	2306	Texas Government	BBPB	3	Reading	Level 3

Social and Behavioral Sciences

A total of **6 credit hours** in Social and Behavioral Sciences are required.

<u>DEPT</u>	<u>CRS #</u>	<u>CRS TITLE</u>	<u>LOC</u>	<u>HOURS</u>	<u>TSI REQUIREMENT</u>	<u>CRS LVL</u>
REQUIRED COURSES						
No specific required course						
ADDITIONAL COURSES – SELECT <u>ONE</u> OF THE FOLLOWING						
ECON	2301	Principals of Macroeconomics	ONLINE	3	None	Level 3
PSYC	2301	Introduction to Psychology	ONLINE	3	Reading	Level 3
SOCI	1301	Introduction to Sociology	ONLINE	3	Reading	Level 3

Language, Philosophy, and Culture

A total of **3 credit hours** in Language, Philosophy, and Culture are required.

<u>DEPT</u>	<u>CRS #</u>	<u>CRS TITLE</u>	<u>LOC</u>	<u>HOURS</u>	<u>TSI REQUIREMENT</u>	<u>CRS LVL</u>
REQUIRED COURSES						
No specific required course						
ADDITIONAL COURSES – SELECT <u>ONE</u> OF THE FOLLOWING						
ENGL	2322	British Literature I	ONLINE	3	Reading & Writing	Level 3
ENGL	2323	British Literature II	ONLINE	3	Reading & Writing	Level 3
HUMA	1301	Introduction to Humanities	ONLINE	3	None	Level 3
PHIL	1301	Introduction to Philosophy	ONLINE	3	Reading & Writing	Level 3
PHIL	2306	Introduction to Ethics	ONLINE	3	Reading & Writing	Level 3

Course locations may vary from what is listed in this planning guide. It may be possible to convert some online courses to face-to-face courses taught at Ben Bolt – Palito Blanco High School or at the Alice Teaching Center for Coastal Bend College, based on student enrollment and instructor availability. A minimum of 10 students must enroll in a course before it can be offered in a face-to-face format. This is the preferred method of offering courses, and whenever possible, courses will be offered face-to-face.

Elective Courses

Students wishing to earn an Associate degree must complete 15 hours of elective courses in their major or minor field of study. You should consult your academic advisor at Coastal Bend College when deciding which courses are right for your degree plan.

In most cases, elective courses are only available as online courses at Ben Bolt – Palito Blanco High School. You may also consider taking these courses during the summer or evenings at one of the Coastal Bend College teaching facilities.

You should be aware the Ben Bolt – Palito Blanco High School does not pay tuition costs associated with elective courses.

Degree Designation Courses

To obtain an *Associate of Arts* or an *Associate of Science* degree, students must complete the 42 credit hours Texas Core Curriculum course work, 15 credit hours of electives in their major or minor field of study, and a 3 credit hour degree designation course.

If you wish to earn the Associate of Arts degree, the credit designation course must be selected from the *Language, Philosophy, and Culture* core courses.

If you wish to earn the Associate of Science degree, the credit designation course must be selected from either the *Science* or *Mathematics* core courses.

Workforce Certifications


Ben Bolt – Palito Blanco High School also provides students with the opportunity to earn a workforce certification in Welding. This program requires the completion of **16 hours** of dual credit welding instruction. Students must also pass a capstone exam following the completion of WLDG 1430.

The district will pay tuition costs for this program, subject to the limits outlined in the [Dual Credit Tuition](#) section of this guide.

<u>DEPT</u>	<u>CRS #</u>	<u>CRS TITLE</u>	<u>LOC</u>	<u>HOURS</u>	<u>TSI REQUIREMENT</u>	<u>CRS LVL</u>
REQUIRED COURSES						
WLDG	1421	Intro to Welding Fundamentals	BBPB	4	None	Level 2
WLDG	1428	Intro to Shielded Metal Arc Welding	BBPB	4	None	Level 2
WLDG	1457	Intermediate Shielded Metal Arc Welding	BBPB	4	None	Level 2
WLDG	1430	Intro to Gas Metal Arc Welding	BBPB	4	None	Level 2

Online Learning

Many of the courses available to students at Ben Bolt – Palito Blanco High School are offered as **online courses**. This includes many dual credit and Advanced Placement courses. Before enrolling in a course, be certain that you understand whether the course is offered in a traditional, face to face format or in an online format. **Online learning is not for everyone**. If you are not comfortable with online courses, or if you believe that you lack the discipline or organizational skills necessary to be successful in an online course, you should not register for one of these courses.

 <p>http://cluein.txvsn.org</p>	<p>To find out if you are ready for online learning, take the Orientation to Online Learning course from the Texas Virtual School Network. You must create an account, but it is FREE!</p>
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There are four different types of online learning courses offered at Ben Bolt – Palito Blanco High School. Be sure that you understand the differences between these types of courses, and be certain that you understand what type of course you are registering to take.

Dual Credit via Online Courses

Some dual credit classes are taught as online courses. In these courses, the instructor will provide assignments and materials for the course through an online learning system. Dual credit courses offered through Coastal Bend College utilize the Blackboard system. In this type of course, your interaction with the instructor will generally be limited to email or text messages posted on the website.

To be successful in this setting, students must be able to learn on their own. It is important that you are disciplined and organized, because this type of class requires you to keep up with readings and assignments without prompting from a teacher, and to complete and submit assignments on time.

Students enrolled in these courses are provided time during the school day to access the course website and work on assignments in one of the campus computer labs. An instructional aide is available to help with technical problems and answer basic questions, but not to assist with the course content.

Dual Credit via Distance Learning

Distance learning is a method of learning where lectures are broadcast over the Internet. Students watch the teacher on their computers, and can ask questions by typing or (sometimes) by speaking through a microphone.

Just as in online courses, students will access course materials and turn in assignments using the Blackboard (or similar) system. To be successful in this setting, students must be able to learn on their own. You must be disciplined and organized, because this type of class requires you to keep up with readings and assignments without prompting from a teacher, and to complete and submit assignments on time.

Students enrolled in these courses are provided time during the school day to access the course website and work on assignments in one of the campus computer labs. An instructional aide is available to help with technical problems and answer basic questions, but not to assist with the course content.

Texas Virtual Schools Network

The Texas Virtual School Network (TxVSN) was established by the Texas Legislature in 2007 to provide Texas students with equitable access to quality, online courses. Since its inception in January 2009, the TxVSN has provided Texas students and schools with a valuable avenue for interactive, collaborative, instructor-led online courses taught by state certified and appropriately credentialed teachers.

The Texas Education Agency (TEA) offers state-supported online learning opportunities to students across the state through the Texas Virtual School Network (TxVSN) using a network approach that works in partnership with districts. TEA, under the leadership of the commissioner of education, administers the TxVSN, sets standards for and approves TxVSN courses and professional development for online teachers, and has fiscal responsibility for the network. Education Service Center (ESC) Region 10 serves as central operations for the TxVSN, oversees the day-to-day operations of the network, and conducts the review of courses submitted for inclusion in the TxVSN.

Courses are online and use recorded lectures and other online materials. To be successful in this setting, students must be able to learn on their own. You must be disciplined and organized, because this type of class requires you to keep up with readings and assignments without prompting from a teacher, and to complete and submit assignments on time.

Students enrolled in these courses are provided time during the school day to access the course website and work on assignments in one of the campus computer labs. An instructional aide is available to help with technical problems and answer basic questions, but not to assist with the course content. You may also access the course from home.

Computer Based Learning

The district also provides some courses through computer-based learning. In this type of course, there is no teacher directly providing instruction, and the students work independently through course modules. Both first-time and credit-recovery classes are provided in this manner.

Students enrolled in these courses are provided time during the school day to access the course website and work on assignments in one of the campus computer labs. An instructional aide is available to help with technical problems and answer basic questions, but not to assist with the course content. A teacher on the high campus is assigned to monitor student progress and provide assistance if a student struggles with a course module.

As in other online courses, must be able to learn on their own. You must be disciplined and organized, because this type of class requires you to keep up with readings and assignments without prompting from a teacher, and to complete and submit assignments on time.

Advanced Placement (AP) vs. Dual Credit Classes

Students and parents often are confused by Advanced Placement and Dual Credit courses. Both offer students an opportunity to earn college credits while still in high school. What are the differences, and which are right for you? The following *Frequently Asked Questions* are provided to help you understand the differences between these programs and make decisions that are right for your future.

FAQ	AP	Dual Credit
Who can enroll?	Any student in 10th, 11th, or 12th grade.	Any high-school student in grades 9-12 who passes the TSI – a college readiness test.
What does it cost?	Absolutely nothing to take the class, but there is a nominal fee to take the test.	Approximately \$200 per course per semester in tuition, plus the cost of textbooks. The district will pay tuition costs for certain courses.
How do I earn high school credit?	Pass the AP class with an average of 70 or higher.	Pass the AP class with an average of 70 or higher.
How do I earn college credit?	Pass the AP Exam with a score of 3 or higher, on a 5-pt scale.	Pass the dual-credit class with an average of 70 or higher.
How are the classes taught?	Classes are taught by high school teachers who have received special training in AP curriculum. Some classes may be taught through the Texas Virtual Schools network, others will be taught by teachers employed by the Ben Bolt – Palito Blanco ISD.	Classes are taught by college teachers. Most classes are taught using an online learning platform. Other classes may be taught face to face.
Where do I go to take these classes?	AP classes are taught in a normal classroom at the high school, or in the online learning lab at the high school.	Dual credit classes may be taught in a normal classroom at the high school, at the Coastal Bend College teaching center in Alice, or in the online learning lab at the high school.
How do these classes affect my GPA?	All AP classes are Level 3 courses for calculating grade point averages.	Dual credit classes may be Level 2 or Level 3 for calculating grade point averages.
How much time will I need to commit to these classes?	For every hour you spend in class, plan on spending another hour (or more) at home. Each AP class is taught on a college-level and can be very demanding.	For every hour you spend in class, plan on spending at least another hour at home. These are college-level classes and can be very demanding.
Can I drop the class if it too difficult for me and I begin to fail?	Drops are only allowed during the first 3 weeks of class and at the end of the semester, and with the permission of your parents and the principal.	Yes, but you must drop within the deadlines set by the college, and you may be responsible for paying tuition charges.
How will my grades transfer?	Accepted throughout the nation. See individual college for their policy.	Accepted at public college and universities in Texas. Check with individual college for your intended major's academic requirements.

Career and Technical Education (CTE)

Career and Technical Education courses allow students to achieve excellence by preparing them for secondary and postsecondary opportunities, career preparation and advancement, meaningful work, and active citizenship. CTE programs are based upon 16 federally-defined career clusters.

A career cluster is a group of occupations and industries in related fields of study. Within each cluster are pathways which are more specific grouping of similar occupations. To prepare for these occupations, students select a program of study in high school that will then transition to a similar program in college or other postsecondary education or training programs. The electives students choose can complement their academic classes to prepare them for the challenges of the real world. An in-depth look at the 16 career clusters adopted by the state of Texas can be viewed at www.achievetexas.org. The career clusters offered by Ben Bolt – Palito Blanco High School are described below.

Cluster	Programs of Study	Possible Careers
Agriculture, Food, and Natural Resources	Animal Systems Plant Systems Power, Structural & Technical Systems	Vet Tech/Assistant or Veterinarian Animal Caretaker Floral Designer Farm Equipment Mechanic Welder
Architecture and Construction	Construction Technology	Carpenter Contractor
Arts, Audio-visual Technology, and Communications	Audio Video Technology Graphic Design	AV Equipment Technician Film Editor Director/Producer Graphic Designer Desktop Publisher Illustrator Multi-media Animator
Finance	Banking & Related Services	Bank Teller Bookkeeper Accountant
Health Science	Therapeutic Services	Certified Nurse Assistant Nurse Pharmacy Technician EMT/Paramedic
Law, Public Safety, Corrections, and Security	Law Enforcement	Police Officer Detective Border Patrol
Education and Training	Education and Training	Teacher Child care Worker Corporate Trainer School Counselor

Course Descriptions

The following courses are planned to be offered at Ben Bolt – Palito Blanco High School for the 2017 – 2018 school year. If there is not enough interest in a course based on the number of student requests, then that course may not be offered.

If you wish to take a course that is not listed, please speak to the high school counselor. You may be able to take the course as a distance learning or Texas Virtual School Network course, or if enough students request a course, the high school may be able to schedule it.

Career and Technical Education

Agriculture, Food, & Natural Resources Cluster

Advanced Animal Science (C150)

Prerequisites: One Credit from Agriculture, Food, & Natural Resources Cluster

Course Description: This course examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and laboratory experiences. To be prepared for careers in the field of animal science students need to attain academic skills and knowledge, acquire knowledge and skills related to animal systems, and develop and skills regarding career opportunities, entry requirements and industry standards. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.

Agricultural Facilities Design & Fabrication (C151)

Prerequisites: None

Course Description: To be prepared for careers in mechanized agriculture and technical systems, students attain knowledge and skills related to agricultural facilities design and fabrication. Students explore career opportunities, entry requirements, and industry expectations. To prepare for success, students reinforce, apply and transfer their academic knowledge and technical skills in a variety of settings.

Agricultural Mechanics & Metal Technologies (C120)

Prerequisites: None

Course Description: This course is designed to prepare students for careers in agricultural power, structural, and technical systems. Students need to attain academic skills and knowledge; acquire technical knowledge and skills related to power, structural and technical agricultural systems and the industry; and develop knowledge and skills regarding career opportunities, entry requirements, industry certifications, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills and technologies in a variety of settings. This course is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring plumbing, and carpentry, fencing concrete, and metal working techniques.

Landscape Design & Turf Grass Management (C131)

Prerequisites: None

Course Description: This course prepares students for careers in horticultural system, students need to attain academic skills and knowledge, acquire technical knowledge and skills related to horticultural systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply and transfer their knowledge and skills and technologies in a variety of settings. This course is designed to develop an understanding of landscape and turf grass management techniques and practices.

Practicum in Agriculture, Food, & Natural Resources (C142)

Prerequisites: One Credit from Agriculture, Food, & Natural Resources Cluster

Course Description: The practicum is designed to give students supervised practical application of knowledge and skills. This can occur in a variety of locations appropriate to the nature of level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories.

Principles & Elements of Floral Design (C121)

Prerequisites: None

Course Description: This course focuses on the floral design industry. Major units of study include floriculture plant identification, care and handling of cut flowers, principles of art applied to floral design, and the mechanics of floral design. Agribusiness units will be introduced in merchandising, advertising, sales, and operating a retail floral business.

Principles of Agriculture, Food, & Natural Resources (C110)

Prerequisites: None

Course Description: To be prepared for careers in agriculture, food, and natural resources, students must attain academic skills and knowledge in agriculture. This course allows students to develop knowledge and skills regarding career opportunities, personal development, globalization, industry standards, details, practices, and expectations. To prepare for success, students need to have opportunities to learn, re-inforce, experience, apply, and transfer their knowledge and skills in a variety of settings.

Range Ecology & Management (C132)

Prerequisites: None

Course Description: This course is designed to develop students understanding of rangeland ecosystems and sustainable forage production, as well as range identification for judging.

Wildlife Fisheries & Ecology Management (C140)

Prerequisites: None

Course Description: To be prepared for careers in natural resource systems, students need to attain academic skills and knowledge, acquire technical knowledge and skills related to natural resources, and development knowledge. This course examines the management of game and non-game wildlife species, fish, and aqua crops and their ecological needs and related to current agricultural practices.

Health Science Cluster

Anatomy & Physiology (C540)

Prerequisites: Biology & Chemistry

Course Description: Includes the study of the structures and functions of the human body systems, as well as the body's responses to forces, maintenance of homeostasis, electrical interactions, transport systems, and energy systems. Students conduct laboratory investigations and field work using scientific methods, critical thinking, and problem solving.

Health Science (C241)

Prerequisites: None

Course Description: The Health Science course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will have hands-on experiences for continued knowledge and skill development. The course may be taught by different methodologies such as clinical rotation and career preparation learning.

Medical Terminology (C520)

Prerequisites: None

Course Description: This course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, work roots, combining forms, and singular and plural forms, plus medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.

Practicum in Health Science (Certified Nursing Assistant) (C231)

Prerequisites: None

Course Description: This is a laboratory class taught with a CBC professor. The Practicum is designed to give students practical application of previously studied knowledge and skills. Students will gain the knowledge and experiences needed to become certified nursing assistants at the conclusion of the course and a passing grade on the certification test.

Principles of Health Science (c510)

Prerequisites: None

Course Description: This course provides an overview of the therapeutic, diagnosis, health informatics, support services, and biotechnology research and development systems of the health care industry.

Hospitality & Tourism Cluster

Advanced Culinary Arts ()

Prerequisites: None

Course Description: The introduction to culinary arts curriculum provides students with opportunities to explore career options and entrepreneurial opportunities within the food service industry. Students investigate food safety and sanitation, explore culinary preparation foundations, practice basic culinary skills, explore diverse cuisines and service styles, investigate nutrition and menu development and examine the economics of food.

Culinary Arts (C630)

Prerequisites: None

Course Description: This laboratory course begins with fundamentals and principals of the art of cooking and the science of baking and includes management and production skills and techniques. Students can pursue a national sanitation certification, a Texas culinary specialist certification, or any other appropriate industry certification.

Food Science (C650)

Prerequisites: None

Course Description: This course is the study of the nature of foods, the causes of deterioration, the principles underlying food processing, and the improvement of foods for the consuming public. Students will conduct laboratory and field investigations using scientific methods during investigations and make informed decisions using critical thinking and scientific problem solving.

Practicum in Culinary Arts (C640)

Prerequisites: None

Course Description: This course is a unique practicum that provides occupationally specific opportunities for students to participate in a learning experience that combines classroom instruction with actual business and industry career experiences, Practicum in Culinary Arts integrates academic and career and technical education, provides more interdisciplinary instruction: and supports partnerships.

Principles of Hospitality & Tourism (C610)

Prerequisites: None

Course Description: In this course students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Food Science is the study of the nature of foods, the causes of deterioration, the principles underlying food processing, and the improvement of foods for the consuming public.

Information Technology Cluster

Digital & Interactive Multimedia (C820)

Prerequisites: None

Course Description: In this course students will design and create multimedia projects with emerging technologies. Students will design, import, and manipulate text, graphics, audio, video, and animation with

editing software. With the use of interactive media, the students will be able to identify appropriate software needed to solve customer needs and resolve real world problems.

Principles of Information Technology (C810)

Prerequisites: None

Course Description: In this class students develop computer literacy skills to adapt to emerging technologies used in the global marketplace. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the information technology environment,

Research in Information Technology Solutions (C840)

Prerequisites: None

Course Description: Students gain advanced knowledge and skills in the application, design, production, implementation, maintenance, evaluation and assessment of products, services, and systems. Knowledge and skills in the proper use of analytical skills and application of information technology concepts and standards are essential to prepare students for success in a technology-driven society. Critical thinking, information technology experience, and product development may be conducted in a classroom setting with an industry mentor, as an unpaid internship, or as career preparation.

Web Technologies (C830)

Prerequisites: None

Course Description: This course provides students with an opportunity to develop and impact the sharing of information through web design. This course explores the roles of the internet, and the use of web pages in real world applications. Students will develop skills in designing, creating, editing, and installing web pages while learning to access, navigate and maintain online services.

Manufacturing Cluster

Advanced Welding (C140)

Prerequisites: None

Course Description:

Welding (C130)

Prerequisites: None

Course Description: Rapid advances in technology have created new career opportunities and demands in many industries. Welding provides the knowledge, skills, and technologies required for employment in metal technology systems. Students develop knowledge and skills related to system and apply them to personal career development. This course supports integration of academic and technical knowledge and skills. Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills prepare students for future success.

Marketing Cluster

Advertising & Sales Promotion (C415)

Prerequisites: None

Course Description: The student will learn the process in the sales and advertisements and will help develop the yearbook.

Advanced Journalism: Yearbook 1 (H524)

Prerequisites: None

Course Description: The student will help develop the school yearbook.

Advanced Journalism: Yearbook 2 (H525)

Prerequisites: None

Course Description: The student will help develop the school yearbook.

Advanced Journalism: Yearbook 3 (H526)

Prerequisites: None

Course Description: The student will help develop the school yearbook.

English Language Arts

AP English 1V Literature & Composition (H342)

Prerequisites: None

Course Description: Challenges the student through a survey of British literature, in-depth documented research, and writing of creative and expository essays with emphasis on literary analysis. Requires extensive outside reading and independent work. This is a college-level course designed to prepare students for the English AP composition and literature examination.

AP English 3 Language & Composition (H332)

Prerequisites: None

Course Description: Designed for students showing advance aptitude in English. Challenges the student through a more thorough study of language theory and usage: more writing of both creative and expository types with an emphasis on literary analysis and essays: more difficult and extensive outside reading; and a research paper. Preparation for students planning to take an Advance Placement exam in language and composition is included.

Communication Applications (H813)

Prerequisites: None

Course Description: TEKS Overview focuses upon the: Verbal message, Nonverbal behavior, Listening, Critical Thinking, Problem-Solving, Interpersonal communication, Group communication and Evaluation.

English 1 (H310)

Prerequisites: None

Course Description: Students increase and refine their communication skills by planning, drafting, and completing written compositions on a regular basis, Students practice all forms of writing, but an emphasis is placed on organizing logical arguments, writing to persuade, report, and describe. Students read extensively from a variety sources and from various genres.

English 1 Pre-AP (H311)

Prerequisites: None

Course Description: Course is designed for students with a higher aptitude in English/ Studies challenge student beyond the knowledge and skills requires in English I. Independent reading of literature, problem solving activities, literary compositions, vocabulary studies, and research projects will be required to prepare students for an AP curriculum.

English 2 (H320)

Prerequisites: None

Course Description: Students continue to increase and refine their communication skills by planning, drafting, and completing written compositions on a regular basis. Includes editing for clarity, correct use of conventions and mechanics to produce final, error-free drafts, Students continue to read extensively from a variety of sources to include world literature.

English 2 Pre-AP (H321)

Prerequisites: None

Course Description: Challenges the student beyond the requirements of English II through an extensive reading program, independent research, advanced compositions, and thematic units in the study of world literature. Course assists in preparation for students planning to take an Advanced Placement English course.

English 3 (H330)

Prerequisites: None

Course Description: Students further increase and refine their communication skills through writing error-free compositions of all types; however emphasis is placed on business forms of writing such as a report, business memo, narrative of procedure, summary or abstract, and resume. Reading emphasis is on American literature and other world literature. A research paper is required.

English 4 (H340)

Prerequisites: None

Course Description: Students plan, draft, and complete written compositions, including business, personal, literary, and persuasive forms in an error-free manner on a regular basis. A study of British literature with an emphasis on a writing component, and oral component, and/or a creative project as an evaluation of each unit studied is included. Various teaching styles and cooperative learning approaches are addressed in these classes. Includes a research project.

ESOL 1 (H317)

Prerequisites: None

Course Description: This course is for students whose first language is other than English. The native language serves as the foundation for English language acquisition. Cognitive skills transfer from one language to another, and students literate in their first language will apply these skills and other academic proficiencies to the second language.

ESOL 2 (H327)

Prerequisites: None

Course Description: This course is for students whose first language is other than English. The native language serves as the foundation for English language acquisition. Cognitive skills transfer from one language to another, and students literate in their first language will apply these skills and other academic proficiencies to the second language.

Reading 1 (H010)

Prerequisites: None

Course Description: Includes word recognition, comprehension strategies and vocabulary to ensure that high school students have an opportunity to read with competence, confidence, and understanding. Strategies are applied to texts across subject fields.

Reading 2 (H020)

Prerequisites: None

Course Description: Includes word recognition, comprehension strategies and vocabulary to ensure that high school students have an opportunity to read with competence, confidence, and understanding. Strategies are applied to texts across subject fields.

TSI Prep Course - ELA ()

Prerequisites: None

Course Description: This course guides students through every step of the admissions process while incorporating engaging activities that students find interesting and enjoyable. The program is designed to act as a map for the admissions process and provides students with everything they need to know for a successful journey.

Fine Arts

Art 1 (H510)

Prerequisites: None

Course Description: Students will be given the opportunity to explore a variety of art media including drawing, painting, printmaking, sculpture, ceramic, and graphic design. Students will study art vocabulary and concepts in a practical and in depth manner. A strong emphasis is placed on art history, art of many cultures, and historical as well as contemporary styles. Art vocations are explored. Students learn to appreciate and critique personal works as well as the work of others.

Art 2 (H520)

Prerequisites: Art 1

Course Description: Students will build on vocabulary, concepts and skills learned in Art 1. Students will produce works by drawing, painting, sculpture, printmaking, ceramics and graphic design. Students will study art eras and styles, analyze characteristics of the art of cultures and research careers in art. Students will defend personal choices in their own work by written critique as well as critique the work of others.

Art 3 (H530)

Prerequisites: Art 2

Course Description: Students will build on vocabulary, concepts and skills learned in Art 1. Students will produce works by drawing, painting, sculpture, printmaking, ceramics and graphic design. Students will study art eras and styles, analyze characteristics of the art of cultures and research careers in art. Students will defend personal choices in their own work by written critique as well as critique the work of others.

Art 4 (H540)

Prerequisites: Art 3

Course Description: Students will build on vocabulary, concepts and skills learned in Art 1. Students will produce works by drawing, painting, sculpture, printmaking, ceramics and graphic design. Students will study art eras and styles, analyze characteristics of the art of cultures and research careers in art. Students will defend personal choices in their own work by written critique as well as critique the work of others.

Band 1 (H511)

Prerequisites: None

Course Description: Study and application of musical performance techniques. Marching band is part of the activities. Fall semester only may count toward required PE credit.

Band 2 (H521)

Prerequisites: Band 1

Course Description: Study and application of musical performance techniques. Marching band is part of the activities. Fall semester only may count toward required PE credit.

Band 3 (H531)

Prerequisites: Band 2

Course Description: Study and application of musical performance techniques. Marching band is part of the activities. Fall semester only may count toward required PE credit.

Band 4 (H541)

Prerequisites: Band 3

Course Description: Study and application of musical performance techniques. Marching band is part of the activities. Fall semester only may count toward required PE credit.

Mariachi 1 (H512)

Prerequisites: None

Course Description: Study and application of musical performance techniques. Instrumental experience is strongly recommended.

Mariachi 2 (H522)

Prerequisites: Mariachi 1

Course Description: Study and application of musical performance techniques. Instrumental experience is strongly recommended.

Mariachi 3 (H532)

Prerequisites: Mariachi 2

Course Description: Study and application of musical performance techniques. Instrumental experience is strongly recommended.

Mariachi 4 (H542)

Prerequisites: Mariachi 3

Course Description: Study and application of musical performance techniques. Instrumental experience is strongly recommended.

Languages other than English

Spanish 1 (H710)

Prerequisites: None

Course Description: Designed for students to develop their listening, speaking, a reading, and writing skills. Students will learn to communicate on a variety of topics and real-life situations related to novice level learners.

Spanish 2 (H720)

Prerequisites: Spanish 1

Course Description: Students will concentrate on developing their speaking, listening comprehension, and their reading and writing skills. Students will communicate on a variety of topics and real-life situations related to novice level learners.

Spanish 3 (H730)

Prerequisites: Spanish 2

Course Description: Students will concentrate on developing their speaking, listening comprehension and their reading and writing skills, Students will communicate on a variety of topics and real-life situations related to intermediate level learners. Students will continue to use technology in the language and culture studied. Students will be exposed to the Hispanic culture, customs, heritage, and history through a more in depth study.

Mathematics

Algebra 1 (H110)

Prerequisites: None

Course Description: Students will build on the foundation concepts of mathematics. Algebraic thinking and symbolic reasoning function concepts, relationship between equations and functions, and underlying mathematical processes will be emphasized. Linear functions and quadratic functions will also be studied.

Algebra 1 Pre-AP (H111)

Prerequisites: None

Course Description: Challenges student beyond the regular Algebra 1 course in content and depth. Preparation for students planning to take an Advanced Placement Math course.

Algebra 2 (H140)

Prerequisites: Algebra 1

Course Description: Students will continue to build on their foundation mathematics skills as they expand their understanding through other mathematical experiences. They will study algebraic thinking and symbolic reasoning: algebraic techniques: algebraic, geometric, quadratic, square root, exponential, and logarithmic functions: and equation.

Algebra 2 Pre-AP (H141)

Prerequisites: Algebra 1

Course Description: Designed for students showing advanced aptitude in math. Challenges the student beyond the regular Algebra 2 course in content and depth. Higher level thinking skills and problem solving will be emphasized.

AP Calculus AB ()

Prerequisites: None

Course Description: College level course for those with advanced aptitude in mathematics. Includes concepts, skills, and applications associated with the limits of a function, the derivative, the integral, and techniques of integration, and infinite series, Topics in analytic geometry will also be explored. Designed to prepare students to pass the College Board AP examination for college credit.

Geometry (H130)

Prerequisites: Algebra 1

Course Description: Develops the student's ability to reason abstractly and creatively following the rules of a deductive system to solve problems. Includes geometric thinking and spatial reasoning, geometric figures and their properties, geometric structure and patterns, dimensionality, similarity, congruence, axiomatic systems, logical reasoning, justification and proof in math.

Geometry Pre-AP (H131)

Prerequisites: Algebra 1

Course Description: Includes topics listed as optional in the regular course for students with a higher aptitude in math.

Math Models with Application (H120)

Prerequisites: Algebra 1

Course Description: Students use probability to better understand everyday situations involving chance, functional relationships to solve problems related to personal income and algebraic formulas, graphs and amortization models to solve problems involving credit, and financial planning. This course may not be taken during or after Algebra 2 to meet graduation requirements.

Precalculus (H151)

Prerequisites: Geometry, Algebra 1, & Algebra 2

Course Description: A more challenging course in Pre, Calculus for students with advanced aptitude in mathematics. This course requires more individual projects, research, and problem solving exercises. Critical thinking is emphasized in solving problems.

TSI Prep Course - Mathematics ()

Prerequisites: None

Course Description: This course guides students through every step of the admissions process while incorporating engaging activities that students find interesting and enjoyable. The program is designed to act as a map for the admissions process and provides students with everything they need to know for a successful journey.

Physical Education and Health

NOTE: All Physical Education courses are ½ credit. All students must take Foundations of Personal Fitness as the first Physical Education course, then should select a second course to complete the requirements for graduation. Courses that do not have sufficient interest will not be scheduled.

Foundations of Personal Fitness (H610)

Prerequisites: None

Course Description: Students acquire the knowledge and skills for movement that provide the foundation for enjoyment, continued social development through physical activity, and access to a physically-active lifestyle. The student exhibits a physically-active lifestyle and understands the relationship between physical activity and health throughout the lifespan. The basic purpose of this course is to motivate students to strive for lifetime personal fitness with an emphasis on the health-related components of physical fitness. The knowledge and skills taught in this course include teaching students about the process of becoming fit as well as achieving some degree of fitness within the class. The concept of wellness, or striving to reach optimal levels of health, is the corner stone of this course and is exemplified by one of the course objectives-students designing their own personal fitness program.

Adventure/Outdoor Education (H620)

Prerequisites: Foundations of Personal Fitness

Course Description: Students acquire the knowledge and skills for movement that provide the foundation for enjoyment, continued social development through physical activity, and access to a physically-active lifestyle. The student exhibits a physically-active lifestyle and understands the relationship between physical activity and health throughout the lifespan. Students enrolled in adventure outdoor education are expected to develop competency in outdoor education activities that provide opportunities for enjoyment and challenge. Emphasis is placed upon student selection of activities that also promote a respect for the environment and that can be enjoyed for a lifetime.

Aerobic Activities (H630)

Prerequisites: Foundations of Personal Fitness

Course Description: Students acquire the knowledge and skills for movement that provide the foundation for enjoyment, continued social development through physical activity, and access to a physically-active lifestyle. The student exhibits a physically-active lifestyle and understands the relationship between physical activity and health throughout the lifespan. Students in aerobic activities are exposed to a variety of activities that promote health-related fitness. A major expectation of this course is for the student to design a personal fitness program that uses aerobic activities as a foundation.

Individual Sports (H640)

Prerequisites: Foundations of Personal Fitness

Course Description: Students acquire the knowledge and skills for movement that provide the foundation for enjoyment, continued social development through physical activity, and access to a physically-active lifestyle.

The student exhibits a physically-active lifestyle and understands the relationship between physical activity and health throughout the lifespan. Students in Individual Sports are expected to participate in a wide range of individual sports that can be pursued for a lifetime. The continued development of health-related fitness and the selection of individual sport activities that are enjoyable is a major objective of this course.

Team Sports (H650)

Prerequisites: Foundations of Personal Fitness

Course Description: Students acquire the knowledge and skills for movement that provide the foundation for enjoyment, continued social development through physical activity, and access to a physically-active lifestyle. The student exhibits a physically-active lifestyle and understands the relationship between physical activity and health throughout the lifespan. Students enrolled in Team Sports are expected to develop health-related fitness and an appreciation for team work and fair play. Like the other high school physical education courses, Team Sports is less concerned with the acquisition of physical fitness during the course than reinforcing the concept of incorporating physical activity into a lifestyle beyond high school.

NOTE: All students must take Health as a local graduation requirement.

Health (H612)

Prerequisites: None

Course Description: This course explores a variety of health issues including human anatomy and physiology, mental/emotional health, use and abuse of drugs, tobacco, and alcohol, human sexuality, communicable diseases, environmental and consumer health.

NOTE: All students participating in Athletics must enroll in the appropriate section listed below:

Athletics 1 (H611)	9 th Grade
Athletics 2 (H621)	10 th Grade
Athletics 3 (H631)	11 th Grade
Athletics 4 (H641)	12 th Grade

Science

Biology (H220)

Prerequisites: None

Course Description: The study of structures and functions of cells and viruses: growth and development of organisms; cells, tissues, and organs; nucleic acids and genetics; biological evolution; taxonomy; metabolism and energy transfers in living organisms; living systems; homeostasis; ecosystems; and plants and the environment.

Biology Pre-AP (H221)

Prerequisites: None

Course Description: This course goes beyond the requirements of Biology by requiring more individual laboratory projects and research. Use of laboratory investigations, scientific method, and critical-thinking are emphasized.

Chemistry (H240)

Prerequisites: Biology & Algebra 1

Course Description: The study of characteristics of matter; energy transformations during physical and chemical changes; atomic structure; periodic table of elements; behavior of gases; bonding nuclear fusion and nuclear fission; oxidation-reduction reactions; chemical equations; solutes; properties of solutions; acids and bases; and chemical reactions. Field and laboratory investigations, scientific methods, critical thinking, and applications to daily lives included.

Earth & Space Science (H217)

Prerequisites: None

Course Description: Earth's system is composed of interdependent and interacting subsystems of the geosphere, hydrosphere, atmosphere, cryosphere, and biosphere within a larger planetary and stellar system. Change and constancy occur in Earth's system and can be observed, measured as patterns and cycles, and described or presented in models used to predict how Earth's system changes over time.

Environmental Systems (H222)

Prerequisites: None

Course Description: The student will study a variety of topics that include: biotic and abiotic factors in habitats: ecosystems and biomes, interrelationships among resources and an environmental system: sources and flow of energy through an environmental system: relationships between carrying capacity and changes in populations and ecosystems: changes in environments: and physical, mathematical, and conceptual models.

Integrated Physics and Chemistry (H210)

Prerequisites: None

Course Description: If selected, IPC must be completed prior to Chemistry and Physics. This course integrates the disciplines of physics and chemistry in the areas of motion, waves, energy transformations, properties of matter, changes in matter, and solution chemistry. Laboratory exercises are required.

Physics (H230)

Prerequisites: Algebra 1

Course Description: This course provides individual laboratory projects and research of qualitative nature. Use of laboratory investigations, scientific method, and critical-thinking are emphasized.

Social Studies

Economics & Free Enterprise (H440)

Prerequisites: None

Course Description: Focus is on the principles of production, consumption, and distribution of goods and services in the US and a comparison with those in other countries. Rights and responsibilities of consumers and businesses; the interaction of supply, demand, and price; financial institutions; types of business ownership and market structures; and the impacts of various factors on economic policy are discussed.

US Government (H450)

Prerequisites: None

Course Description: The focus is on the principles and beliefs upon which the US was founded and on the structures, functions, and powers of government at the national, state, and local levels, Emphasis is on the principles, ideas, and form of government derived from the US Constitution. Republicanism, federalism, checks and balances, separation of powers, popular sovereignty, and individual rights and responsibilities as well as a comparison of the US system with other political systems are studied.

US History since Reconstruction (H430)

Prerequisites: None

Course Description: Historic content focuses on the political, economic, and social events related to industrialization and urbanization, major wars, domestic and foreign policies of the cold war, and reform movements. Students examine the impact of geographic factors on major events; analyze causes and effects of the Great Depression. Students also examine the impact of constitutional issues on American society.

World Geography Studies (H410)

Prerequisites: None

Course Description: Geographic perspectives of people, places, and environments, and the impact on events of the past and present. Students study the processes and components of culture that influence division, analyze how different points of view affect the development of public policies, and they analyze the impact of technology on the physical environment.

World History Pre-AP (H421)

Prerequisites: None

Course Description: This course provides a more in depth studies and analysis of the scope of World History, focusing on the entire history of humankind. Additional topics of study include economic imperialism and revolutions, impact of geographic factors, the origins of contemporary economic systems, the development of democratic-republican governments, legal and political concepts, religious and philosophical traditions, and developments in science and technology and its impact on industrial economies.

World History Studies (H420)

Prerequisites: None

Course Description: Overview of the entire history of mankind. Major emphasis is on significant people, events, and issues from the earliest times to the present. Historical points of reference in history are identified, other topics include economic imperialism and revolutions, impact of geographic factors, the origins of contemporary economic systems, the development of democratic-republican governments, legal and political concepts, religious and philosophical traditions, and developments in science and technology and its impact on industrial economies.