Brazosport
Independent School District

BISD We Believe

Brazosport High School
Brazoswood High School

EDUCATIONAL PLANNING GUIDE
2021-2022

Setting the Standard for Educational Excellence

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January 2021
Dear Parents, Guardians, and Students:

Brazosport Independent School District is excited to present the *Educational Planning Guide for 2021-2022*. The *Educational Planning Guide* provides information on courses available at our three outstanding high schools: Brazosport, Brazoswood, and the Brazos Success Academy. It is our desire that you work in partnership with your student, the counselors, and perhaps your administrators in designing an academic plan. The plan should be of high interest, challenging, and should provide enriching opportunities for career explorations. A successful high school path is the key to future success in workforce training, military readiness, and higher education. This publication links the selection of courses with possible career pathways that students may pursue following graduation. You are encouraged to give thoughtful planning to the course selections and to the type of program that would best support a desired career path that helps make education impactful to a student's future.

In this publication there are five *endorsements* which are highlighted and include: Science, Technology, Engineering and Mathematics (STEM), Business and Industry, Public Services, Arts and Humanities, and Multidisciplinary Studies. Endorsements help create a personalized graduation plan that is aligned with a student's career interests and post-secondary goals. Students may also earn more than one endorsement if they have additional class time and courses are available. The *Educational Planning Guide* provides detailed information on the graduation while also providing information about dual credit, advanced placement opportunities, and early graduation.

We are committed to ensuring that each and every student in BISD learns at high levels and are future- ready! Best wishes for a wonderful high school experience.

Respectfully,

Brian Cole

Assistant Superintendent of Curriculum & Assessment

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**NOTE: The Brazosport ISD educational planning guides are updated online periodically to reflect adjustments in local, state, and federal policies. The information in the current online planning guides supersedes any information shared in printed materials or previous online versions.

Graduation Requirements - House Bill 5 (HB5)

Classification of Students

Student classification is determined by the number of credits accumulated by the end of the preceding year.

To be a ninth grade student (Freshman).....Completion of Eighth Grade Requirements
To be a tenth grade student (Sophomore)..... 6 Credits Required
To be an eleventh grade student (Junior) .....12 Credits Required
To be a twelfth grade student (Senior) .....19 Credits Required
Foundation Graduation Plan (available to all students) .....22 Credits Required
To Graduate with an Endorsement.....26 Credits Required

*Units of High School credit are determined by the semester average in each course attempted. The State of Texas has set 70 as a minimum-passing grade. For each semester course passed with 70 or above, the student receives 1/2 credit or more. Students earn credits annually towards graduation requirements.

Coursework

House Bill 5 (HB 5), passed by the 83rd Texas Legislature and signed by the governor in June 2013, consists of a foundation plan for every Texas student and five endorsements from which students may choose, depending on their interests. Each of these endorsements will include four mathematics, four science, four English language arts, and three social studies credits. Students are also required to complete two foreign language credits other than English. The two foreign language credits may be substituted with two credits in computer programming language if the campus offers the appropriate course for substitution. ***Please understand that if you choose to utilize this option, these courses will count towards your high school graduation, but COULD affect the criteria for college acceptance; please verify that your post-secondary school will recognize these credits as your foreign language.**

Students entering 9th Grade must choose from one of the following endorsements:

- **Arts and Humanities** (for further information, see page 7)
- **Public Services** (for further information, see page 7)
- **Business and Industry** (for further information, see page 8)
- **Multidisciplinary Studies** (for further information, see page 8)
- **STEM** (for further information, see page 9)

Students may change their endorsement at any time prior to graduation; however, a delay in graduation may result. Four year plans are maintained in Frontline. Students and parents may view these documents at any time. Revisions to the plans are open during the Spring registration window each year. For more information please contact your campus counselor.

The Brazosport Independent School District Board of Trustees has decided that students under the Foundation Graduation Plan will be required to complete .5 credits of Professional Communication, and .5 credits of Health (or Health Science Theory). Students entering high school in the 2017-2018 school year and beyond are required to complete 1 credit in Teen Leadership; which will fulfill the previously required .5 credit of Professional Communication and the .5 credit of Health. Students who arrive in district after their freshman year may

substitute .5 credit of Professional Communication and the .5 credit of Health (or Health Science Theory) for 1 credit in Teen Leadership.

Testing

Students are required to pass five State of Texas Assessments of Academic Readiness (STAAR®) end-of-course exams to meet graduation requirements:

- **Algebra I**
- **English I (Reading/Writing)**
- **English II (Reading/Writing)**
- **Biology**
- **US History**

To graduate, a student must meet the Approaching Grade Level Standard score requirement for the EOC tests in English 1, English 2, Algebra 1, Biology, and U.S. History.

If a student does not achieve the Approaching Grade Level Standard or above on any state required EOC assessment, the student must retake the assessment until an Approaching Grade Level Standard or above is attained. A student is not required to retake a course as a condition of retaking an EOC assessment.

Can I see sample questions for the STAAR EOC questions? Release STAAR EOC questions can be found at www.tea.state.tx.us/student.assessment/STAAR/

Physical Education Substitutions and Alternatives

According to EIF (Local), students may substitute certain physical activities and certain academic courses for the required one credit. These substitutions are recorded on the transcript (AAR) as PE substitution activities for which PE grades and PE credits are awarded. Brazosport ISD will allow students a PE substitution based on the physical activity involved in:

1. Band I-IV for students participating in Marching Band (0.5 credit per fall semester for a maximum of 1 credit). If a student earns a 70 or above for Band I-IV, then a "P" for "Passing" will be designated on the student's transcript for the PE substitution credit. The PE substitution credit will not count in the student's GPA.
2. Dance Team I-IV (0.5 credit per semester for a maximum of 1 credit). If a student earns a 70 or above for Dance Team I-IV, then a "P" for "Passing" will be designated on the student's transcript for the PE substitution credit. The PE substitution credit will not count in the student's GPA.
3. Cheerleading (0.5 credit per semester).
4. Athletics (0.5 credit per semester).
5. Air Force JROTC, (0.5 credit per semester).
6. Approved Alternative Physical Education Activities.

FAFSA/TASFA Completion

House Bill 3, passed by the 86th Texas Legislature in 2019 and signed by Governor Abbott, requires that "Before graduating from high school, each student must complete and submit a free application for federal student aid (FAFSA) or Texas application for state financial aid (TASFA)." This section of the bill goes into effect starting with the Class of 2022. There are three waiver options to the requirement. See your school counselor for waiver details.

Civilian Interaction Training Program

The Community Safety Education Act (SB 30), passed by the 85th Texas Legislature in 2017, mandates that high school students entering Grade 9 in the 2018-19 school year and after (prior to graduation), drivers, and members of law enforcement receive consistent training on the expectations that each should have during a contact between officers and motorists. The training program must include the following:

a. the role of law enforcement and the duties and responsibilities of peace officers;
b. person's rights concerning interactions with peace officers;
c. Proper behavior for civilians and peace officers during interactions;
d. Laws regarding questioning and detention by peace officers, including any law requiring a person to present proof of identity to a peace officer, and the consequences for a person's or officer's failure to comply with those laws; and
e. How and where to file a complaint against or a compliment on behalf of a peace officer.

Students in Brazosport ISD will receive this training while enrolled in Teen Leadership. If a student enrolls after their ninth grade year, the training will be provided to them prior to their graduation date. The date of completion of the training will be recorded on the student's high school transcript.

CPR Instruction

Any student entering Grade 7 in the 2010-11 school year and after is required by The State Board of Education to receive instruction in cardiopulmonary resuscitation (CPR) prior to high school graduation. The instruction must include hands-on practice for CPR but does not need to result in a certification. Students in Brazosport ISD will receive this training while enrolled in Teen Leadership. If a student enrolls after their ninth grade year, the training will be provided to them prior to their graduation date. The date of completion of the training will be recorded on the student's high school transcript.

Graduation Plan Overview for Student Entering High School in: Fall 2017 or Later

Student Name: _____ **ID:**_____ **Expected Graduation Date:** _____

Endorsement Selected:

☐ **STEM** ☐ **Business and Industry** ☐ **Arts and Humanities**

☐ **Public Services** ☐ **Multi-Disciplinary Studies**

Foundation Plan - 22 Credits

English Language Arts - 4 Credits
- ❑ English I
- ❑ English II
- ❑ English III
- ❑ English IV or Advanced English

Mathematics - 3 Credits
- ❑ Algebra I
- ❑ Geometry
- ❑ Advanced Math

Social Studies - 3 Credits
- ❑ World Geography or World History
- ❑ US History
- ❑ Government (.5 Credit)
- ❑ Economics (.5 Credit)

Science 3 - Credits
- ❑ Biology
- ❑ IPC, Chemistry, or Physics
- ❑ Additional Advanced Science

Foreign Language or Substitute - 2 Credits
- ❑ Year 1
- ❑ Year 2

Fine Arts - 1 Credit
- ❑ _____

Physical Education - 1 Credit
- ❑ Physical Education

Electives -5 Credits
- ❑ **Leadworthy**
- ❑ **Elective 2** _____
- ❑ **Elective 3** _____
- ❑ **Elective 4** _____
- ❑ **Elective 5** _____

With Endorsement - 26 Credits Total
Coherent Sequence Must Be Followed

ALL REQUIREMENTS OF FOUNDATION PLAN PLUS

STEM
- ❑ 1 Math or 1 CTE Math
- ❑ 1 Science or 1 CTE Science
- ❑ Elective 1 _____
- ❑ Elective 2 _____

Business and Industry
- ❑ 1 Math or 1 CTE Math
- ❑ 1 Science or 1 CTE Science
- ❑ Elective 1 _____
- ❑ Elective 2 _____

Arts and Humanities
- ❑ 1 Math or 1 CTE Math
- ❑ 1 Science or 1 CTE Science
- ❑ Elective 1 _____
- ❑ Elective 2 _____

Public Services
- ❑ 1 Math or 1 CTE Math
- ❑ 1 Science or 1 CTE Science
- ❑ Elective 1 _____
- ❑ Elective 2 _____

Multidisciplinary Studies
- ❑ 1 Math or 1 CTE Math
- ❑ 1 Science or 1 CTE Science
- ❑ Elective 1 _____
- ❑ Elective 2 _____

Distinguished - Eligible for Top 10% Automatic Admission

ALL REQUIREMENTS OF FOUNDATION PLAN WITH ENDORSEMENT PLUS
- ❑ Algebra II (must be one the student's math credits)

Performance Acknowledgments - noted on diploma

- ❑ Outstanding Performance in:
  - ❑ Dual Credit
  - ❑ Bilingualism and Bi-literacy
  - ❑ AP test or IB exam
  - ❑ PSAT, ACT Aspire, SAT or ACT
- ❑ State, National or International Business or Industry Certification or License

STAAR EOC Checklist

- ❑ English I
- ❑ English II
- ❑ Algebra I
- ❑ US History
- ❑ Biology

Plans for the Future

Testing
- ❑ PSAT
- ❑ SAT
- ❑ ACT

College Readiness - TSI
- ❑ Math _____
- ❑ Reading _____
- ❑ Writing _____

Post-Secondary Applications
- ❑ Brazosport College
- ❑ Apply Texas Application
- ❑ Common Application
- ❑ Military Recruiter
- ❑ Technical School

Financial Aid
- ❑ FAFSA / TAFSA
- ❑ Scholarships

Graduation Plan Overview for Students Entering High School in Fall 2017 or Later

Name: _____ **ID#:** _____

School: _____ **Grade:**_____ **Date Initiated:** _____ **Date(s) Amended:** _____

The Six-Year Plan is intended to give you and your parent(s) / guardian(s) a guide to use as you progress to and through high school. You will want to review the plan each year to make sure you are taking the required courses for graduation. Your counselor will have sample Career Plans of Study for each of the Endorsements that are listed on this page. You may use these as guides to help you select courses that support your career goals. Make sure that you are taking the academic courses that support your post-secondary plans.

Endorsements:
___ Arts and Humanities
___ Business and Industry
___ Multidisciplinary Studies
___ Public Services
___ STEM

Pathway:

My Post High School plan will take me to:
(Check as many as apply)
___ Two Year College
___ Technical Training
___ Four Year College
___ Employment
___ Military
___ Other: _____

My Graduation Plan Type is:
_____ Foundation **_____ FHSP w/ Endorsement**
_____ Distinguished Level of Achievement

Graduation Plans 2017 and Later		
Discipline	**Foundation Credits**	**+ Endorsement Credits**
English	4	
Math	3	1
Science	3	1
Social Studies	3	
LOTE	2	
Fine Arts	1	
Physical Education	1	
Leadworthy	1	
Electives	4	2
Total Credits for Graduation	22	26

	7th Grade	8th Grade	9th Grade	10th Grade	11th Grade	12th Grade
E						
M						
SC						
SS						
5						
6						
7						
8						
Credit						

College, Career, Military Readiness (CCMR)

Brazosport ISD strives to ensure all our graduates are prepared for life after high school. Whether the student's next step be college, workforce, or military, it is important for us to help them be prepared to reach their goals.

House Bill 3, from the 86th legislative session (effective as of the 2019-2020 school year), requires districts to track how students are achieving readiness for college, career, and/or military.

In order to meet the CCMR standard, BISD students need to only meet the criteria in one of the following categories:

CATEGORY	DETAILS		
Meet TSI Criteria in Both Reading and Math	Reading (1 from list below) ● *TSI Reading & Writing Ready* ● *SAT Evidence-based Reading/Writing (480)* ● *ACT English (composite 23 w/ 19 on Reading)* ● *Credit for College Prep English*	**AND**	MATH (1 from list below) ● *TSI Mathematics Ready* ● *SAT Math (530)* ● *ACT Math (composite 23 w/ 19 on Math)* ● *Credit for College Prep Math*
Score 3 or above on 1 AP exam	AP EXAM: _____ Score: _____ (3 or greater required)		
Dual Credit Hours	3 Hours of Dual-Course Credit in ELA or Math	**OR**	9 Hours of Dual-Course Credit in ANY Subject
US Armed Forces	Enlistment in the US Armed Forces		
Industry Based CTE Certificate	The student has earned an industry-based certificate from the Texas Education Agency approved list.		
Associates Degree	Earn an Associates Degree while in High School		
Graduate with Completed IEP and Workforce Readiness	Received graduation type code of 04, 05, 54, or 55		

Arts & Humanities Endorsement

A student may earn an Arts & Humanities endorsement by completing foundation and general endorsement requirements and:

- Option 1: A total of five social studies credits (Chapter 113 or Chapter 118), or
- Option 2: Four levels of the same language other than English (Chapter 114), or
- Option 3: Two levels of the same language other than English and two levels of a different language other than English (EX: 2 years of Spanish & 2 years of French), or
- Option 4: Four levels of American Sign Language, or
- Option 5: A coherent sequence of four credits from one or two disciplines in Fine Arts (Chapter 117), or
- Option 6: Four English elective credits by selecting from the following:
    - English IV
    - Independent Study in English
    - Creative Writing
    - Research & Technical Writing
    - Humanities
    - Advanced Placement English Literature & Composition

Public Service Endorsement

A student can earn a Public Services endorsement by completing foundation and general endorsement requirements and:

- Option 1: A coherent sequence of courses for four or more credits in CTE (Chapters 127 and 130). Two courses must be in the same career cluster and one must be an advanced CTE course, which includes any course that is the third or higher course in a sequence. The final CTE course in the sequence must be selected from one of the following career clusters:
    - Education & Training
    - Health Services

- Option 2: Four courses in Junior Reserves Officers' Training Corp (JROTC).

Business & Industry Endorsement

A student may earn a Business & Industry endorsement by completing foundation and general endorsement requirements and:

- Option 1: A coherent sequence of courses for four or more credits in CTE (Chapters 127 or 130). Two courses must be in the same career cluster and one must be an advanced CTE course, which includes any course that is the third or higher course in a sequence. The final CTE course in the sequence must be selected from one of the following career clusters:
  - Agriculture, Food & Natural Resources
  - Architecture & Construction
  - Arts, AV Technology & Communication
  - Business, Marketing & Finance
  - Hospitality & Tourism
  - Manufacturing
- Option 2: Four English elective credits (Chapter 110) by selecting three levels in one of the following areas:
  - Public Speaking/Debate
- Option 3: A coherent sequence of four credits from (Option 1), (Option 2).

Multidisciplinary Endorsement

A student may earn a Multidisciplinary study endorsement by completing foundation and general endorsement requirements and:

- Option 1: Four advanced courses that prepare a student to enter the workforce successfully or postsecondary education without remediation from either within one endorsement area or among endorsement areas that are not in a coherent sequence, or
- Option 2: Four credits in each of the four foundation subject areas to include English IV and chemistry and/or physics, or
- Option 3: Four credits in advanced placement or dual credit selected from English, mathematics, science, social studies, economics, languages other than English, or fine arts.

STEM Endorsement

A student may earn a STEM endorsement by completing foundation and general endorsement requirements including Algebra II, chemistry, physics and:

- Option 1: A coherent sequence of courses for four or more credits in CTE (Chapters 127 or 130). Two courses must be in the same career cluster and one must be an advanced CTE course, which includes any course that is the third or higher course in a sequence. The final CTE course in the sequence must be selected from the STEM career cluster, or
- Option 2: A total of five credits in mathematics by successfully completing Algebra I, Geometry, Algebra II and two additional mathematics courses for which Algebra II is a prerequisite, or
- Option 3: A total of five credits in science by successfully completing biology, chemistry, physics, and two additional science courses, or
- Option 4: In addition to Algebra II, chemistry, and physics, a coherent sequence of three additional credits from no more than two of the areas listed in (Option 1), (Option 2), (Option 3).
- Option 5: A coherent sequence of four credits in computer science. The courses offered are:

Prior to Entering 2018-19 School Year:	Entering 2018-19 School Year or Later:
Computer Science 1	Computer Science Essentials
AP Computer Science A	AP Computer Science Principles
Discrete Mathematics for Computer Science	AP Computer Science A (2 credits)
Independent Studies of Technology Applications	

Distinguished Level of Achievement

Students who wish to graduate with the Distinguished Level of Achievement must complete:
All Foundation Plan requirements plus the following:

- Four credits in mathematics, which must include Algebra II
- Four credits in science
- Requirements for at least one endorsement

Performance Acknowledgments

Students on the Foundation and/or Distinguished Level of Achievement may also receive **Performance Acknowledgments** that are designated on the student's transcript for the following accomplishments:

A. Dual Credit:
    i. At least 12 hours of college academic courses, including those taken for dual credit as part of the Texas core curriculum, and advanced technical credit courses, including locally articulated courses, with a grade of the equivalent of 3.0 or higher on a scale of 4.0; or
    ii. An associate degree while in high school.
B. Bilingualism and Biliteracy:
    a. A student may earn a performance acknowledgment by demonstrating proficiency in two or more languages by:
        i. Completing all English language arts requirements and maintaining a minimum grade point average (GPA) of the equivalent of 80 on a scale of 100; and
        ii. Satisfying one of the following:
            1. Completion of a minimum of three credits in the same language in a language other than English with a minimum GPA of the equivalent of 80 on a scale of 100; or
            2. Demonstrated proficiency in the Texas Essential Knowledge and Skills for Level IV or higher in a language other than English with a minimum GPA of the equivalent of 80 on a scale of 100; or
            3. Completion of at least three credits in foundation subject area courses in a language other than English with a minimum GPA of 80 on a scale of 100; or
            4. Demonstrated proficiency in one or more Languages Other Than English through one of the following methods:
                a. Score 3 or higher on an Advanced Placement exam for a Language Other Than English; or
                b. Score 4 or higher on an International Baccalaureate exam for a higher level Language Other Than English course; or

c. Performance on a national assessment of language proficiency in a Language Other Than English of at least Intermediate High.
d. In addition to meeting the requirements of the above subsection, to earn a performance acknowledgment in bilingualism and biliteracy, an English language learner must also have:
    i. Participated in and met the exit criteria for a bilingual or ESL program; and
    ii. Scored at the Advanced High level on the Texas English Language Proficiency Assessment System (TELPAS).

C. Advanced Placement test or International Baccalaureate examination by earning:
    i. A score of 3 or above on a College Board Advanced Placement examination; or
    ii. A score of 4 or above on an International Baccalaureate examination.
D. PSAT, the ACT Aspire, the SAT, or the ACT by:
    i. Earning a score on the Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT/NMSQT®) that qualifies the student for recognition as a commended scholar or higher by the College Board and National Merit Scholarship Corporation, as part of the National Hispanic Recognition Program (NHRP) of the College Board or as part of the National Achievement Scholarship Program of the National Merit Scholarship Corporation;
    ii. Achieving the college readiness benchmark score on at least three of the five subject tests on the ACT Aspire exam; or
    iii. Earning a total score of at least 1310 on the SAT; or
    iv. A composite score on the ACT exam (without writing) of 28.
E. Earning a state, nationally or internationally recognized business or industry certification or license with:
    i. Performance on an examination sufficient to obtain a state, nationally or internationally recognized business or industry certification.
    ii. Performance on an examination sufficient to obtain a government-required credential to practice a profession.

Career and Technical Education

What Are Programs of Study?

A program of study is a coordinated, non-duplicative sequence of academic and technical content provided at the secondary and post-secondary level that:

- Incorporates challenging state academic standards
- Addresses academic, technical, and employable skills
- Aligns with the needs of industries in the state, regional, and local economy
- Progresses in specificity, beginning with aspects of industry and leading to more occupation specific instruction.
- Has multiple entry and exit points that incorporate credentialing
- Students are recognized as a CTE completer upon the completion of three or more courses for four or more credits including one level 3 or level 4 course.
- Culminates in the attainment of a recognized postsecondary credential

What Programs of Study are offered at BISD?

Programs of study are course sequences that prepare students with the knowledge and skills necessary for success in their chosen career. These sequences embed relevant, real-world experiences and culminate in a postsecondary credential. At BISD we offer the following programs of study:

Animal Science (Vet Tech)	**Digital Communications**	**Rocketry Engineering**
Applied Agricultural Engineering (Ag Mech)	**Accounting & Financial Services**	**Culinary Arts**
Environmental and Natural Resources (Wildlife)	**Business Management**	**Family and Community Services**
Plant Science (Floral)	**Entrepreneurship**	**Health and Wellness**
Architectural Design*	**Teaching and Training**	**Robotics (Advanced Manufacturing & Machinery Mechanics)**
Carpentry/Construction	**Refining and Chemical Process***	**Welding**
Electrical*	**Healthcare Diagnostics**	**Cybersecurity**
Design & Multimedia Arts	**Healthcare Therapeutic**	**PLTW Engineering**
Printing and Imaging	**Nursing Science**	**Automotive***

*Signifies Programs of Study Offered at Brazosport College

Suggested sequences are provided in the CTE Exploration Guide to utilize as a reference when making schedule determinations. For more information concerning CTE Programs of Study, please refer to the **CTE Exploration Guide** or visit with your counselor. We also encourage you to visit the following sites for additional information on CTE and Programs of Study.

Texas Education Agency	www.tea.state.tx.us
O*Net – My Next Move	www.mynextmove.org/
Texas Workforce Commission	www.twc.state.tx.us
Occupational Outlook Handbook	www.bls.gov/oco
Texas-Career Alternative Evaluation System	www.texascaresonline.com
Texas CTE Resource Center	www.txcte.org

METHODS OF EARNING CREDITS

Students can earn a half credit for each semester course and a whole credit for a year-long course. Students traditionally earn 8 credits a year when they pass all of their courses and are not denied credit for excessive absences. Students should talk to their counselor to plan their credits. The following are ways a student can earn credits:

- Course is taken as a part of the student's high school schedule.
- Dual Credit college course- approved by BISD taken for high school credit and college credit. Must be one of the approved courses listed on the dual credit list.
- Credit-by–Exam (CBE) is an approved exam through the University of Texas' distance learning. Students may use CBE to demonstrate mastery in secondary subject areas with the prior approval of the appropriate administrator. Students should contact their school guidance counselor in order to register.
- Correspondence course- an approved course through Texas Tech University distance learning and the University of Texas distance learning.
- Online courses- approved course through Texas Virtual School Network, Texas Tech University distance learning, the University of Texas distance learning program, and Edgenuity.
- Non-Traditional Credit - computer based curriculum approved by BISD for students who have failed courses and lost credit and for initial credit with approval.
- Intermediate school courses taken for high school credit prior to coming to high school.

Students and parents/guardians assume the cost of taking courses outside of their regular high school schedule. Students and parents/guardians assume the responsibility for registering for, and completing courses attempted. Students must talk to their counselor for information regarding alternate methods of acquiring credits before signing up for any course.

Texas Virtual School Network (TXVSN) (Secondary Grade Levels)

The Texas Virtual School Network (TXVSN) has been established as one method of distance learning. The TxVSN provides high school courses to supplement regular instructional programs. A student has the option, with certain limitations, to enroll in a course offered through the TXVSN to earn course credit for graduation. Depending on the TXVSN course in which a student enrolls, the course may be subject to the "no pass, no play" rules. In addition, for a student who enrolls in a TXVSN course for which an end-of-course (EOC) assessment is required, the student must still take the corresponding EOC assessment. If you have questions or wish to make a request that your child be enrolled in a TVSN course, please contact the school counselor. Unless an exception is made by the Principal, a student will not be allowed to enroll in a TXVSN course if the school offers the same or a similar course.

Brazos Success Academy (BSA)

Brazos Success Academy offers students an opportunity to accelerate credit toward graduation through traditional and non-traditional credit (NTC) options. Students are able to complete curriculum through both blended and online instruction.

The goal of Brazos Success Academyis to support the BISD Beliefs, Vision, and Mission by providing opportunities for students to access accelerated curriculum in order to gain course

credits to join their cohort classmates at graduation or graduate early from Brazos Success Academy.

The Brazos Success Academy aligns with the district scope and sequence. The school has certified teachers in the four content areas (English, Math, Science, and Social Studies) who work with students each day to help them gain credits.

Academic Programs at Brazos Success Academy:

- B*Inspired - 9th grade program to help students gain credit to be with their cohort: The B*Inspired program helps 9th grade students who have not gained sufficient core credits to receive traditional and non-traditional credit recovery instruction to complete two years' worth of credits in one year's time. This will enable students to return to their home campus as juniors and on track for graduation with their peers.
    - Eligibility: Students who have not gained sufficient credits in their four core academic courses as freshmen are invited to Brazos Success Academy. Students will be working on an accelerated instructional plan in order to complete credits at a pace more quickly than what is possible at their home campuses.
- School of Choice: Brazos Success Academy offers students who are looking for something different or more flexible than the traditional high school model. They realize the benefits of high school graduation and want to accelerate their education to access opportunities beyond high school. Students who are on track to graduate but are looking for an alternative high school can apply/interview at the end of their freshman year for available positions for the upcoming school year. Students in sophomore, junior, or senior years may also apply throughout the year for available spots in the upcoming semester or year.
- Night School: Brazos Success Academy offers night school for students who are at or near 19 credits and have met all EOC assessment requirements. It is intended for students who work or have other obligations during the day so that students can still complete their high school graduation requirements. All Brazos Success Academy students may attend night school to further their progress toward graduation. Brazos Success Academy night school program is open to all the high school students in the district.

Application Process - Students can begin the application process at their home campus for Brazos Success Academy. Students will be selected based on ability to meet student needs, to provide services, and availability of space. Home campuses will work collaboratively with Brazos Success Academy Counselor and Principal.

THE NATIONAL COLLEGIATE ATHLETIC ASSOCIATION (NCAA) CURRICULUM

Many college sports are regulated by the National Collegiate Athletic Association (NCAA), an organization that has established rules on eligibility, recruiting and financial aid. If students are applying to college and plan to participate in Division I or Division II sports, they must be certified by the NCAA Initial-Eligibility Clearinghouse. The Clearinghouse will analyze academic information and determine if students meet the NCAA's initial-eligibility requirements.

Specific academic and college entrance exam requirements for Division I, Division II, and Division III sports can be found on the NCAA website at www.eligibilitycenter.org. When taking the SAT/ACT, students should list the NCAA Clearinghouse site (**9999**) on the score reporting section of the registration form. Fee waivers are available; see your counselor for details.

Students wanting to participate in Division I or Division II sports should start the certification process at the website as early as spring of sophomore year. **Students wanting to participate in Division III sports or who are undecided should create a profile page on the website.**
A free copy of *The Guide for the College Bound Student-Athlete* is available by calling 1-800-638-3731 or by visiting the website at www.eligibilitycenter.org **for more information.**

Student athletes should work with their campus counselor to enroll in courses that will count toward NCAA core course eligibility. Students should be aware that online courses (such as Edgenuity), credit recovery courses, correspondence courses, and credit by exam may not count toward core course eligibility for NCAA.

GRADUATION AND SPECIAL EDUCATION

Students with disabilities earn the same diploma as all students. The ARD committee determines:

- Course of Study (4 Year Plan with guidance from counseling services)
- Appropriate Supports for Each Course (Accommodations/Modifications)
- Least Restrictive Environment for each Course
- Appropriate assessment based on what's available and eligibility/participation requirements
- If the student will be required to pass the state assessment (all required EOCs) in order to graduate

These ARD committee determinations lead decision making about graduation for students with disabilities, based on the requirements and options available as outlined in the Commissioner's Rules Concerning Special Education Services-Graduation Requirements (TAC §89.1070) and the Individual Graduation Committee (SB 149).

ADVANCED ACADEMICS

Advanced Placement and Honors Guidelines

Advanced Placement (AP) and Honors classes offer college and work preparation for students while they are still in high school. Students are encouraged to take AP classes and exams in order to prepare for college and for possible college credit. Receiving college credit while still in high school can save thousands of dollars on college tuition and also enhance the likelihood of college success.

All Brazosport ISD students who wish to accept the academic challenge of an AP or Honors class are welcome to participate in those programs; however, students and parents/guardians should be aware of the prerequisites required for each class. Since state testing requirements can and do change, prerequisites related to state testing can change. Any student who fails to demonstrate academic readiness on course related performance assessments, including STAAR, must receive principal or designee and parent/guardian permission to enroll in the advanced class. Students and parents/guardians should be aware of the expectations and rigorous coursework for these classes so they can make informed decisions prior to making a commitment to course selections. All students considering Advanced Placement courses are encouraged to take Honors classes as preparation for college level coursework.

Our goal is for students to be successful at the highest possible level. Honors/AP classes in BISD stimulate and challenge motivated students to perform at an advanced academic level and are more rigorous and in-depth than regular classes. These classes are more rigorous, include different types of assignments, and require additional outside reading. Resourceful, dedicated and trained Honors/AP teachers work with their students to develop and apply the skills, abilities, and content knowledge that will be necessary for college. Parental support plays a key role in the success of Honors/AP students; therefore, please read and note the following criteria:

Student/Parent/Guardian Responsibilities:

- Students must demonstrate academic readiness on course-related performance assessments such as STAAR.
- AP and Honors courses require more independent work and study time per week than a regular class. Students will need to read and prepare outside of class to participate effectively in classroom discussions and activities. Maintaining excellent class attendance and managing out-of-class time effectively will be required.
- In order to be successful, students must commit to full participation and seek assistance when needed.
- Acceptance of late work in AP and Honors courses allows students one day to turn in late work. Additionally, a student will receive a grade of no higher than 70% on the late assignment.
- Students enrolled in an AP course are expected to take the AP test at the end of the course.

The following guidelines/criteria will apply if a student is recommended for removal from an AP or Honors course:

- For all students making below a 70 average on any progress report for any nine week grading period, the teacher will contact the parent or guardian to discuss coursework and the expectations and requirements to continue in the AP or Honors course.
- A student whose grade for the first nine week grading period each semester falls below 60 shall be removed from the AP or Honors course and placed in a general level course, if a general level course is available. This is to ensure that the student earns credit for the semester. A student who fails the course and does not earn credit in the fall semester shall be removed from the AP or Honors course and placed in a general level course for the remainder of the year, if a general level course is available.
- A student making below a 75 average at the end of the third week of the semester may, upon request and parent/guardian approval, be placed in an appropriate level class for the remainder of the school year, provided space is available.
- A student may, upon request; transfer from an AP or Honors course to an appropriate level course at the end of any grading period, provided space is available. Teacher, administrator, and parent/guardian approval is required.
- Students who are enrolled in AP and Honors courses are responsible for maintaining the academic integrity of BISD by completing all assigned work without engaging in cheating, fraud, plagiarism, or prohibitive electronic assistance. A documented finding of academic dishonesty shall result in academic and disciplinary consequences as outlined in the BISD Academic Grading Regulation.
- Removal from an AP or Honors class will not prohibit a student from taking an AP or Honors class in the future.

Academic Considerations

Honors and AP curricula are written above the grade level of a traditional class. Students should be independent learners as instruction is fast paced, in-depth, complex, and abstract. Students should understand that much of the work is done outside of class. An A or B in the subject area indicates that the student has the academic ability and the task commitment to succeed.

Performance Considerations

Students taking Advanced Placement (AP) or Honors courses should be independent learners who demonstrate:

Motivation: Some students take Honors/AP classes because it is the best preparation for college, the workforce, and life after high school. Others take AP classes for possible college credit, preparation for college, for higher grade points, or purely for the love of learning. Whatever the reason, students should apply their best effort.

Time Management and Organization: Students in Honors/AP classes should begin assignments when they are assigned, use planners and schedules to help plan multiple projects, and develop the self-discipline to make academic achievement a priority.

Positive Attitude: Honors/AP courses demand more attention, work, and effort than a regular class. Students should persevere, and when faced with challenges, take the necessary steps to succeed in the class (tutorials, study groups, etc.). Students who can adjust to the rigor while in high school find greater success in college.

Strong Work Ethic: Students should be committed in their goal to be successful in Honors/AP and demonstrate that commitment by good attendance, punctuality, and by showing respect for themselves and others. Students should expect to do a considerable amount of study and preparation outside of class, and to complete all assignments on time.

Other Considerations

Each student is unique in personality, goals, and their life situation; therefore decisions regarding a student's participation in advanced courses should be made on an individual basis. Some things to consider are:

Concurrent Enrollment in Honors/AP courses: Consideration should be given to other commitments. Some students successfully manage multiple AP classes, jobs, and extracurricular activities; while others become overwhelmed by the demands of a rigorous schedule. Students should discuss their goals and commitments with parents/guardians and counselors and strive to maintain balance between academic pursuits and a healthy lifestyle.

Intellectual and Emotional Maturity: Honors/AP courses are above grade level and students may be expected to read or discuss topics that are not usually expected for that chronological age. Most AP courses are designed for 11th and 12th grade students.

State Testing: Students taking AP courses are still required to take and pass all required state testing as mandated by their graduation plan. Students in AP courses that take the place of a STAAR EOC tested core course must meet the performance standards on the STAAR EOC test.

Advanced Placement Exams: Students may take College Board Exams for possible college credit and/or placement. The campus counseling centers have additional information or visit the College Board website at http://apcentral.collegeboard.com/home.

Special Education/Section 504 Accommodations*

Brazosport ISD students who currently receive 504/IDEA accommodations for their high school courses should schedule a visit with the college campus Coordinator of Disability Services. High school accommodations may not be recognized in a college course.

As Applies to Honors/AP Students: The following guidelines are intended to apply to eligible special education and Section 504 students who enroll in Honors or AP courses. While Honors/AP courses are open to any student wishing to enroll, including special education and Section 504 students; counselors, parents/guardians, ARD Committees and Section 504 Committees should be aware that these are high-level academic classes. To be eligible for accommodations in a Honors/AP class, the student must be eligible for the same

accommodations in a non- Honors/AP classroom. The following guidelines shall be applicable to all special education and Section 504 students who enroll in Honors/AP courses:

1. Special Education or Section 504 students must have equal opportunity to participate in Honors or AP courses.

2. While ARD and Section 504 Committees may wish to consider Honors or AP courses in connection with transition plans for students who will be attending college, ARD Committees and Section 504 Committees are not required to place students in Honors or AP classes. The student should be expected to be successful in a Honors or AP course with the allowable accommodations.

3. All students interested in college credit for Advanced Placement courses should contact the college or university of their choice to obtain policies and standards regarding Advanced Placement credit, including Special Ed/Section 504 accommodations.

*This information is accurate as of the printing of this document. For the most current information visit the TEA website. http://www.tea.state.tx.us/

DUAL CREDIT

The Dual Credit Program allows students to earn credit for high school while also earning college credit at Brazosport College (BC). Students may register for pre-approved college courses taught at the high school or at the college campus, BC. Each student must meet BC admission requirements in order to register for classes.

In addition, the following shall also pertain:

- Any student who failed a BISD or BC course the prior semester will be put on probationary dual credit status. If another course is failed the following semester after this placement, the student will not be allowed to register for another semester of dual credit. (Dual Credit - Probationary Status Form)
- Poor attendance will result in the student having to receive approval from the campus principal to register for the following semester. (Dual Credit - Probationary Status Form)
- If any BISD student withdraws from a BC course or makes a change to their courses in which they are enrolled in AND DOES NOT notify their counselor within 5 school days of withdrawal and/or change, the student will be placed on probationary dual credit status. If this action is repeated, then the student will not be allowed to re-enroll in dual credit the following semester. (Dual Credit - Probationary Status Form)
- If a student withdraws from a BC course, they will assume all responsibility for any associated fees and tuition.

For the 2021-2022 school year, Brazosport ISD will pay tuition for all **eligible** (see criteria for eligibility) dual credit students up to 2 courses (6-8 credit hours) per semester during the Fall and Spring semester only. The fall semester includes the winter mini semester and spring semester includes the May mini semester. Summer dual credit tuition remains the responsibility of the student as does any tuition beyond the 2 courses covered per semester. **Students will be responsible for textbooks and other course fees. Students are also responsible for tuition for any courses taken more than once.** Tuition, fees, and textbooks for students accepted into the CATALYST program are paid for by Brazosport ISD.

All dual credit course grades will be recorded numerically and used in averaging the high school GPA. Selected academic dual credit courses will receive a weight of 1.10. To receive high school credit for a BC dual credit course, a student must earn a grade of 70 or higher. If only one of two college courses listed together (ie. ENGL 1301 and 1302) is completed, dual credit courses cannot be averaged with the equivalent high school course for semester averaging or to regain credit.

Students taking Dual Credit courses are still required to take and pass all required state testing as mandated by their graduation plan. For those Dual Credit courses that take the place of a STAAR EOC tested core course, students must meet performance standards on the STAAR EOC test and the final course grade will comply with STAAR EOC requirements for the substituted core subject course.

After discussing your interest to take dual credit courses with your counselor, see the dual credit counselor on your campus to enroll at BC.
A dual credit crosswalk is available after the course description section of the EPG.
Course descriptions for college courses for can be found at: http://catalog.brazosport.edu

BRAZOSPORT ISD FUNDED DUAL CREDIT ELIGIBILITY CRITERIA

For the 2021-2022 school year, Brazosport ISD will pay tuition for all **eligible** (see criteria for eligibility below) dual credit students up to 2 courses (6-8 credit hours) per semester during the Fall and Spring semester only. Summer dual credit tuition remains the responsibility of the student as does any tuition beyond the 2 courses covered per semester. Students will be responsible for textbooks and other course fees. Students are also responsible for tuition for any courses taken more than once.
Tuition, fees, and textbooks for students accepted into the CATALYST program are paid for by Brazosport ISD.

Eligibility Criteria for BISD Funded Dual Credit:

For academic dual credit courses & the CATALYST program:

- Students may have no year-end report card grades below an 80 on prior-year coursework (excluding any dual credit courses).

For CTE/Workforce dual credit courses:

- Students may have no year-end report card grades below a 70 on prior-year coursework.

For all dual credit courses:

- Students must have passing grades (70 or above) in all previous dual credit courses.
- If previously withdrawn from a dual credit course, the student must have reimbursed Brazosport ISD for any applicable tuition and fees.

Special Notes:

- Students who do not meet the eligibility criteria above are responsible for reimbursing Brazosport ISD for any tuition and fees paid for by Brazosport ISD. In some cases, Brazosport College will collect tuition and fees for students that do not meet the above eligibility requirements.
- Campus principals may establish a committee to review extraordinary circumstances when necessary to consider waiving certain eligibility requirements for a student in such circumstances. The principal's recommendation to the Assistant Superintendent of Curriculum and Assessment is final. The recommendation is subject to review by the Assistant Superintendent of Curriculum and Assessment.
- If a student does not meet the "**Eligibility Criteria for BISD Funded Dual Credit**", they may still take dual credit coursework provided they meet prerequisites, TSI requirements, have not been successful after being placed on probationary status, and met any other requirements established by Brazosport College. Such students will be responsible for the associated tuition and fees by submitting payment to Brazosport College or reimbursing Brazosport ISD if the district has been charged for the student's coursework.

STEPS TO DUAL CREDIT ENROLLMENT AT BRAZOSPORT COLLEGE

★ Discuss taking dual credit college courses with your high school counselor and your dual credit counselor. Pick up an Early Admission/Dual Credit Program form from the Dual Credit Counselor. Take it home, get it signed by your parent/guardian, and return it either to your dual credit counselor or the college.

★ New BC Students: Complete the BC Application for Admission at www.applytexas.org. You should receive a BC student ID # and PIN # in your email within 48 hours. Submit a Bacterial Meningitis Vaccination Verification Form to the BC Registrar's Office with a copy of your shot record or your physician/health professional's verification if taking courses on the college campus.

★ If required for your class, take the TSI Assessment if you're not waived or exempt due to one of the sets of scores below.

- SAT: (administered prior to March 2016): A minimum combined critical reading and mathematics score of 1070, with a minimum score of 500 on the mathematics test for a TSI exemption in math; a minimum combined critical reading and mathematics score of 1070, with a minimum score of 500 on the critical reading test for a TSI exemption in both reading and writing
- SAT: (administered on or after March 5, 2016): a minimum score of 530 on the Mathematics test for a TSI exemption in math (no combined score required); a minimum score of 480 on the Evidenced-Based Reading & Writing (EBRW) for a TSI exemption in both reading and writing (no combined score required)
- PSAT: 50 Critical Reading and/or 50 Math, with 107 total
- ACT: Math and/or English 19 with a composite score of 23
- STAAR: English II: 4000; Algebra I: 4000 and credit earned for Algebra 2
  - Before you can take the TSI Assessment you must complete the Application for Admission at www.applytexas.org and do the TSI Pre-assessment activity at www.brazosport.edu/paa.
  - To register for the TSI call (979)230-3040. The test is free to dual credit students.
  - Note: Testing is not required for many technical courses. Your dual credit counselor can advise you about testing requirements.

★ Optional - To be eligible for scholarships or grants, fill out a financial aid application (FAFSA) at least one month prior to registration, at www.fafsa.gov, along with any other financial aid forms required by the BC Financial Aid Office.

★ Register in person with your dual credit counselor or at the college meeting with an advisor or online through myBC at www.brazosport.edu by the registration deadline for each semester. The myBC link is at the bottom of the Brazosport College Homepage. Log in with your college ID# and college PIN.

★ Buy your books and pay tuition by the payment deadline, then start classes!

Questions? Contact: Darla Fagan, Brazosport H.S. (979)730-7260 ext. 24111 or at BC: (979) 230-3529 or email dfagan@brazosportisd.net or Darla.Fagan@brazosport.edu OR Gladys DeLaFuente, Brazoswood H.S. (979) 730-7300 ext. 15202 or at BC: (979) 230-3497 or email: gladys.delafuente@brazosport.edu or gdelafuente@brazosportisd.net

WEIGHTED GRADES FOR DETERMINING GPA

The following table represents BISD's current weighted grades. A grading index factor of 1.05 or 1.10 is applied to the original semester grade (refer to the table of weighted grades), as per BISD District policy EIC local. Only semester grades are weighted. Our school district has adopted the following procedure since the State Board of Education has mandated that grades in excess of 100 cannot be reported. Grades earned in Honors, AP, and Dual Credit at either BC, weighted dual credit courses will be reported on report cards to parents/guardians without the weighted factor added. However, separate records that reflect the factored semester grade will be maintained by the registrar for class rank, grade point average, and for all other programs using GPA (i.e. National Honor Society). Dual Credit courses are offered through Brazosport College (BC). Note: Students may not receive high school credit for multiple courses covering similar curriculum. For example; A student cannot take both Dual Credit and AP United States History. Generally, the AP and Dual Credit levels of courses are considered equivalent. Students cannot take both levels for credit.

Current Weighted Grades	
English Courses	**Grade**
English I,II, III Honors	1.05
English III AP (Language & Composition)	1.10
English III & IV – Brazosport College Dual Credit	1.10
English IV AP (Literature & Composition)	1.10
Humanities – Brazosport College Dual Credit	1.10
Math Courses	**Grade**
Geometry Honors (9th Grade)	1.05
Algebra I, II Honors	1.05
Pre-Calculus (per UIL)	1.00
Pre-Calculus Honors	1.05
Statistics AP	1.10
Calculus (AB & BC) AP	1.10
Statistics – Brazosport College Dual Credit	1.10
Quantitative Reasoning – Brazosport College Dual Credit	1.10
ISM - College Algebra / Fund. Of Math - Brazosport College Dual Credit	1.10
ISM – Finite Math / Business Calculus - Brazosport College Dual Credit	1.10
ISM - College Algebra for Calculus / Pre Calc. - Brazosport College Dual Credit	1.10
ISM – Calculus I / Calculus II - Brazosport College Dual Credit	1.10
Science Courses	**Grade**
Anatomy & Physiology	1.05
Biology Honors	1.05
Biology - Brazosport College Dual Credit	1.10
Biology AP	1.10
Chemistry Honors	1.05
Chemistry - Brazosport College Dual Credit	1.10
Chemistry AP	1.10
Physics I AP	1.10
Physics II AP	1.10
Physics C AP	1.10
Physics (University & College) - Brazosport College Dual Credit	1.10
Anatomy and Physiology – Brazosport College Dual Credit	1.10
Environmental Systems – Brazosport College Dual Credit	1.10
Environmental Science AP	1.10
Systems Go! Rockets 1, 2, 3	1.05
Robotics 3	1.05
Pathophysiology	1.05
Medical Microbiology	1.05
Medical Microbiology - Brazosport College Dual Credit	1.10

Current Weighted Grades	
Social Studies Courses	**Grade**
Human Geography AP	1.10
United States History AP	1.10
United States History - Brazosport College Dual Credit	1.10
Psychology - Brazosport College Dual Credit	1.10
Psychology AP	1.10
World Geography Studies Honors	1.05
World History AP	1.10
Sociology - Brazosport College Dual Credit	1.10
Economics -Brazosport College Dual Credit	1.10
Macroeconomics AP	1.10
United States Government and Politics AP	1.10
United States Government and Politics – Brazosport College Dual Credit	1.10
European History AP	1.10
Comparative Government AP	1.10
Microeconomics AP	1.10
Special Topics in Social Studies: Texas Government – Brazosport College Dual Credit	1.10
Languages Other than English	**Grade**
French II Honors	1.05
French III Honors	1.05
French IV AP (Language)	1.10
German II Honors	1.05
German III Honors	1.05
German IV AP (Language)	1.10
Spanish I - Brazosport College Dual Credit	1.10
Spanish II - Brazosport College Dual Credit	1.10
Spanish II Honors	1.05
Spanish III Honors	1.05
Spanish III - Brazosport College Dual Credit	1.10
Spanish IV - Brazosport College Dual Credit	1.10
Spanish IV AP (Language)	1.10
Spanish V AP (Literature)	1.10
Other	**Grade**
Studio Art - Drawing Portfolio, 2-D Portfolio, 3-D Portfolio AP	1.10
AP Computer Science A	1.10
AP Computer Science Principles	1.10
AP Capstone Seminar	1.10
AP Capstone Research	1.10

GPA EXEMPTIONS

1. Courses may be taken as GPA-exempt courses, but are limited to two courses per semester per student, Junior and Senior year only.

2. The student's intent to take a course on the GPA-exempt basis option must be declared within the first three weeks of each semester or school year depending on course length. This decision is final and cannot be rescinded.

3. The numerical grade earned on a GPA-exempt course shall be posted on the transcript with no grade points.

4. The courses will still fall under the no-pass-no-play guidelines

The intent to exempt the GPA is to increase/keep student participation in extracurricular programs that no longer provide viable credits to students, but assist in creating well- rounded individuals.

Areas allowed for a GPA exemption under this policy include

- Band, Color Guard, Winter Guard
- Choir
- Orchestra
- Athletics, Cheer, Drill Team
- Theater
- ROTC
- STUCO Leadership (not Teen leadership)
- Learning Frameworks
- Academic Prep Courses (ACT/SAT Prep, Science Olympiad, UIL Preparation)
- College Admissions Readiness and Preparation
- Senior Level CTE Practicums

ADVANCED CLASSES FOR NO PASS NO PLAY EXEMPTIONS

The following advanced courses are eligible for exemption for extracurricular activity participation:

- All College Board Advanced Placement Courses in all disciplines.
- Dual Credit Courses in English, LOTE, Math, Science, and Social Studies only.
- Honors Courses in English, LOTE, Math, Science, and Social Studies only.

Regulations which relate to UIL and all other extracurricular activities sponsored or sanctioned by the school district are located at www.uiltexas.org.

English Language Arts
AP English Lang & Comp 3
AP English Lit & Comp 4
Dual Credit English 3 (BC)
Dual Credit English 4 (BC)
Honors English 1 & 2 & 3
Dual Credit Humanities (BC)

Math
AP Calculus AB or BC
AP Statistics
Dual Credit Finite Math (BC)
Dual Credit College Algebra (BC)
Dual Credit Calculus 1 & 2 (BC)
Dual Credit Business Calculus (BC)
Dual Credit Fundamentals of Math (BC)
Dual Credit Statistics (BC)
Dual Credit College Algebra for Calculus (BC)
Dual Credit Pre-Calculus (BC)
Dual Credit Quantitative Reasoning (BC)
Honors Algebra 2
Honors Geometry
Honors Pre-Calculus
Pre-Calculus (per UIL)

Social Studies
AP US Government
AP Human Geography
AP Macroeconomics
AP Comparative Government
AP Microeconomics
AP European History
AP Psychology
AP US History
AP World History
Dual Credit Economics (BC)
Dual Credit US Government (BC)
Dual Credit Psychology (BC)
Dual Credit Sociology (BC)
Dual Credit U.S History (BC)
Dual Credit Texas Government (BC)
Honors World Geography Studies

Languages Other than English
AP French 4
AP Spanish 4 & 5
AP German 4
Dual Credit Spanish 1, 2, 3, 4 (BC)
Honors French 3
Honors Spanish 3
Honors German 3
Honors French 2
Honors Spanish 2
Honors German 2

Science
AP Biology
AP Chemistry
AP Environmental Science
AP Physics 1, 2, and C
Dual Credit Anatomy & Physiology (BC)
Dual Credit Biology (BC)
Dual Credit Chemistry (BC)
Dual Credit Physics (College & University) (BC)
Dual Credit Environmental Systems (BC)
Dual Credit Medical Microbiology
Honors Biology
Honors Chemistry

Other AP/Dual Credit Courses
AP Studio Art – Drawing Portfolio, 2-D Portfolio, 3-D Portfolio
AP Capstone Research
AP Capstone Seminar
AP Computer Science A
AP Computer Science Principles
Dual Credit Learning Frameworks (BC)

CLASS RANK

Class rank indicates how a student's grades compare with those of other students in his/her class. Semester averages (not full-year averages) beginning with the ninth grade are used to compute class rank. All numeric scores for college classes, distance learning, and correspondence courses will be recorded and used to calculate the GPA (grade point average). Credit by Examination scores for which the student earns credit toward graduation will be recorded numerically and used to calculate the GPA.

Students will have a class rank based on a comparison with his/her classmates. Estimated class rank is determined for students at mid-term of their sophomore year. For juniors, class rank is determined in the summer immediately following the spring semester and again in August before they enter their senior year. Class rank for seniors is determined in January of their senior year. Another ranking shall be performed at the end of the 3rd nine weeks of the senior year to identify honor graduates (including Valedictorian and Salutatorian) for senior awards ceremonies and commencement exercises. The 3rd nine weeks ranking shall not include college courses for which the student is currently enrolled. A final calculation of GPA and class rank is determined at the completion of the senior year and after commencement exercises (including all grades earned in grades 9-12) and will be reflected on the final transcript.

Any graduating student, including registered early graduates, who earned the distinguished level of achievement under the Foundation High School Program and whose grade average is 94.0 or above will be listed as an honor graduate. Honor graduates are divided into three categories. Those with four-year averages between 98 and above are classified as Summa Cum Laude. Those with grade averages of 96 to 97.9 are classified as Magna Cum Laude. Those with grade averages of 94 to 95.9 are classified as Cum Laude.

Registered early graduates will be ranked with the class with which they graduate. Early graduates in this program may earn honor graduate status but may not displace a four-year graduate in rank. As per BISD board policy, EIC Local: Grade point average (GPA) for class rank purposes shall be calculated using all credits earned in grades 9–12. All course credits, including, but not limited to, transfer, correspondence, distance learning, credit by examination, and dual/concurrent, shall receive a numerical value for calculation purposes. GPA for class rank shall be calculated according to the Educational Planning Guide in effect for the customary four-year graduating class. The top ten percent of the graduating class shall be identified strictly on the basis of GPA. A student who transfers into the District during his or her last four semesters and meets all GPA criteria shall be included in the top ten percent of the class.

The honor of Valedictorian will be awarded to the graduate with the highest GPA. The honor of Salutatorian will be awarded to the graduate with the second highest GPA. The Valedictorian and Salutatorian must have been consecutively enrolled at the campus from which they are graduating for the last four semesters, excluding summers.

Brazosport Independent School District

Course Descriptions

Course offerings may vary based on enrollment.
Campus Key: Brazoswood (BW), Brazosport (BP), Brazosport College (BC)

English Language Arts / Reading

ENGLISH I

Credit: 1

Prerequisites: None.

Course emphasis is placed on reading, writing, speaking, listening, and thinking skills generated through work in a variety of genres and composition. The study of grammar and the grammatical structures is integrated with writing in which skills include emphasis on multi-paragraph essays. Students also work to develop skills in reading and evaluating short stories, novels, plays, and poetry.

Course ID: 4100; ENG 1; 03220100

Resources: See Instructor

Campus Offered: BP BW

ENGLISH I HONORS

Credit: 1

Prerequisites: None.

This course is designed to challenge very capable students. Course emphasis is placed on reading, writing, speaking, listening, and thinking skills generated through extensive reading, several additional compositions related to literature, and intense grammar and vocabulary study. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

Course ID: 4107; ENG 1; 03220100

Resources: See Instructor

Campus Offered: BP BW

ENGLISH II

Credit: 1

Prerequisites: English I.

Course emphasis is placed on reading, writing, speaking, listening, and thinking skills generated through work in a variety of genres and composition. The study of grammar and the grammatical structures is integrated with writing in which skills include emphasis on multi-paragraph essays. Students also become more skilled in reading and evaluating short stories, novels, plays, and poetry.

Course ID: 4200; ENG 2; 03220200

Resources: See Instructor

Campus Offered: BP BW

ENGLISH II HONORS

Credit: 1

Prerequisites: English I.

Very capable students continue to develop reading, writing, speaking, listening, and thinking skills generated through extensive reading, increasingly complex multi-paragraph essays, and intense grammar study. Vocabulary is expanded with emphasis on refinement of test-taking strategies for college entrance exams. Literary studies reflect greater quantity, depth of understanding, and evaluation of short stories, novels, plays, and poetry. Students in this class are responsible for independent studies outside of class well in excess of expectations of students in English II classes including independent reading, writing, and research components that will exceed those presented in an on-level course. A weighted grade will be applied to the semester average.

Course ID: 4207; ENG 2; 03220200

Resources: See Instructor

Campus Offered: BP BW

English Language Arts / Reading

ENGLISH III

Credit: 1

Prerequisites: English II.

Course emphasis is placed on reading, writing, speaking, listening, and thinking skills generated through the study of a variety of literary and expository works with emphasis on major works of American literature, stressing major authors and literary periods. Students will be required to write a documented, formal research paper as well as composition assignments of various lengths and types.

Course ID: 4300; ENG 3; 03220300

Resources: See Instructor

Campus Offered: BP BW

ENGLISH III HONORS

Credit: 1

Prerequisites: English II.

Students will write increasingly complex multi-paragraph compositions, often within one class period. They will study American literature, evaluate this literature, and draw parallels among the works studied. Both the number and difficulty of these assignments will be well beyond that expected in the regular program. In addition, students will complete independent projects. Students will also be expected to write a documented, formal research paper. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

Course ID: 4307; ENG 3; 03220300

Resources: See Instructor

Campus Offered: BP BW

ENGLISH III LANGUAGE & COMPOSITION ADVANCED PLACEMENT

Credit: 1

Prerequisites: English II.

Students enrolled in this course are expected to take the College Board AP examination. Individual colleges and universities determine advanced standing based on AP exam scores. This college level course trains students to become skilled readers of American prose written in a variety of periods, disciplines, and rhetorical contexts. Students develop composition skills to make them flexible writers in a variety of modes and for a variety of purposes. Students will also be expected to write a documented, formal research paper. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

Course ID: 4308; APENGLAN; A3220100

Resources: See Instructor

Campus Offered: BP BW

ENGLISH IV

Credit: 1

Prerequisites: English III.

Course emphasis is placed on reading, writing, speaking, listening, and thinking skills generated through the study of a variety of literary and expository works with emphasis on major works of British and world literature, stressing major authors and literary periods. Students will be required to write a documented, formal research paper as well as composition assignments of various lengths and types.

Course ID: 4400; ENG 4; 03220400

Resources: See Instructor

Campus Offered: BP BW

English Language Arts / Reading

ENGLISH IV LITERATURE & COMPOSITION ADVANCED PLACEMENT

Credit: 1

Prerequisites: English III.

Students enrolled in this course are expected to take the College Board AP examination. Individual colleges and universities determine advanced standing based on AP exam scores. This course will stress development of sophisticated skills in reading and analyzing literature, both poetry and prose, and refining essays written in various modes of disclosure and rhetorical strategies. Timed practices and emphasis on AP literature terminology, both introduced in Eng. III AP, will be utilized on a regular basis. Students will intensively study representative works of recognized literary merit from various genres and periods with emphasis on works by British and world literature authors, write on both literary and nonliterary topics, and do extensive independent reading and research. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average. This course can count as a fourth English if the student has met standards on both the English I and English II EOC's.

Course ID: 4408; APENGLIT; A3220200

Resources: See Instructor

Campus Offered: BP BW

ENGLISH COLLEGE PREPARATORY COURSE

Credit: 1

Prerequisites: Met standard on English I and English II STAAR EOC. Grade 12.

The focus of the course will be on applying critical reading skills for organizing, analyzing, and retaining material and developing written work appropriate to the audience, purpose, situation, and length of the assignment. This course is designed to prepare students for college level reading and writing intensive courses including English 1301. Students will learn to write effective, logical essays, utilizing textual support to develop reading comprehension strategies, and to analyze, synthesize, and make value judgments using critical thinking. This course will count for English IV under the Foundation Graduation Plan (HB5). This course can count as a fourth English if the student has met standards on both the English I and English II EOC's.

Course ID: 4524: CPELA; CP110100

Resources: Fusion Book 2 by Kemper, Meyer, Van Rys, Sebranek

Campus Offered: BP BW

CREATIVE AND IMAGINATIVE WRITING I

Credit: 1

Prerequisites: Recommended for Grades 10-12.

Students will become aware of the basic skills necessary to write in a variety of creative genres, including essays, reviews, short stories, memoir, and drama. Reading assignments will include the textbook as well as examples of excellent writing that will be provided in handouts. A major emphasis of the class will be written compositions. Each composition unit will consist of an introduction (lecture, examples, readings) followed by the writing process. Creative Writing I can count as a fourth English if the student has met standards on both the English I and English II EOC's.

Course ID: 4510; CREAT WR I; 03221200;

Resources: On Writing Well by Zinsser

Campus Offered: BP BW

INDEPENDENT STUDY IN ENGLISH: CREATIVE AND IMAGINATIVE WRITING II

Credit: 1

Prerequisites: Creative Writing I.

Students will continue to develop their writing skills in a variety of genres and analyze each genre through close reading of mentor texts. Students will develop skills in evaluating their own writing as well as that of their peers and work toward publishing polished pieces of writing. Note: This course may be taken a second-time for credit.

Course ID: 4520; IND ENG; 03221800; 4521; IND ENG2; 03221810

Resources: See Instructor

Campus Offered: BP BW

English Language Arts / Reading

HUMANITIES (Freshmen)

Credit: 1

Prerequisites: Approval Required

Humanities is an interdisciplinary course in which students develop their reading and writing skills while studying writing as an art form. Students will read widely to understand how authors craft compositions for various purposes. This course includes the study of major historical and cultural movements and their relationship to literature. Humanities is a rigorous course of study in which high school students will respond to elements of texts and visuals through outlets such as discussions, journals, oral interpretations, and dramatizations. In addition, students will use written composition to show an in-depth understanding of culture and history.

Course ID: 4525; HUMANIT; 03221600

Resources: See Instructor

Campus Offered: BP BW

RESEARCH AND TECHNICAL WRITING

Credit: 1

Prerequisites: Grades 11-12.

The study of technical writing allows students to develop skills necessary for writing persuasive and informative texts such as essays, reports, proposals, and memoranda. This rigorous composition course asks students to skillfully research a topic and present that information through a variety of media. All students are expected to demonstrate an understanding of the recursive nature of the writing process, effectively applying the conventions of usage and the mechanics of written English. The student's evaluation of his/her own writing, as well as the writing of others, insures that students completing this course are able to analyze and discuss published and unpublished pieces of writing, develop and apply criteria for effective writing and set their own goals as writers. This course can count as a fourth English if the student has met standards on both the English I and English II EOC's.

Course ID: 4530; TECH WR; 03221100

Resources: See Instructor

Campus Offered: BP BW

ENGLISH FOR SPEAKERS OF OTHER LANGUAGES I, II

Credit: 1 for each level

Prerequisites: Testing and language proficiency assessment of recent immigrants and LPAC recommendation.

This course is designed for students who speak another language and have difficulty with the English language. Employing skills in listening, speaking, reading and writing, students will move from simple to more complex activities. Upon completion of the course, students should be able to use the English language at a level sufficient for receiving instruction in various subject areas. English I SOL and English II SOL may be substituted for English I and English II credit. English III and English IV will be required for graduation.

Course ID: 4710; ENG1 SOL; 03200600 -- 4720; ENG2 SOL; 03200700

Resources: See Instructor

Campus Offered: BP BW

English/CTE (Business)

BUSINESS ENGLISH

Credit: 1

Prerequisites: English III. Grade 12.

Students will recognize, evaluate, and prepare for a rapidly evolving global business environment that requires flexibility and adaptability. Students apply technical skills to address business applications of emerging technologies. Students enhance reading, writing, computing communication, and reasoning skills and apply them to the business environment. Students are expected to plan, draft, and complete written compositions on a regular basis. Students edit their papers for clarity, engaging language, and the correct use of conventions and mechanics of written English and produce final, error-free drafts of business reproduction. Business English may be substituted for English IV credit under the Foundation Graduation Plan (HB 5). This course can count as a fourth English if the student has met standards on both the English I and English II EOC's. Organization: Business Professionals of America.

Course ID: 8176; BUSENGL; 13011600

Resources: See Instructor

Campus Offered: BSA

Journalism, Newspaper, Yearbook

Journalism, Newspaper, Yearbook

JOURNALISM

Credit: 1

Prerequisites: None.

Students will learn how journalism was responsible for the birth of America through the study of historic figures like Nellie Bly and Joseph Pulitzer. The class learns how to ask thoughtful questions, take notes and craft a well-organized story which may be published in the school newspaper, the Art Institute in Houston and other places to reinforce learning in the classroom. Students will also learn the basics of Adobe Photoshop and basic layout and design skills.

Course ID: 5900; JRNLSM; 03230100

Resources: Journalism Matters; McGraw Hill

Campus Offered: BP BW

PRINTING AND IMAGING TECHNOLOGY I (Yearbook/News I)

Credit: 1

Prerequisites: Application with teacher approval.
Recommended - Journalism, Photojournalism, or Principals of Arts, A/V, Technology & Communication.

Careers in printing span all aspects of the industry, including prepress, press, finishing and binding operations. This course will focus onprepress and provide students with an overview of the computers and software packages used for desktop publishing as well as theopportunity to design graphics using the computer and a variety of graphic software including Adobe InDesign and Photoshop. Studentswill use photography, writing skills, and graphic design to create publications such as the school news publication and yearbook.

Course ID: 5911; PRIMTEC1; 13009600

Resources: See Instructor

Campus Offered: BP BW

PRINTING AND IMAGING TECHNOLOGY II (Yearbook & News II)

Credit: 1

Prerequisites: Printing and Imaging Technology I

In addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications

Career Cluster®, students will be expected to develop an advanced understanding of the printing industry with a focus on digital pre-pressand desktop digital publishing. Students will use photography, writing skills, and graphic design to create publications such as the school news publication and yearbook.

Course ID: 5921; PRIMTEC2; 13009700

Resources: See Instructor

Campus Offered: BP BW

PRACTICUM IN PRINTING AND IMAGING TECHNOLOGY

Credit: 2

Prerequisites: Printing and Imaging Technology II or Newspaper II

Careers in printing span all aspects of the industry, including prepress, press, and finishing and bindery operations. In addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster®, students will be expected to develop an advanced understanding of the printing industry with a focus on digital pre-pressand desktop digital publishing. Students will use photography, writing skills, and graphic design to create publications such as the school news publication and yearbook.

Course ID: 5931; PRACPRI1; 13009800

Resources: See Instructor

Campus Offered: BP BW

COMMERCIAL PHOTOGRAPHY I

Credit: 1

Prerequisites: Recommended - Journalism, Photojournalism, or Principals of Arts, A/V, Technology & Communication.

Students will refine their photography skills by exploring professional photographers' work and alternative techniques. They will develop experience in color photography, studio lighting, and computer skills. This course focuses on the skills needed for a career in the commercial photographic field as well as continuing to build one's personal portfolio.

Course ID: 5970; CPHOTO1; 13009100

Resources: See Instructor

Campus Offered: BP BW

Journalism, Newspaper, Yearbook

COMMERCIAL PHOTOGRAPHY II

Credit: 1

Prerequisites: Commercial Photography I

In addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster®, students will be expected to develop an advanced understanding of the printing industry with a focus on digital pre-press and desktop digital publishing. Students will create publications such as school yearbook.

Course ID: 5971; CPHOTO2; 13009200

Resources: See Instructor

Campus Offered: BP BW

PRACTICUM IN COMMERCIAL PHOTOGRAPHY

Credit: 2

Prerequisites: Commercial Photography II

Careers in commercial photography span all aspects of the industry from setting up a shot to delivering products in a competitive market. In addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an advanced technical understanding of the commercial photography industry with a focus on producing, promoting, and presenting professional quality photographs.

Course ID: 5972; PRACCPH1; 13009250

Resources: See Instructor

Campus Offered: BP BW

INDEPENDENT STUDY IN JOURNALISM I, II

Credit: 1 for each level

Prerequisites: 1 credit in Journalism or Photojournalism. Teacher approval.

Option 1: Students whose previous high achievement in producing a publication or who are filling a leadership position for a publication will apply and enhance their written and visual communication skills. This may entail editing other's copy for clarity and conventions, managing photography equipment and photography production, creating and managing the graphic design of a publication or managing the business and marketing aspect of a publication. They will plan and direct the work of other staff members in producing a publication. Independent research will include market studies of the client as well as researching current yearbook or newspaper trends. Option 2: Juniors and seniors who have demonstrated high achievement in journalism or video technology will work to produce the morning school news and other educational programming for the school and district. This will entail compiling and organizing information using available technology and databases and enhance broadcast journalism skills.

Course ID: 5975; IND JOUR; 03231000 -- 5976; INDJOUR2; 03231011

Resources: See Instructor

Campus Offered: BP BW

INDEPENDENT STUDY IN JOURNALISM III

Credit: 1

Prerequisites: 1 credit in Journalism or Photojournalism. Teacher approval.

Option 1: Students whose previous high achievement in producing a publication or who are filling a leadership position for a publication will apply and enhance their written and visual communication skills. This may entail editing other's copy for clarity and conventions, managing photography equipment and photography production, creating and managing the graphic design of a publication or managing the business and marketing aspect of a publication. They will plan and direct the work of other staff members in producing a publication. Independent research will include market studies of the client as well as researching current yearbook or newspaper trends. Option 2: Juniors and seniors who have demonstrated high achievement in journalism or video technology will work to produce the morning school news and other educational programming for the school and district. This will entail compiling and organizing information using available technology and databases and enhance broadcast journalism skills. This course can count as a fourth English if the student has met standards on both the English I and English II EOC's.

Course ID: 5977; INDJOUR3; 03231022

Resources: See Instructor

Campus Offered: BP BW

Speech

Speech

PROFESSIONAL COMMUNICATIONS

Credit: .5

Prerequisites: Grades 10-12.

Professional Communications blends written, oral, and graphic communication in a career-based environment. Careers in the global economy require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication. Within this context, students will be expected to develop and expand the ability to write, read, edit speak, listen, apply software applications, manipulate computer graphics, and conduct Internet research.

Course ID: 5705; PROFCOMM: 13009900

Resources: Communication Application; McGraw Hill

Campus Offered: BP BW

DEBATE I

Credit: 1

Prerequisites: Professional Communications.

This course is designed to instruct students in analyzing a problem, conducting thorough and adequate research, and utilizing the best principles of argumentation and evidence, to present the most effective case for or against a given proposition. Creative self-expression and reflection should be outgrowths of this course. Upon completion of this course, students should be accomplished speakers, readers, and debaters and should have confidence in their ability to face any type of audience on any given speaking situation.

Course ID: 5710; DEBATE 1; 03240600

Resources: Basic Debate; MacGraw Hill

Campus Offered: BP BW

DEBATE II

Credit: 1

Prerequisites: Debate I.

This course is designed to instruct students in analyzing a problem, conducting thorough and adequate research, and utilizing the best principles of argumentation and evidence, to present the most effective case for or against a given proposition. Creative self-expression and reflection should be outgrowths of this course. Upon completion of this course, students should be accomplished speakers, readers, and debaters and should have confidence in their ability to face any type of audience on any given speaking situation. Students will participate in at least 1 competitive event.

Course ID: 5720; DEBATE 2; 03240700

Resources: See Instructor

Campus Offered: BP BW

DEBATE III

Credit: 1

Prerequisites: Debate II.

This course is designed to instruct students in analyzing a problem, conducting thorough and adequate research, and utilizing the best principles of argumentation and evidence, to present the most effective case for or against a given proposition. Creative self-expression and reflection should be outgrowths of this course. Upon completion of this course, students should be accomplished speakers, readers, and debaters and should have confidence in their ability to face any type of audience on any given speaking situation. Students will participate in multiple competitive events. This course can count as a fourth English if the student has met standards on both the English I and English II EOC's.

Course ID: 5730; DEBATE 3; 03240800

Resources: See Instructor

Campus Offered: BP BW

Mathematics

Mathematics

ALGEBRA I

Credit: 1

Prerequisites: Mathematics, Grade 8 or its equivalent.

In Algebra I, students will build on the knowledge and skills for mathematics in Grades 6-8 which provide a foundation in linear relationships, number and operations, and proportionality. Students will study linear, quadratic, and exponential functions and their related transformations, equations, and associated solutions. Students will connect functions and their associated solutions in both mathematical and real-world situations. Students will use technology to collect and explore data and analyze statistical relationships. In addition, students will study polynomials of degree one and two, radical expressions, sequences, and laws of exponents. Students will generate and solve linear systems with two equations and two variables and will create new functions through transformations.

Course ID: 1020; ALG 1; 03100507

Resources: Glencoe Algebra I; McGraw Hill

Campus Offered: BP BW

ALGEBRA I HONORS

Credit: 1

Prerequisites: Mathematics, Grade 8 or its equivalent. Meets or Masters Level on Grade 8 STAAR or equivalent.

In Algebra I, students will build on the knowledge and skills for mathematics in Grades 6-8 which provide a foundation in linear

relationships, number and operations, and proportionality. Students will study linear, quadratic, and exponential functions and theirrelated transformations, equations, and associated solutions. Students will connect functions and their associated solutions in bothmathematical and real-world situations. Students will use technology to collect and explore data and analyze statistical relationships. Inaddition, students will study polynomials of degree one and two, radical expressions, sequences, and laws of exponents. Students will generate and solve linear systems with two equations and two variables and will create new functions through transformations. SAT and ACT assessment objectives will be reviewed. This course includes independent reading, writing and research components that will exceed those presented in an on-level course and weighted grade will be applied to the semester average.

Course ID: 1027; ALG 1;03100507

Resources: Glencoe Algebra I; McGraw Hill

Campus Offered: BP BW

GEOMETRY

Credit: 1

Prerequisites: Algebra I.

In Geometry, students will build on the knowledge and skills for mathematics in Kindergarten-Grade 8 and Algebra I to strengthen their mathematical reasoning skills in geometric contexts. Within the course, students will begin to focus on more precise terminology, symbolic representations, and the development of proofs. Students will explore concepts covering coordinate and transformational geometry; logical argument and constructions; proof and congruence; similarity, proof, and trigonometry; two- and three-dimensional figures; circles; and probability. Students will connect previous knowledge from Algebra I to Geometry through the coordinate and transformational geometry strand. In the logical arguments and constructions strand, students are expected to create formal constructions using a straight edge and compass. Though this course is primarily Euclidean geometry, students should complete the course with an understanding that non-Euclidean geometries exist. In proof and congruence, students will use deductive reasoning to justify, prove and apply theorems about geometric figures.

Course ID: 1310; GEOM; 03100700

Resources: Glencoe Geometry; McGraw Hill

Campus Offered: BP BW

Mathematics

GEOMETRY HONORS

Credit: 1

Prerequisites: Algebra I. Grade 9 or Committee Approval.

In Geometry, students will build on the knowledge and skills for mathematics in Kindergarten-Grade 8 and Algebra I to strengthen their mathematical reasoning skills in geometric contexts. Within the course, students will begin to focus on more precise terminology, symbolic representations, and the development of proofs. Students will explore concepts covering coordinate and transformational geometry; logical argument and constructions; proof and congruence; similarity, proof, and trigonometry; two- and three-dimensional figures; circles; and probability. Students will connect previous knowledge from Algebra I to Geometry through the coordinate and transformational geometry strand. In the logical arguments and constructions strand, students are expected to create formal constructions using a straight edge and compass. Though this course is primarily Euclidean geometry, students should complete the course with an understanding that non-Euclidean geometries exist. In proof and congruence, students will use deductive reasoning to justify, prove and apply theorems about geometric figures. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

Course ID: 1317; GEOM; 03100700

Resources: Glencoe Geometry; McGraw Hill

Campus Offered: BP BW

ALGEBRAIC REASONING

Credit: 1

Prerequisites: Algebra I.

Students will build on the knowledge and skills for mathematics in kindergarten through grade 8 and Algebra I; continue with the development of mathematical reasoning related to algebraic understandings and processes, and deepen a foundation for studies in subsequent math courses. This course may count as a third or fourth math credit under the Foundation Graduation Plan (HB5).

Course ID: 1030; ALGREA; 03102540

Resources: Algebraic Reasoning; Cosenza & Associates

Campus Offered: BP BW

MATHEMATICAL MODELS WITH APPLICATIONS

Credit: 1

Prerequisites: Algebra I.

Mathematical Models with Applications is designed to build on the knowledge and skills for mathematics in Kindergarten-Grade 8 and Algebra I. This mathematics course provides a path for students to succeed in subsequent math courses and prepares them for various post-secondary choices. Students learn to apply mathematics through experiences in personal finance, science, engineering, fine arts, and social sciences. Students use algebraic, graphical, and geometric reasoning to recognize patterns and structure, model information, solve problems, and communicate solutions. Students will select from tools such as physical objects; manipulatives; technology, including graphing calculators, data collection devices, and computers; paper/pencil; and from methods such as algebraic techniques, geometric reasoning, patterns, and mental math to solve problems. This course may count as a third year math credit under the Foundation Graduation Plan (HB5).

Course ID: 1710; MTHMOD; 03102400

Resources: Mathematical Models with Applications; Cengage

Campus Offered: BP BW

ALGEBRA II

Credit: 1

Prerequisites: Algebra I. Recommended after Geometry.

In Algebra II, students will build on the knowledge and skills for mathematics in Kindergarten-Grade 8 and Algebra I. Students will broaden their knowledge of quadratic functions, exponential functions, and systems of equations. Students will study logarithmic, square root, cubic, cube root, absolute value, rational functions, and their related equations. Students will connect functions to their inverses and associated equations and solutions in both mathematical and real-world situations. In addition, students will extend their knowledge of data analysis and numeric and algebraic methods. This course may count as a third or fourth math credit under the Foundation Graduation Plan (HB5).

Course ID: 1120; ALG 2; 03100600

Resources: Glencoe Algebra II; McGraw Hill

Campus Offered: BP BW

Mathematics

ALGEBRA II HONORS

Credit: 1

Prerequisites: Algebra I. Recommended after Geometry.

In Algebra II, students will build on the knowledge and skills for mathematics in Kindergarten-Grade 8 and Algebra I. Students will broaden their knowledge of quadratic functions, exponential functions, and systems of equations. Students will study logarithmic, square root, cubic, cube root, absolute value, rational functions, and their related equations. Students will connect functions to their inverses and associated equations and solutions in both mathematical and real-world situations. In addition, students will extend their knowledge of data analysis and numeric and algebraic methods. This course is an accelerated course that requires students to think at a higher level. SAT and ACT assessment objectives will be reviewed. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average. This course may count as a third or fourth math credit under the Foundation Graduation Plan (HB5).

Course ID: 1127; ALG 2; 03100600

Resources: Glencoe Algebra II; McGraw Hill

Campus Offered: BP BW

PRE CALCULUS

Credit: 1

Prerequisites: Algebra I, Geometry, and Algebra II.

Precalculus is the preparation for calculus. The course approaches topics from a function point of view, where appropriate, and is designed to strengthen and enhance conceptual understanding and mathematical reasoning used when modeling and solving mathematical and real-world problems. Students systematically work with functions and their multiple representations. The study of Precalculus deepens students' mathematical understanding and fluency with algebra and trigonometry and extends their ability to make connections and apply concepts and procedures at higher levels. Students investigate and explore mathematical ideas, develop multiple strategies for analyzing complex situations, and use technology to build understanding, make connections between representations, and provide support in solving problems.

Course ID: 1610; PRE CALC; 03101100

Resources: Precalculus; Pearson

Campus Offered: BP BW

PRE CALCULUS HONORS

Credit: 1

Prerequisites: Algebra I, Geometry, and Algebra II.

Precalculus Honors is the preparation for calculus. The course approaches topics from a function point of view, where appropriate, and is designed to strengthen and enhance conceptual understanding and mathematical reasoning used when modeling and solving mathematical and real-world problems. Students systematically work with functions and their multiple representations. The study of Precalculus deepens students' mathematical understanding and fluency with algebra and trigonometry and extends their ability to make connections and apply concepts and procedures at higher levels. Students investigate and explore mathematical ideas, develop multiple strategies for analyzing complex situations, and use technology to build understanding, make connections between representations, and provide support in solving problems. Graphing calculators (TI-83, TI-84 or comparable models) are recommended and used throughout the year. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

Course ID: 1617; PRE CALC; 03101100

Resources: Precalculus; Pearson

Campus Offered: BP BW

MATH COLLEGE PREP

Credit: 1

Prerequisites: Algebra I, Geometry, and Algebra II. Grade 12.

Topics include real numbers, basic geometry, polynomials, factoring, linear equations, inequalities, quadratic equations, rational expressions, factoring techniques, radicals, algebraic fractions, complex numbers, graphing linear equations and inequalities, quadratic equations, systems of equations, graphing quadratic equations and an introduction to functions. Emphasis is placed on algebraic techniques, in order to successfully complete an entry-level college mathematics course. Calculator use is allowed in this course when indicated, including the departmental semester examination. In particular, this course is intended to prepare students for the study of entry-level college mathematics. This course may count as a fourth year math credit under the Foundation Graduation Plan (HB5).

Course ID: 1524; CPMAT; CP111200

Resources: College Prep Math

Campus Offered: BP BW

Mathematics

STATISTICS

Credit: 1

Prerequisites: Algebra I.

Students will broaden their knowledge of variability and statistical processes. Students will study sampling and experimentation, categorical and quantitative data, probability and random variables, inference, and bivariate data. Students will connect data and statistical processes to real-world situations. In addition, students will extend their knowledge of data analysis.
Note: This course is not considered a lower level of AP STATISTICS.
Note: Students may take either high school statistics or dual credit statistics; however, both cannot be taken.

Course ID: 1500; STATS; 03102530

Resources: Elementary Statistics: Picturing the World

Campus Offered: BP BW

CALCULUS AB ADVANCED PLACEMENT

Credit: 1

Prerequisites: Pre Calculus.

Students enrolled in this course are expected to take the College Board AP examination. This course follows a national curriculum established by the College Board. The first semester includes limits, continuity, and derivatives with applications. The second semester includes the study of infinite series and integration with applications. Individual colleges and universities determine credit on AP exam scores. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

Course ID: 1608; APCALCAB; A3100101

Resources: Calculus AP; Pearson

Campus Offered: BP BW

CALCULUS BC ADVANCED PLACEMENT

Credit: 1

Prerequisites: Pre Calculus.

This course may be taken in addition to Calculus AB or instead of Calculus AB. It gives an accelerated treatment of topics of Calculus AB with the addition of the following topics: parametric, vector and polar functions, sequences and series, power series, Taylor and McLauren Series. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

Course ID: 1618; APCALCBC; A3100102

Resources: Calculus AP; Pearson

Campus Offered: BP BW

STATISTICS ADVANCED PLACEMENT

Credit: 1

Prerequisites: Recommended Algebra II and Geometry.

Students enrolled in this course are expected to take the College Board AP examination. Students will be introduced to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will observe patterns in data and departures from patterns. Students will plan studies, deciding what and how to measure. Probability will be studied and models produced using probability theory and simulation. These models will be confirmed with statistical inference. Individual colleges and universities determine credit on AP exam scores. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

Course ID: 1508; APSTATS; A3100200

Resources: Preparing for AP Statistics Exam; Cengage

Campus Offered: BP BW

Mathematics/CTE (Business)

FINANCIAL MATHEMATICS

Credit: 1

Prerequisites: Algebra 1. Grades 11-12.

This is a course about personal money management. Students will apply critical-thinking skills to analyze personal financial decisions based on current and projected economic factors. Financial Mathematics can be used as third math credit under the Foundation Graduation Plan (HB 5). Organization: Business Professionals of America.

Course ID: 8171; FINMATH; 13018000

Resources: Real Life Financial Mathematics; Decker & Associates

Campus Offered: BP BW

Mathematics/CTE (Health Science)

MATHEMATICS FOR MEDICAL PROFESSIONS

Credit: 1

Prerequisites: Algebra 1 and Geometry. Grades 11-12.

Mathematics for Medical Professionals is an instructional program that prepares students with skills to compute mathematical equations related to healthcare. The course integrates medical-physiological concepts and mathematics. Students will engage in math activities including problem-solving, reasoning and proof, communication, connections and representations. Mathematics for Medical Professions can be used as a third or fourth year advanced math course under the Foundation Graduation Plan (HB 5). Organization: Health Occupations Students of America.

Course ID: 8203; MTHMEDPR; 13020970

Resources: Math for Health Care Professionals; Cengage Learning

Campus Offered: BP BW

Mathematics/CTE (STEM)

ROBOTICS II

Credit: 1

Prerequisites: Robotics I. Grades 11-12.

Students in Robotics II, building on the basic skills from Robotics I, will form a team to compete against other teams at FIRST Robotics competitions. They will use the engineering design process to design, build, and program a robot while documenting the process. Topics include electronics, basic fabrication, programming methods, project management, business, financial management, teamwork and leadership. Students will be required to attend a weekly after school practice, community outreach events, and competitions throughout the year. obotics II can be used as third year advanced math credit under the Foundation Graduation Plan (HB 5). Course fee $20

Course ID: 8401; ROBOTIC2; 13037050

Resources: See Instructor

Campus Offered: BP BW

Mathematics/ Technology Applications

DISCRETE MATHEMATICS FOR COMPUTER SCIENCE

Credit: 1

Prerequisites: Algebra II or Algebra II concurrent. Grades 11-12.

Discrete Mathematics for Computer Science provides the tools used in most areas of computer science. Students will develop the ability to see computational problems from a mathematical perspective and will be introduced to discrete data structures such as sets, discrete functions and relations, and graphs and trees. The Texas State Board of Education requires high schools to offer at least four technology applications. Discrete Mathematics for Computer Science provides a logical sequence for those students seeking a STEM endorsement in Computer Science. Discrete Mathematics for Computer Science can be used as a third or fourth year advanced math credit under the Foundation Graduation Plan (HB 5).

Course ID: 6255; TADISMA; 03580370

Resources: See Instructor

Campus Offered: BP BW

Science

BIOLOGY

Credit: 1

Prerequisites: None.

This course provides students with an understanding of the relationships of different forms of life as they function in their environment. The course includes a study of the nature of science and scientific investigations, molecular and cellular biology and patterns of heredity. A survey of organisms from the unicellular to the multi-cellular level and their interactions within ecosystems is also included.

Course ID: 2010; BIO; 03010200; BWHS-NGC 2019; BIO; 03010200

Resources: TX High School Science Biology; Holt McDougal

Campus Offered: BP BW

Science

BIOLOGY HONORS

Credit: 1

Prerequisites: None.

This course is designed to challenge the serious student of biology. Efforts will be made to go beyond the basic biological concepts to enrich the course and to enhance student interest. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

Course ID: 2017; BIO; 03010200

Resources: TX High School Science Biology; Holt McDougal

Campus Offered: BP BW

BIOLOGY ADVANCED PLACEMENT

Credit: 1

Prerequisites: Biology and Chemistry.

Students enrolled in this course are expected to take the College Board AP examination. Advanced biological experimentation will be included as a major part of the course. A college level textbook will be used. Additional time/class period is required for a lab component with this course. Individual colleges and universities determine advanced standing based on AP exam scores. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

Course ID: 2018; AP-BIO; A3010200

Resources: Principles of Life; Bedford, Freeman and Worth

Campus Offered: BP BW

INTEGRATED PHYSICS AND CHEMISTRY (IPC)

Credit: 1

Prerequisites: None.

This course integrates the disciplines of physics and chemistry in the following topics: motion, waves, energy transformations, properties of matter, changes in matter and solution chemistry. To study topics students will conduct field and laboratory investigations, use scientific methods and make informed decisions using critical thinking and problem solving.

Course ID: 2720; IPC; 03060201; BWHS-NGC 2729; IPC; 03060201

Resources: Integrated Physics and Chemistry; McGraw Hill

Campus Offered: BP BW

CHEMISTRY

Credit: 1

Prerequisites: Biology and Algebra I.

The structure and composition of matter and the changes it undergoes are studied. Laboratory experiments emphasize basic techniques such as making observations, taking measurements, recording data, and making calculations from the data. Laboratory experiments and teacher demonstrations are an integral part of this math-intensive problem solving course.

Course ID: 2310; CHEM; 03040000

Resources: TX High School Science Modern Chemistry; Holt McDougal

Campus Offered: BP BW

CHEMISTRY HONORS

Credit: 1

Prerequisites: Biology and Algebra I.

This course focuses on atomic and electronic structure, stoichiometry, gas laws, bonding and molecular structure, solution chemistry, acid-base theory, and qualitative analysis. The pace of this course requires self direction and a significant amount of work to be done at home to support the rigourous laboratory investigations and math intensive problem based learning in this lecture/demonstration course. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

Course ID: 2317; CHEM; 03040000

Resources: TX High School Science Modern Chemistry; Holt McDougal

Campus Offered: BP BW

Science

CHEMISTRY ADVANCED PLACEMENT

Credit: 1

Prerequisites: Biology and Chemistry. Algebra II or concurrent enrollment.

This course uses an advanced placement chemistry curriculum and college textbooks. Laboratory experiments and observations will be an integral part of the curriculum. Additional time/class period is required for a lab component with this course. Students in this course are expected to take the College Board AP examination. Individual colleges and universities determine credits earned on AP exam scores. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

Course ID: 2318; AP-CHEM; A3040000

Resources: Chemistry: A Molecular Approach; Tro

Campus Offered: BP BW

PHYSICS

Credit: 1

Prerequisites: Biology.

Students conduct field and laboratory investigations, use scientific/technology methods during investigations and scientific problem solving to study a variety of topics including: laws of motion; changes within physical systems and conservation of energy and momentum; force; thermodynamics, characteristics and behavior of waves; optics; electronics and quantum physics.

Course ID: 2510; PHYSICS; 03050000

Resources: TX High School Science Physics; Holt McDougal

Campus Offered: BP BW

PHYSICS I ADVANCED PLACEMENT

Credit: 1

Prerequisites: Biology and Geometry and/or concurrent enrollment in Algebra II.

This full year course is equivalent to a first semester college course in algebra based physics. This course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It will also introduce electric circuits. Additional time/class period is required for a lab component. Students are expected to take the College Board AP Examination for AP Physics 1. Individual colleges and universities determine credit on AP exam scores. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

Course ID: 2528; AP-PHYS1; A3050001

Resources: College Physics: A Stategic Approach; Knight

Campus Offered: BP BW

PHYSICS II ADVANCED PLACEMENT

Credit: 1

Prerequisites: Biology and Physics 1 Advanced Placement and must have completed or be currently enrolled in Pre-Calculus.

This course is an Algebra-based introductory college-level physics course that explores topics such as fluid statistics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

Course ID: 2529; APPHYS2; A3050004

Resources: College Physics: A Stategic Approach; Knight

Campus Offered: BP BW

Science

PHYSICS C: MECHANICS ADVANCED PLACEMENT

Credit: 1

Prerequisites: Completion of Physics 1 Advanced Placement and successful completion or concurrent enrollment in Calculus.

This course follows the College Board curriculum. This course provides the foundation for careers in physical science or engineering and uses Calculus. Additional time/class period is required for a lab component with this course. Students are expected to take the College Board AP examination. Individual colleges and universities determine credit based on AP exam scores. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

Course ID: 2518; AP-PHYSC; A3050006

Resources: Physics for Scientists and Engineers; Knight

Campus Offered: BP BW

AQUATIC SCIENCE

Credit: 1

Prerequisites: Biology. IPC or Chemistry.

Students conduct field and laboratory investigations while studying a variety of aquatic science topics that include: components of an aquatic ecosystem, differentiating among freshwater, brackish, and saltwater ecosystems, relationships among aquatic habitats and ecosystems; roles of cycles within an aquatic environment; adaptations of aquatic organisms; changes within aquatic environments; geological phenomena and fluid dynamics effects; and origin and use of water in a watershed.

Course ID: 2920; AQUA SCI; 03030000

Resources: Marine Science: The Dynamic Ocean: Pearson/Scott Foresman

Campus Offered: BP BW

ASTRONOMY

Credit: 1

Prerequisites: Biology. IPC or Chemistry.

Did Mars ever have running water? What is Pluto? Will asteroids hit the Earth? What is inside the Sun? How has our understanding of the universe changed through time? What makes a star shine? How do black holes form? An introduction to astronomy taught at the Brazosport Planetarium on College Blvd. in Clute.

Course ID: 2980; ASTRMY; 03060100

Resources: See Instructor

Campus Offered: BP BW

ENVIRONMENTAL SYSTEMS

Credit: 1

Prerequisites: Recommended for Grades 11-12.

Students study a variety of topics that include: abiotic and biotic factors in habitats; ecosystems and biomes, interrelationships among resources and an environmental system; sources and flow of energy through an environmental system; relationship between carrying capacity and changes in populations and ecosystems; and changes in environments. Students conduct field and laboratory investigations using scientific methods and present a project to offer solutions to environmental issues.

Course ID: 2870; ENVIRSYS; 03020000

Resources: Environmental Science Student Edition

Campus Offered: BP BW

ENVIRONMENTAL SCIENCE ADVANCED PLACEMENT

Credit: 1

Prerequisites: Biology and IPC, Chemistry, or Physics.

The goal of this course is to provide students with the understanding of the natural world interrelationships, identifying environmental problems evaluating the risks associated with these problems, and examine alternative solutions. Additional time/class period is required for a lab component with this course. Students are expected to take the College Board AP examination. Individual colleges and universities determine credit on AP exam scores. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

Course ID: 2868; AP-ENVIR; A3020000

Resources: Environment: The Science Behind the Stories

Campus Offered: BP BW

Science

FORENSIC SCIENCE

Credit: 1

Prerequisites: Biology and Chemistry. Grades 11-12.

Forensic Science is a course that applies the technological practices of justice, with biological, chemical and physical science principles, to the study of criminal and civil issues. Major themes of study are pathology, anthropology, odontology, ballistics, trace evidence, biological fluids, DNA, and fingerprint evidence. Students will have the opportunity to collect and analyze such evidence through case studies and mock crime scenes. Lab activities will be based on crime scene scenerios. Students will also learn about the history and legal aspects of forensic science and career options available in the forensic field. Forensic Science can be used as a third or fourth year advanced science credit under the Foundation Graduation Plan (HB 5).

Course ID: 8290; FORENSCI; 13029500

Resources: Forensic Science; Kendall Hunt

Campus Offered: BP BW

Science/ CTE (Agriculture)

ADVANCED ANIMAL SCIENCE

Credit: 1

Prerequisites: Biology. Chemistry or IPC; Algebra I and Geometry; and either Small Animal Management, Equine Science, or Livestock Production.

This course is designed to examine the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to expand one's knowledge of the scientific and technological dimensions of resources necessary for animal production. Students are encouraged to participate in the national student organization - Future Farmers of America (FFA).

Course ID: 8017; ADVANSC1; 13000700

Resources: Animal Science Biology and Technology - High School

Campus Offered: BP BW

Science/ CTE (Health Science)

ANATOMY & PHYSIOLOGY

Credit: 1

Prerequisites: Biology and Chemistry. Grades 11-12.

This course introduces a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis. Students conduct laboratory investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem-solving. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average. This course is part of the Health Science CTE Pathway. Anatomy & Physiology can be used as a third or fourth year advanced science course under the Foundation Graduation Plan (HB 5). Organization: Health Occupations Students Association.

Course ID: 2960; ANATPHYS; 13020600

Resources: Texas Hole's Human Anatomy & Physiology; McGraw Hill

Campus Offered: BP BW

MEDICAL MICROBIOLOGY

Credit: 1

Prerequisites: Biology and Chemistry Recommended: Principles of Health Science and/or Medical Terminology.

The Medical Microbiology course is designed to explore the microbial world, studying topics such as pathogenic and non-pathogenic microorganisms, laboratory procedures, identifying microorganisms, drug resistant organisms, and emerging diseases. Science, as defined by the National Academy of Sciences, is the "use of evidence to construct testable explanations and predictions of natural phenomena, as well as the knowledge generated through this process." This vast body of changing and increasing knowledge is described by physical, mathematical, and conceptual models. Students should know that some questions are outside the realm of science because they deal with phenomena that are not scientifically testable. Medical Microbiology can be used as a third or fourth year advanced science course under the Foundation Graduation Plan (HB 5). Organization: Health Occupations Students of America.

Course ID: 8213; MICRO; 13020700

Resources: Microbology with Diseases; Pearson

Campus Offered: BP BW

Science/ CTE (Health Science)

PATHOPHYSIOLOGY

Credit: 1

Prerequisites: Biology and Chemistry Recommended: Principles of Health Science and/or Medical Terminology.

The Pathophysiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Pathophysiology will study disease processes and how humans are affected. Emphasis is placed on prevention and treatment of disease. Students will differentiate between normal and abnormal physiology. Pathophysiology can be used as a third or fourth year advanced science course under the Foundation Graduation Plan (HB 5). Organization: Health Occupations Students of America.

Course ID: 8214; PATHO; 13020800

Resources: Human Diseases; Cengage Learning

Campus Offered: BP BW

Science/ CTE (Hospitality & Tourism)

FOOD SCIENCE

Credit: 1

Prerequisites: Biology and Chemistry. Grades 11-12.

In Food Science, 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. Food Science can be used as third or fourth year advanced science credit under the Foundation Graduation Plan (HB 5). Course Fee: $20. Organization: Skills USA.

Course ID: 8224; FOODSCI; 13023000

Resources: Principles of Food Science; Goodheart Wilcox

Campus Offered: BP BW

Science/ CTE (STEM)

ROCKETS 1 (Scientific Research & Design)

Credit: 1

Prerequisites: PLTW Introduction to Engineering Design, Concurrent Enrollment in Algebra I

Students experience how modern engineers design and build new technologies using math and science, together with ingenuity by designing and building rockets. They are exposed to new and relevant applications of mathematics, science and computer design technology important to aerospace and mechanical engineering problems. Second semester is dedicated to using a Design and Development process, in a working environment meant to simulate an industrial setting, to create a rocket to take a 1 pound payload to an altitude of 1 mile and safely recover the vehicle. This course can be used as third or fourth year advanced science credit under the Foundation Graduation Plan (HB 5). Note: Scientific Research and Design make be taken up to 3 times with different content for state credit. BISD provides dual credit options for this.

Course ID: 2950; SCIRD; 13037200

Resources: See Instructor

Campus Offered: BP BW

ROCKETS 2 (Engineering Design & Problem Solving)

Credit: 1

Prerequisites: Rockets 1, Algebra 1, concurrent enrollment in Physics

In this second year of rocket engineering, students have a mission to design and build a rocket that will surpass Mach 1 with an apogee of under 13,000 feet. Students begin the semester by creating a mathematical flight profile and presenting this model at the Johnson Space Center. In the second semester, students will host multiple reviews with local engineers and rocket enthusiasts to aid in the finalization of their design. To achieve this mission, students must explore new technologies and manufacturing techniques such as aerospace composite materials, CNC machining, and additive manufacturing. This course can be used as third or fourth year advanced science credit under the Foundation Graduation Plan (HB 5).

Course ID: 8395; ENGDPRS; 13037300

Resources: See Instructor

Campus Offered: BP BW

Social Studies

Social Studies

WORLD GEOGRAPHY STUDIES

Credit: 1

Prerequisites: None.

This course is designed to study the interaction of people and their physical environments in the major areas of the world. Content introduces the student to the five modern geographic themes and the unique vocabulary, tools, and methodologies of geographers. Students will study the physical, cultural, political, and economic activities of major world regions.

Course ID: 3120; W GEO; 03320100

Resources: World Geography; McGraw Hill

Campus Offered: BP BW

WORLD GEOGRAPHY STUDIES HONORS

Credit: 1

Prerequisites: None.

This course is designed to study the interaction of people and their physical environments in the major areas of the world. Content introduces the student to the five modern geographic themes and the unique vocabulary, tools, and methodologies of geographers. Students will study the physical, cultural, political, and economic activities of major world regions. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

Course ID: 3126; W GEO; 03320100

Resources: World Geography; McGraw Hill

Campus Offered: BP BW

HUMAN GEOGRAPHY ADVANCED PLACEMENT

Credit: 1

Prerequisites: None.

The purpose of the AP course in Human Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to analyze human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

Course ID: 3810; APHUMGEO; A3360100

Resources: Human Geography; Malinowski and Kaplan

Campus Offered: BP BW

UNITED STATES HISTORY SINCE RECONSTRUCTION

Credit: 1

Prerequisites: World Geography, AP Human Geography, or World History.

This course is a full year study of our nation's history, geography, and political and economic growth that will complete the study begun in grade 8. The content of this course covers significant people, issues, and events after the period of Reconstruction. It emphasizes present day issues that have their roots in the past.

Course ID: 3420; US HIST; 03340100

Resources: United States History since 1877; McGraw Hill

Campus Offered: BP BW

UNITED STATES HISTORY ADVANCED PLACEMENT

Credit: 1

Prerequisites: World Geography, AP Human Geography, or World History.

Students enrolled in this two-semester course are expected to take the College Board AP examination. This college level course is a survey of American history from the age of exploration and discovery to the present. Emphasis is placed on critical and evaluative thinking skills, essay writing, interpretation of original documents, and historiography. Individual colleges and universities determine advanced standing based on AP exam scores. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

Course ID: 3428; APUSHIST; A3340100

Resources: American Pageant; Cengage

Campus Offered: BP BW

Social Studies

ECONOMICS WITH EMPHASIS ON THE FREE ENTERPRISE SYSTEM & ITS BENEFITS

Credit: .5

Prerequisites: U.S. History.

The focus of this course is on the basic principles concerning production, consumption, and distribution of goods and services (the problem of scarcity) in the United States and a comparison with those in other countries around the world while emphasizing the Free Enterprise System and its benefits. The concepts of personal financial literacy are also taught so that students may become self-supporting adults who can make informed decisions relating to personal financial matters.

Course ID: 3600; ECO-FE; 03310300

Resources: Economics; McGraw Hill

Campus Offered: BP BW

MICROECONOMICS ADVANCED PLACEMENT

Credit: .5

Prerequisites: U.S. History.

AP Microeconomics gives students a thorough understanding of the principals of economics that apply to the functions of individual decisions makers, both consumers and producers, within the economic system. This course presents a more advanced curriculum and a weighted grade will be applied to the semester average. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average. It is recommended that students pair this course with Macroeconomics in the second semester to best prepare for the AP Exam.

Course ID: 3813; APMICECO; A3310100

Resources: Krugman's Economics; Bedford, Freeman, and Worth

Campus Offered: BP BW

MACROECOMONICS ADVANCED PLACEMENT

Credit: .5

Prerequisites: U.S. History.

AP Macroeconomics is a college-level course that focuses on an economic system as a whole, placing particular emphasis on national income, price-level determination, performance measures, the financial sector, stabilization policies, economic growth and international economics. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average. It is recommended that students pair this course with Microeconomics from the first semester to best prepare for the AP Exam.

Course ID: 3608; APMACECO; A3310200

Resources: Krugman's Economics; Bedford, Freeman, and Worth

Campus Offered: BP BW

UNITED STATES GOVERNMENT

Credit: .5

Prerequisites: U.S. History.

This semester course includes a study of the Texas and U.S. Constitutions. It provides students with an opportunity to explore political theories, leadership, decision making, political institutions, nature of laws, and the rights and responsibilities of American citizenship. Interpretation of current events is emphasized. Students are taught to process information using higher level thinking skills. Students will be encouraged to put their talents to work solving real world problems.

Course ID: 3500; GOVT; 03330100

Resources: United States Government; McGraw Hill

Campus Offered: BP BW

UNITED STATES GOVERNMENT AND POLITICS ADVANCED PLACEMENT

Credit: .5

Prerequisites: U.S. History.

Students enrolled in this semester course are expected to take the College Board AP examination. Government and Politics includes the Constitutional underpinnings of democracy, political beliefs and behaviors of individuals, political parties and interest groups, Congress, the presidency, bureaucracy, federal courts, policy process, and civil rights and civil liberties. Individual colleges and universities determine advanced standing based on AP exam scores. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average. It is recommended that students pair this course with Comparative Government in the second semester to best prepare for the AP Exam.

Course ID: 3508; APUSGOVT; A3330100

Resources: Government in America; Edwards

Campus Offered: BP BW

Social Studies

WORLD HISTORY STUDIES

Credit: 1

Prerequisites: None.

This course includes studies of the history and development of world cultures, past and present. The student will compare and analyze various ways of life and cultural patterns, contrast the diversity and commonality of human experiences and learn how these patterns occurred over time. The course will also focus on the relationship between geography, history, and contemporary world development.

Course ID: 3020; W HIST; 03340400

Resources: World History; McGraw Hill

Campus Offered: BP BW

WORLD HISTORY: MODERN ADVANCED PLACEMENT

Credit: 1

Prerequisites: None.

Students cultivate their understanding of world history from c 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

Course ID: 3028; APWHIST; A3370100

Resources: See Instructor

Campus Offered: BP BW

COMPARATIVE GOVERNMENT ADVANCED PLACEMENT

Credit: .5

Prerequisites: U.S. History.

AP Comparative Government is an elective course that introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings. This course does not satisfy the graduation requirement for Government. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average. It is recommended that students pair this course with United States Government and Politics Advanced Placement from the first semester to best prepare for the AP Exam.

Course ID: 3812; APCPGOVT; A3330200

Resources: See Instructor

Campus Offered: BP BW

EUROPEAN HISTORY ADVANCED PLACEMENT

Credit: 1

Prerequisites: U.S. History.

AP European History is an elective course that focuses on developing students' understanding of European history from approximately 1450 to the present. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

Course ID: 3811; APEUHIST; A3340200

Resources: See Instructor

Campus Offered: BP BW

PERSONAL FINANCIAL LITERACY

Credit: .5

Prerequisites: None.

Personal Financial Literacy will develop citizens who have the knowledge and skills to make sound, informed financial decisions that will allow them to lead financially secure lifestyles and understand personal financial responsibility. This elective course does not satisfy the state Economics credit requirement for graduation.

Course ID: 3815; PFL; 03380082

Resources: Foundations in Personal Finance

Campus Offered: BP BW

Social Studies

PSYCHOLOGY

Credit: .5

Prerequisites: Recommended for Grades 11-12.

Students will study individuals, their mental growth and development, their motivations and emotions, and some psychological disorders. Class will include case studies and demonstrations. Many activities will be done in small cooperative groups.

Course ID: 3700; PSYCH; 03350100

Resources: Understanding Psychology; McGraw Hill

Campus Offered: BP BW

PSYCHOLOGY ADVANCED PLACEMENT

Credit: .5

Prerequisites: Recommended for Grades 11-12.

This course introduces students to the systematic and scientific study of human behavior and mental processes by exploring key psychologists, theories, concepts, and phenomena. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average.

Course ID: 3708; APPSYCH; A3350100

Resources: Psychology; Ciccarelli

Campus Offered: BP BW

SOCIOLOGY

Credit: .5

Prerequisites: Recommended for Grades 11-12.

In this course students will have an opportunity to study individuals, groups, and their basic institutions. Students will learn how sociologists work and how their knowledge, methods, and theories are applied to study human actions and relationships.

Course ID: 3630; SOC; 03370100

Resources: Sociology and You; McGraw Hill

Campus Offered: BP BW

Fine Arts—Art

ART I

Credit: 1

Prerequisites: None.

Art I is a full year fundamentals course for any student who has not had art at the high school level. It covers basic theory with emphasis on the elements and principles of art. Art appreciation, criticism, and aesthetics are included, but the emphasis is on art production. Beginning drawing, painting, printmaking, collage, and sculpture techniques are introduced using a variety of media. Students are expected to provide some of their own supplies or a fee may be collected to purchase supplies. ARTS 1301.

Course ID: 5010; ART 1; 03500100

Resources: See Instructor

Campus Offered: BP BW

DRAWING II, III, IV

Credit: 1 for each level

Prerequisites: Art I.

Building on the foundation of Art I, students will create original works using a wide variety of media including pencil, charcoal, pastels, ink and brush. In addition to a performance evaluation, students will investigate historical periods and styles. Students are expected to provide some of their own supplies or a fee may be collected to purchase supplies.

Course ID: 5022; ART2DRAW; 03500500 - 5023;ART3DRAW; 03501300 - 5024; ART4DRAW; 03502300

Resources: See Instructor

Campus Offered: BP BW

PAINTING II, III, IV

Credit: 1 for each level

Prerequisites: Art I.

Building on the foundation of Art I, students will plan and create their own paintings with various techniques and media. In addition to a performance evaluation, students will investigate historical periods and styles. Students are expected to provide some of their own supplies or a fee may be collected to purchase supplies.

Course ID: 5032; ART2PATG; 03500600 -- 5033; ART3PATG; 03501400 -- 5034; ART4PATG; 03502400

Resources: See Instructor

Campus Offered: BP BW

SCULPTURE II, III, IV

Credit: 1 for each level

Prerequisites: Art I.

Building on the foundation of Art I, students will plan and create their own sculptures with various techniques and media. In addition to a performance evaluation, students will investigate historical periods and styles. Students are expected to provide some of their own supplies or a fee may be collected to purchase supplies.

Course ID: 5042; ART2SCLP; 03501000 -- 5043; ART3SCLP; 03501900 -- 5044; ART4SCLP; 03502800

Resources: See Instructor

Campus Offered: BP BW

STUDIO ART ADVANCED PLACEMENT: 2D PORTFOLIO

Credit: 1

Prerequisites: Painting I or Drawing I

This portfolio is intended to address a broad interpretation of two-dimensional (2D) design issues. This could include, but is not limited to, graphic design, typography, digital imaging, photography, collage, fabric design, illustration, painting, printmaking, etc. This is a fast paced course for students with a strong interest in art. Students are enrolled upon nomination by a visual art specialist. They are required to submit a portfolio of 27 quality pieces of art to the College Board at the end of the year. This course presents a more advanced curriculum and a weighted grade will be applied to the semester average.

Course ID: 5088; AP2DDP; A3500400

Resources: See Instructor

Campus Offered: BP BW

STUDIO ART ADVANCED PLACEMENT: 3D PORTFOLIO

Credit: 1

Prerequisites: Scuplture I

This portfolio is intended to address a broad interpretation of sculptural issues in depth and space. A variety of approaches might include traditional sculpture, ceramics, fiber or metal work among others. This is a fast paced course for self-motivated students with a strong interest in sculpture. Students are enrolled upon nomination by a visual art specialist. They are expected to submit a portfolio to the College Board at the end of the year. This course presents a more advanced curriculum and a weighted grade will be applied to the semester average.

Course ID: 5098; AP3DDP; A3500500

Resources: See Instructor

Campus Offered: BP BW

STUDIO ART ADVANCED PLACEMENT: DRAWING PORTFOLIO

Credit: 1

Prerequisites: Painting I or Drawing I

The Drawing Portfolio is designed to address a very broad interpretation of drawing issues and media. Light and shade, line quality, rendering of form, composition, surface manipulation, and illusion of depth are drawing issues that can be addressed through a variety of means. Many works of painting, printmaking, and mixed media, as well as abstract, observational, and inventive works may qualify. This is a fast paced course designed for the serious art student. Enrollment is based upon nomination by visual art specialist. Students are expected to submit a completed portfolio of 27 quality works to the College Board at the end of the year. This course presents a more advanced curriculum and a weighted grade will be applied to the semester average.

Course ID: 5078; APSTARTD; A3500300

Resources: See Instructor

Campus Offered: BP BW

Fine Arts/CTE (Agriculture)

Fine Arts/CTE (Agriculture)

FLORAL DESIGN

Credit: 1

Prerequisites: Grades 9-12.

Principles and Elements of Floral Design prepares students with the skills and knowledge related to Horticulture, and the design principles and techniques in floral design. Students are given hands-on experiences using a variety of floral materials such as live plants and silk flowers. Students will identify and demonstrate the principles and techniques related to floral design to create arrangements, as well as learn planning techniques, for floral enterprises and major events. Course may be used to fulfill the required fine art credit for graduation. Fee: $50. Organization: FFA.

Course ID: 8040; FLORAL: 13001800

Resources: Principles & Elements of Floral Desgin Pathway; CEV Multimedia

Campus Offered: BP BW

Fine Arts—Dance

DANCE I-IV

Credit: 1 for each level

Prerequisites: None.

These courses will help the student develop kinesthetic awareness while dancing. The student will apply body science and fitness principles to dance and demonstrate an understanding of cultural, historical, and artistic diversity. Students will gain knowledge of a variety of dance styles and technical skills while participating in dance activities which encourage growth of creative self expression.

Course ID: 5XXX; DANCE 1; 03830100 -- 5XXX; DANCE 2; 03830200 -- 5XXX; DANCE 3; 03830300 -- 5XXX; DANCE 4; 03830400

Resources: See Instructor

Campus Offered: BP BW

DRILL TEAM PREP - DANCE 1

Credit: .5 - 1

Prerequisites: None.

This class is offered to those interested in trying out for the drill/dance team. It will offer an insight into drill team dance styles and techniques.

Course ID: 5009; DANCE1; 03830100

Resources: See Instructor

Campus Offered: BW

Fine Arts—Music

BAND I-IV

Credit: 1

Prerequisites:

The high school band is a musical organization for students of wind and percussion instruments. Four concert bands are offered for students interested in instrumental music: Symphonic Band, Concert Band, Concert Winds 1, & Concert Winds 2. Emphasis is placed on development of cultural growth, critical listening, basic music theory, study of instrumental music techniques, creative self-expression, sight reading, mental and physical discipline, citizenship through group endeavors, physical conditioning and leadership skills. During the Fall, the various concert bands follow the same curriculum in preparation for the marching band's season. The marching band is comprised of all members of the band, and performs at all varsity football games (home & away), U.I.L. Marching Contest and non-U.I.L. Marching Contests, and local parades. The marching band rehearses daily, after school, and are required to attend Summer Band rehearsals, beginning in late July. During concert season (spring), section rehearsals are scheduled after school one day a week to prepare for concerts and contests. Attendance at all rehearsals and performances is required. Band placement is determined through auditions held at various times during the school year.

Course ID: 51XX: MUS1BAND; 03150100; 51XX; MUS2BAND; 03150200; 51XX; MUS3BAND; 03150300; 51XX; MUS4BAND; 03150400; 51XX; MUS1INEN: 03151700; 51XX MUS2INEN; 03151800; 51XX; MUS3INEN; 03151900; 51XX; MUS14NEN; 03152000

Resources: See Instructor

Campus Offered: BP BW

Fine Arts—Music

CHOIR I-IV

Credit: 1 for each level

Prerequisites:

Students are placed according to their ability level in one of several choir classes. Public concerts, including a musical production and large master works, are prepared by these classes along with members of the band and orchestra. Selected students participate in competitive events sponsored by the University Interscholastic League and the Texas Music Educators Association.

Course ID: 5XXX; MUS1CHOR; 03150900 -- 5XXX; MUS2CHOR; 03151000 -- 5XXX; MUS3CHOR; 03151100 -- 5XXX; MUS4CHOR; 03151200

Resources: See Instructor

Campus Offered: BP BW

JAZZ BAND I-IV

Credit: 1 for each level

Prerequisites: Concurrent membership in Band is required for all wind and percussion instruments. While membership in the band is not required for rhythm instruments (piano, bass, guitar), priority is given to students who participate in a performing musical ensemble.

The jazz band provides an enrichment for band and orchestra students which is not possible in those classes because of instrumentation and their emphasis on marching and concert performances. The jazz band emphasizes "jazz" and "pop" performance styles in addition to guidance in improvisation. The jazz bands will perform various concerts, as well as community gigs and competitive events in the spring.

Course ID: 5XXX; MUS1JZBN; 03151300 -- 5XXX; MUS2JZBN; 03151400 -- 5XXX; MUS3JZBN; 03151500 -- 5XXX; MUS4JZBN; 03151600

Resources: See Instructor

Campus Offered: BP BW

ORCHESTRA I-IV

Credit: 1 for each level

Prerequisites: Intermediate school orchestra (or equivalent training).

As a class, and for a limited number of public performances, the high school orchestra functions as a string orchestra. Wind and percussion players from the band are added in after-school rehearsals to form a full orchestra. In addition, students are provided opportunities to join with the band and choir in the preparation and performance of large master works. Selected students participate in competitive events.

Course ID: 5XXX; MUS1ORCH; 03150500 -- 5XXX; MUS2ORCH; 03150600 -- 5XXX; MUS3ORCH; 03150700 -- 5XXX; MUS4ORCH; 03150800

Resources: See Instructor

Campus Offered: BP BW

Fine Arts—Theater Arts

TECHNICAL THEATER I, II, III

Credit: 1 for each level

Prerequisites: None.

These courses offer students an overview of theater crafts. Focusing on the development of the student as technician and artist, the course addresses design and production of sets, costumes, lighting, sound, and makeup.

Course ID: 5891; TH1TECH; 03250500; 5892; TH2TECH; 03250600

Resources: See Instructor

Campus Offered: BP BW

THEATER ARTS I

Credit: 1

Prerequisites: None.

These courses offer students a broad overview of the theater arts. Focusing on the development of the student as actor and artist, the course addresses mime, pantomime, improvisation, theater history, dramatic structure, playwriting, design and technical theater.

Course ID: 5810; TH1; 03250100

Resources: See Instructor

Campus Offered: BP BW

Fine Arts—Theater Arts

THEATER ARTS II, III, IV

Credit: 1 for each level

Prerequisites: Theater Arts I.

These courses use applied projects to develop student skills in acting, directing, design, writing and production. Based on the makeup of the class, the instructor selects activities that develop student skills along self-identified paths. Choices include play production, study of dramatic literature, survey of plays from selected points of history, and study programs for individuals working on special projects.

Course ID: 5820; TH2; 03250200 -- 5830; TH3; 03250300 -- 5840; TH4; 03250400

Resources: See Instructor

Campus Offered: BP BW

THEATER PRODUCTION I-IV

Credit: 1 for each level

Prerequisites: None.

These courses are contract hour courses that do not meet within the regular school day. They consists of practical work on several major productions. A minimum of seventy hours of work after school hours is required per semester for credit. When the course is taken at BISD, work must be done on in-district productions only.

Course ID: 5850; TH1PROD; 03250700 -- 5860; TH2PROD; 03250800 -- 5870; TH3PROD; 03250900 -- 5880; TH4PROD; 03251200

Resources: See Instructor

Campus Offered: BP BW

Health, Athletics, and Physical Education

ATHLETICS (PHYSICAL EDUCATION EQUIVALENT) I-IV

Credit: 1

Prerequisites: Approval from the coach.

These activities are restricted to those students accepted into specific sports. Students interested in a particular sport should contact the coaching staff for enrollment information. Students receive the equivalent credit for being in a sport as they would receive for being in physical education. Athletic opportunities are offered in the following sports: baseball, basketball, cheerleading, cross country, diving, drill team, football, golf, pep squad, power lifting, soccer, softball, swimming, tennis, track & field, trainer, volleyball, water polo, and wrestling. Not all of these are available during an athletic period or for credit - some are before or after school, only. Not all of these sports are available at both high schools.

Course ID: 7XXX; SUBATH1; PES00001;7XXX; SUBATH2; PES000002: 7XXX; SUBATH3; PES000003; 7XXX; SUBATH4; PES000004

Resources: See Instructor

Campus Offered: BP BW

HEALTH EDUCATION

Credit: .5

Prerequisites: Grades 10-12.

Students acquire health information and skills necessary to become healthy adults and learn behaviors in which they should and should not participate. Students will understand the following: parents are a primary source of guidance in the area of health; personal behaviors can increase or reduce health risks; and health is influenced by a variety of factors. Students will recognize and use health information and products and learn that personal/interpersonal skills are needed to promote health. Many skills are taught in this course such as refusal skills, first aid, CPR, suicide prevention, substance abuse, and personality development. Note: This course cannot be awarded credit if Health Credit was awarded in Teen Leadership.

Course ID: 7900; HLTH ED; 03810100

Resources: Health, Texas Edition; Glencoe

Campus Offered: BP BW

PE TEAM SPORTS I, II

Credit: .5

Prerequisites: None

Students enrolled in Team Sports are expected to develop health-related fitness and an appreciation for team work and fair play. Team Sports is less concerned with the acquisition of physical fitness during the course than reinforcing the concept of incorporating physical activity into a life-style beyond high school. Students may earn up to one full state credit in team sports (0.5 credit is earned per semester upto one full state credit); subsequent offerings are for local elective credit.

Course ID: 7001; PEITS; PES00055; 7002; PEITS; PES00055

Resources: See Instructor

Campus Offered: BP BW

Health, Athletics, and Physical Education

ADVENTURE/OUTDOOR EDUCATION

Credit: .5

Prerequisites: None.

Students enrolled in adventure outdoor education are expected to develop competency in outdoor education activities that provide opportunities for enjoyment and challenge such as fishing, hiking, and camping.

Course ID: 7600; PEAOA; PES00053

Resources: See Instructor

Campus Offered: BP BW

Languages Other Than English

AMERICAN SIGN LANGUAGE I

Credit: 1

Prerequisites: None.

Students will understand and produce short, signed phrases and sentences, detect main idea in material that is signed, be able to transcribe ASL into English gloss, recognize the importance of communication and how it relates to the American deaf culture, and recognize the importance of acquiring accuracy of expression by knowing the components of ASL, including grammar. Mastery of skills is necessary for communicating through ASL. It includes an introduction to Deaf Culture, Deaf Community, and basic grammar elements of the language. For Brazosport High School students, American Sign Language I is only offered via Texas Virtual School Network. Please see your counselor.

Course ID: 5451; ASL 1; 03980100

Resources: Dawn Sign; Press & Sign Media Inc.

Campus Offered: BP BW

AMERICAN SIGN LANGUAGE II

Credit: 1

Prerequisites: ASL I.

This course continues to extend the skills introduced in Level 1. It includes Deaf History in America, Deaf Culture, Deaf Literature, and advanced grammar elements of the language. For Brazosport High School students, American Sign Language II is only offered via Texas Virtual School Network. Please see your counselor.

Course ID: 5452; ASL 2; 03980200

Resources: Dawn Sign; Press & Sign Media Inc.

Campus Offered: BP BW

AMERICAN SIGN LANGUAGE III

Credit: 1

Prerequisites: ASL II.

This course continues to extend the skills introduced in Levels 1 and 2. It includes advanced ASL storytelling and literature, advanced ASL grammar and vocabulary, issues in the Deaf community, and an introduction to the interpreting profession.

Course ID: 5453; ASL 3; 03980300

Resources: Dawn Sign; Press & Sign Media Inc.

Campus Offered: BW

AMERICAN SIGN LANGUAGE IV

Credit: 1

Prerequisites: ASL III.

This course continues to extend the skills introduced in Levels 1, 2, and 3. It includes Deaf Humor, advanced ASL storytelling and literature, advanced vocabulary, and a more in-depth study of the interpreting profession.

Course ID: 5454; ASL 4; 03980400

Resources: Dawn Sign; Press & Sign Media Inc.

Campus Offered: BW

Languages Other Than English

FRENCH I

Credit: 1

Prerequisites: None.

This course is an introduction to the study of the French language through conversation, grammar, reading, and writing. Students acquire insight into the lifestyles of France and other French-speaking people through comparative study of geography, culture, and social traditions.

Course ID: 5610; FREN 1; 03410100

Resources: Bien dit! Level 1; HMH

Campus Offered: BW

FRENCH II

Credit: 1

Prerequisites: French I.

In this second year of French study, emphasis is on spoken and written proficiency and practical applications of the language. Cultural investigation explores the provinces of France and regional differences in language and daily life.

Course ID: 5620; FREN 2; 03410200

Resources: Bien dit! Level 2; HMH

Campus Offered: BW

FRENCH II HONORS

Credit: 1

Prerequisites: French I.

This course exceeds the traditional course in French by including a more in-depth study of the language, French history, geography, culture, and literature and by placing more stress on oral proficiency. Extra time is required on the part of the Honors student for class preparation, outside reading, sophisticated writing assignments, and completion of complex projects or labs with complex problem solving. This course presents a more advanced curriculum and a weighted grade will be applied to the semester average.

Course ID: 5627; FREN 2; 03410200

Resources: Bien dit! Level 3; HMH

Campus Offered: BW

FRENCH III HONORS

Credit: 1

Prerequisites: French II.

At this level of language study, the focus is on communication in French with an emphasis on independent reading, independent writing, and continued practice on oral proficiency. French history and its contribution to the New World is a special focus of the study of French culture. This course is considered preparation for the Advanced Placement Examination the following year. This course presents a more advanced curriculum and a weighted grade will be applied to the semester average.

Course ID: 5637; FREN 3; 03410300

Resources: Bien dit! Level 3; HMH

Campus Offered: BW

FRENCH IV (LANGUAGE) ADVANCED PLACEMENT

Credit: 1

Prerequisites: French III.

Students enrolled in this course are expected to take the College Board AP examination at the end of the year. In the fourth year, students will be able to understand French spoken by a native speaker in a variety of conversations. Reading and writing become further integrated through expanded study of literature and modern culture. Students demonstrate language mastery by expression of personal opinions, persuasive speaking and writing, and production of brief literary interpretations and/or criticisms. Individual colleges and universities determine advanced standing based on AP exam scores. This course presents a more advanced curriculum and a weighted grade will be applied to the semester average.

Course ID: 5648; APFR LAN; A3410100

Resources: Bien dit! Level 4; HMH

Campus Offered: BW

Languages Other Than English

GERMAN I

Credit: 1

Prerequisites: None.

This course is an introduction to the study of the German language and life through conversation, grammar, reading, and writing. Through the language study, students develop the cultural understanding needed to function appropriately within German society.

Course ID: 5660; GERMAN 1; 03420100

Resources: Portfolio Deutsch 1; International Book Import Service

Campus Offered: BW

GERMAN II

Credit: 1

Prerequisites: German I.

This course is a review of the phonetic system and the grammatical structure of German I. The German vocabulary of the students will increase while oral comprehension and fluency in reading and writing also improve.

Course ID: 5670; GERMAN 2; 03420200

Resources: Portfolio Deutsch 2; International Book Import Service

Campus Offered: BW

GERMAN II HONORS

Credit: 1

Prerequisites: German I.

This course exceeds the traditional course in German by including a more in-depth study of the language, German history, geography, culture, and literature and by placing more stress on oral proficiency. Extra time is required on the part of the Honors student for class preparation, outside reading, sophisticated writing assignments, and completion of complex projects or labs with complex problem solving. This course presents a more advanced curriculum and a weighted grade will be applied to the semester average.

Course ID: 5677; GERMAN 2; 03420200

Resources: Portfolio Deutsch 2; International Book Import Service

Campus Offered: BW

GERMAN III HONORS

Credit: 1

Prerequisites: German II.

This is an advanced course which is a continuation and review of the study of the grammatical and syntactical structure of the German language. Vocabulary, aural-oral comprehension, and fluency of reading and writing are also increased. The study of German culture is continued. Students begin the study of German literature (short stories, essays, and poetry). Speaking is also stressed. This course presents a more advanced curriculum and a weighted grade will be applied to the semester average.

Course ID: 5687; GERMAN 3; 03420300

Resources: Portfolio Deutsch 3; International Book Import Service

Campus Offered: BW

GERMAN IV (LANGUAGE) ADVANCED PLACEMENT

Credit: 1

Prerequisites: German III.

Students enrolled in this course are expected to take the College Board AP examination at the end of the year. This course is a study of the grammatical and syntactical structure of the German language. German literature is studied in depth and the German culture is explored through videos, music, and recordings. There is a continued emphasis on speaking German. Individual colleges and universities determine advanced standing based on AP exam scores. This course presents a more advanced curriculum and a weighted grade will be applied to the semester average.

Course ID: 5698; APGR LAN; A3420100

Resources: Portfolio Deutsch 4; International Book Import Service

Campus Offered: BW

Languages Other Than English

SPANISH I

Credit: 1

Prerequisites: None.

This course introduces the study of the Spanish language and culture through conversation, grammar, speaking, reading, and writing. Through the cultural sections in the text, as well as supplementary materials, students acquire some insight into and appreciation of many aspects of Hispanic life and culture.

Course ID: 5510; SPAN 1; 03440100

Resources: Texas Asi se Dice Level 1; McGraw Hill

Campus Offered: BP BW

SPANISH II

Credit: 1

Prerequisites: Spanish I.

This course strengthens conversation and communication skills. Students produce conversations and short narratives and learn to read silently with comprehension and without translation material. Stress is placed on the accurate writing of grammatical structures, syntax, and familiar lexical items used in the reading strand of the program. Through identification of the principle heroes, leaders, and traditions of the Hispanic world, students continue their study of Hispanic culture.

Course ID: 5520; SPAN 2; 03440200

Resources: Texas Asi se Dice Level 2; McGraw Hill

Campus Offered: BP BW

SPANISH II FOR SPANISH SPEAKERS

Credit: 1

Prerequisites: Oral and written placement exam.

Students with excellent Spanish communication skills take this course and receive credit for Spanish II. The main objective of this course is to enrich the students' total language experience by building on the language proficiency they already possess. The focus is on increasing students' ability to use Spanish for both formal and informal situations and on developing their literacy skills. This course will provide "prior instruction" for students choosing to take CBE for Spanish I credit.

Course ID: 5521; SSPAN 2; 03440220

Resources: Texas Asi se Dice Level 2; McGraw Hill

Campus Offered: BP BW

SPANISH II HONORS

Credit: 1

Prerequisites: Spanish I.

This course exceeds the traditional Spanish class by including a more in-depth study of the language itself (grammatical structures), Spanish and Latin American history, geography, culture, and literature. The skills of reading, writing, listening, and speaking are stressed in order to achieve the ultimate goal of proficiency. Extra time is required on the part of the Honors student for class preparation, outside reading, sophisticated writing assignments, and completion of complex projects or labs with complex problem solving.
This course presents a more advanced curriculum and a weighted grade will be applied to the semester average.

Course ID: 5527; SPAN 2; 03440200

Resources: Texas Asi se Dice Level 2; McGraw Hill

Campus Offered: BP BW

SPANISH III HONORS

Credit: 1

Prerequisites: Spanish II.

This course continues to develop the Spanish language through vocabulary development, conversation, reading comprehension, and composition. It broadens the students' understanding of Hispanic culture through a study of Hispanic literature and culture. It is designed to challenge the above average Spanish student. This course presents a more advanced curriculum and a weighted grade will be applied to the semester average.

Course ID: 5537; SPAN 3; 03440300

Resources: Texas Asi se Dice Level 3; McGraw Hill

Campus Offered: BP BW

Languages Other Than English

SPANISH IV (LANGUAGE) ADVANCED PLACEMENT

Credit: 1

Prerequisites: Spanish III.

Students enrolled in this course are expected to take the College Board AP examination at the end of the year. Students will develop speaking proficiency with grammatical accuracy and adequate fluency acceptable to a native speaker. The study of Spanish literature is expanded. This course is for qualified students who wish to complete studies in high school comparable in difficulty and content to such college courses as Spanish Composition and Conversation. Individual colleges and universities determine advanced standing based on AP exam scores. This course presents a more advanced curriculum and a weighted grade will be applied to the semester average.

Course ID: 5548; APSPALAN; A3440100

Resources: Texas Asi se Dice Level 4; McGraw Hill

Campus Offered: BP BW

SPANISH V (LITERATURE) ADVANCED PLACEMENT

Credit: 1

Prerequisites: Spanish IV.

Students enrolled in this course are expected to take the College Board AP examination at the end of the year. This course is comparable in difficulty and content to such college courses as Introduction to Hispanic Literature. This course is a study of selections (short stories, essays, and poems) from the literatures of Spain, Mexico, Central America, and South America. Individual colleges and universities determine advanced standing based on AP exam scores. This course presents a more advanced curriculum and a weighted grade will be applied to the semester average.

Course ID: 5558; APSPA LIT; A3440200

Resources: Texas Asi se Dice Level 4; McGraw Hill

Campus Offered: BP BW

SPECIAL TOPICS IN LANGUAGE AND CULTURE

Credit: 1

Prerequisites: Spanish I. Placement by committee only.

This course strengthens conversation and communication skills. Students produce conversations and learn to understand short spoken narratives with comprehension and without translation material. Stress is placed on the accurate speaking and understanding of familiar syntax (grammatical) and lexical (vocabulary) items used in the listening and speaking strand of the program. Through identification of the principle heroes, leaders, and traditions of the Hispanic world, students continue their study of Hispanic culture.

Course ID: 5522; SPECTLC; 11410000

Resources: Texas Asi se Dice Level 2; McGraw Hill

Campus Offered: BP BW

Career Development (CTE)

CAREER PREPARATION I

Credit: 2

Prerequisites: An interest form required. Grades 11 or 12.

Career Prep may be added to any cluster after completion of one or more courses in a program of study, given the student is enrolled within the first 10 days of the school year. Students must remain employed and work a minimum of 10 hours per week for the entire school year to earn credit for this course. Credit requires a full year enrollment. Transportation not provided. Requires a full year enrollment.

Course ID: 8000; CAREERP1; 12701300. 8000E; EXCAREE1; 1270305 (3CR).

Resources: School to Career; Goodheart Wilcox

Campus Offered: BP BW

CAREER PREPARATION II

Credit: 2

Prerequisites: An interest form required. Grade 12. Career Preparation I.

See description for Career Preparation I. Credit requires full year enrollment. Students will continue their on-the-job training at an approved training station site. Students will complete a digital portfolio and participate in project-based learning activities. Transportation not provided. Requires a full year enrollment.

Course ID: 8001; CAREERP2; 12701400. 8001E; EXCAREE2; 1270405 (3CR).

Resources: School to Career; Goodheart Wilcox

Campus Offered: BP BW

CTE Agriculture, Food & Natural Resources

CTE Agriculture, Food & Natural Resources

PRINCIPLES OF AGRICULTURE, FOOD AND NATURAL RESOURCES

Credit: 1

Prerequisites: None. Grades 9-10.

Are you interested in the technical world of agriculture? Want to develop your leadership potential? Principles of Agriculture, Food and Natural Resources is designed to enhance understanding of the agriculture industry. Students will develop skills related to plant and animal systems, food production, mechanical systems, entrepreneurship, leadership and environmental sciences. Organization: FFA.

Course ID: 8010; PRINAFNR; 13000200

Resources: Agriscience Fundamentals & Applications; Thomson Learning

Campus Offered: BP BW

WILDLIFE, FISHERIES, AND ECOLOGY MANAGEMENT

Credit: 1

Prerequisites: Principles of Agriculture, Food & Natural Resources. Grades 10-12.

Wildlife, Fisheries, and Ecology Management is designed to examine the importance of wildlife, outdoor recreation and ecological concepts with emphasis on wildlife species identification and management of natural resources. This course provides a Hunter Safety Certification opportunity. Fee: $20 certification cost. Organization: FFA.

Course ID: 8035; WFECGT; 13001500

Resources: See Instructor

Campus Offered: BP BW

AGRICULTURAL MECHANICS & METAL TECHNOLOGY

Credit: 1

Prerequisites: Principles of Agriculture, Food & Natural Resources or Principles of Manufacturing. Grades 10-12.

Agricultural Mechanics and Metal Technology is designed to introduce career opportunities in the agricultural power, structural, and technical systems. Students will develop skills in safety, tool operations, electrical wiring, plumbing, carpentry, fencing, concrete, and metal working techniques of welding and metal fabrication. Fee: $40 Organization: FFA.

Course ID: 8050; AGMECHMT: 13002200

Resources: NCCER Agricultural Mechanics and Metal Technology; Pearson

Campus Offered: BP BW

AGRICULTURAL STRUCTURE DESIGN AND FABRICATION

Credit: 1

Prerequisites: Agricultural Mechanics & Metal Technology. Grades 11-12

In Agricultural Structures Design and Fabrication, students will explore career opportunities, entry requirements, and industry expectations. To prepare for careers in mechanized agriculture and technical systems, students must attain knowledge and skills related to agricultural structures design and fabrication. Fee: $40

Course ID: 8051; AGSDF; 13002300

Resources: See Instructor

Campus Offered: BP BW

FLORAL DESIGN

Credit: 1

Prerequisites: Grades 9-12.

Principles and Elements of Floral Design prepares students with the skills and knowledge related to Horticulture, and the design principles and techniques in floral design. Students are given hands-on experiences using a variety of floral materials such as live plants and silk flowers. Students will identify and demonstrate the principles and techniques related to floral design to create arrangements, as well as learn planning techniques, for floral enterprises and major events. Course may be used to fulfill the required fine art credit for graduation. Fee: $50. Organization: FFA.

Course ID: 8040; FLORAL: 13001800

Resources: Principles & Elements of Floral Desgin Pathway; CEV Multimedia

Campus Offered: BP BW

CTE Agriculture, Food & Natural Resources

ADVANCED FLORAL DESIGN

Credit: 1

Prerequisites: Floral Design. Grades 10-12.

In this course, students build on the knowledge from Floral Design and are introduced to more advanced floral design concepts, with an emphasis on speciality designs and specific occasion planning. This course focuses on building skills in advanced floral design and providing students with a thorough understanding of the design elements and planning techniques used to produce unique speciality floral designs that support the goals and objectives of a specific occasion or event. Lab Fee: $50. Organization: FFA.

Course ID: 8041; ADVFLDES; N1300270

Resources: See Instructor

Campus Offered: BP BW

LIVESTOCK PRODUCTION

Credit: 1

Prerequisites: Principles of Agriculture, Food & Natural Resources. Grades 10-12.

This course is designed to introduce students to careers in the field of animal science. Students will develop knowledge and skills pertaining to the nutrition, reproduction, health and management of domestic animals. Animal species addressed in this course may include, but are not limited to, beef cattle, dairy cattle, swine, sheep, goats, and poultry. Organization: FFA.

Course ID: 8015; LIVEPROD; 13000300

Resources: See Instructor

Campus Offered: BP BW

ADVANCED ANIMAL SCIENCE

Credit: 1

Prerequisites: Biology. Chemistry or IPC; Algebra I and Geometry; and either Small Animal Management, Equine Science, or Livestock Production.

This course is designed to examine the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to expand one's knowledge of the scientific and technological dimensions of resources necessary for animal production. Students are encouraged to participate in the national student organization - Future Farmers of America (FFA).

Course ID: 8017; ADVANSC1; 13000700

Resources: Animal Science Biology and Technology - High School

Campus Offered: BP BW

VETERINARY MEDICAL APPLICATIONS

Credit: 1

Prerequisites: Livestock Production. Grades 11-12.

This course provides training in the veterinary assistant field. Students have the opportunity to develop technical skills in health, nutrition, examinations, diseases, sanitation, and regulatory programs of small and large animals through collaboration, innovation and self-direction. The course includes, but is not, limited to animal handling and restraint, health and safety, surgical preparation, anatomy and physiology, medical terminology, infectious disease, instrument and equipment identification, vaccine preparation and injection techniques, and veterinary office procedures. Students will begin preparation for the Veterinary Assistant-Level I exam. Fee $40. Organization: FFA.

Course ID: 8027; VETMEDAP; 13000600

Resources: See Instructor

Campus Offered: BP BW

PRACTICUM IN AGRICULTURE

Credit: 2

Prerequisites: Advanced Floral Design, Veterinary Applications, Livestock Production, or Ag Mechanics

This practicum course is a paid or unpaid internship experience for students participating in a coherent sequence of career and technical education courses in the Agriculture, Food, and Natural Resources cluster. The practicum is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentor-ship, or laboratories. Organization: FFA.

Course ID: 8058; PRACAFNR1; 13002500

Resources: See Instructor

Campus Offered: BP BW

CTE Architecture & Construction

CTE Architecture & Construction

PRINCIPLES OF CONSTRUCTION

Credit: 1

Prerequisites: None. Grades 9-10.

This course provides an introduction to the various fields of architecture, interior design, construction science, and construction technology. Students will explore various field entry requirements to set career goals, in addition to learning about workplace safety and career opportunities, work ethics, communications, problem solving and critical thinking skills. Students will demonstrate uses of various hand tools and power tools, and technical vocabulary related to architecture and construction fields. Course Fee: $30 Organization: Skills USA

Course ID: 8060; PRINCON; 13004220

Resources: Residential Construction Academy: Basic Principles for Construction; Cengage Learning

Campus Offered: BP BW

CONSTRUCTION TECHNOLOGY I

Credit: 2

Prerequisites: Principles of Construction. Grades 10-12.

In Construction Technology students gain knowledge and skills specific to those needed to enter the workforce as carpenters or building maintenance supervisors, or prepare for a postsecondary degree in construction management, architecture, or engineering. Students acquire knowledge and skills in safety, tool usage, building materials, codes, and framing. NCCER Certification Opportunity. Course Fee: $30. Organization: Skills USA

Course ID: 8080; CONTECH1; 13005100

Resources: NCCER Construction Technology; Pearson

Campus Offered: BP BW

CONSTRUCTION TECHNOLOGY II

Credit: 2

Prerequisites: Construction Technology I. Grades 11-12.

This is a lab-based course designed to provide preparation and training in construction-related careers: carpenter, bricklayer, residential electrician, commercial welder, plumber, painter, and decorator. Instruction includes safety and career opportunities. NCCER Certification Opportunity. Course Fee: $30. Organization: Skills USA

Course ID: 8085; CONTECH2; 13005200

Resources: NCCER Construction Technology; Pearson

Campus Offered: BP BW

PRACTICUM IN CONSTRUCTION TECHNOLOGY

Credit: 2

Prerequisites: Construction Technology II. Grade 12.

This is an occupationally specific course designed to provide classroom technical instruction or on-the-job training. Students gain advanced knowledge and skills specific to enter the workforce and/or prepare for a postsecondary degree in construction management, architecture, or engineering. Course Fee: $30. Organization: Skills USA.

Course ID: 8145; PRACCT1; 13005250

Resources: See Instructor

Campus Offered: BP BW

CTE Arts, Audio/Video Technology & Communications

PRINCIPLES OF ARTS, A/V, TECHNOLOGY & COMMUNICATION

Credit: 1

Prerequisites: None. Grades 9-10.

Careers in the Arts, Audio/Video Technology, and Communications career cluster require, in addition to creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in the cluster and the knowledge, skills, and educational requirements for those opportunities.

Course ID: 8266; PRINAAVTC; 13008200

Resources: Principles of Arts, Audio and Video Technology and Communication; Pearson

Campus Offered: BP BW

CTE Arts, Audio/Video Technology & Communications

PRINTING AND IMAGING TECHNOLOGY I (Yearbook /News I)

Credit: 1

Prerequisites: Application with teacher approval.
Recommended - Journalism, Photojournalism, or Principals of Arts, A/V, Technology & Communication.

Careers in printing span all aspects of the industry, including prepress, press, finishing and binding operations. This course will focus onprepress and provide students with an overview of the computers and software packages used for desktop publishing as well as theopportunity to design graphics using the computer and a variety of graphic software including Adobe InDesign and Photoshop. Studentswill use photography, writing skills, and graphic design to create publications such as the school news publication and yearbook.

Course ID: 5911; PRIMTEC1; 13009600

Resources: See Instructor

Campus Offered: BP BW

PRINTING AND IMAGING TECHNOLOGY II (Yearbook & News II)

Credit: 1

Prerequisites: Printing and Imaging Technology I

In addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications

Career Cluster®, students will be expected to develop an advanced understanding of the printing industry with a focus on digital pre-pressand desktop digital publishing. Students will use photography, writing skills, and graphic design to create publications such as the school news publication and yearbook.

Course ID: 5921; PRIMTEC2; 13009700

Resources: See Instructor

Campus Offered: BP BW

PRACTICUM IN PRINTING AND IMAGING TECHNOLOGY

Credit: 2

Prerequisites: Printing and Imaging Technology II or Newspaper II

Careers in printing span all aspects of the industry, including prepress, press, and finishing and bindery operations. In addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster®, students will be expected to develop an advanced understanding of the printing industry with a focus on digital pre-pressand desktop digital publishing. Students will use photography, writing skills, and graphic design to create publications such as the school news publication and yearbook.

Course ID: 5931; PRACPRI1; 13009800

Resources: See Instructor

Campus Offered: BP BW

COMMERCIAL PHOTOGRAPHY I

Credit: 1

Prerequisites: Recommended - Journalism, Photojournalism, or Principals of Arts, A/V, Technology & Communication.

Students will refine their photography skills by exploring professional photographers' work and alternative techniques. They will develop experience in color photography, studio lighting, and computer skills. This course focuses on the skills needed for a career in the commercial photographic field as well as continuing to build one's personal portfolio.

Course ID: 5970; CPHOTO1; 13009100

Resources: See Instructor

Campus Offered: BP BW

COMMERCIAL PHOTOGRAPHY II

Credit: 1

Prerequisites: Commercial Photography I

In addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster®, students will be expected to develop an advanced understanding of the printing industry with a focus on digital pre-press and desktop digital publishing. Students will create publications such as school yearbook.

Course ID: 5971; CPHOTO2; 13009200

Resources: See Instructor

Campus Offered: BP BW

CTE Arts, Audio/Video Technology & Communications

PRACTICUM IN COMMERCIAL PHOTOGRAPHY

Credit: 2

Prerequisites: Commercial Photography II

Careers in commercial photography span all aspects of the industry from setting up a shot to delivering products in a competitive market. In addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an advanced technical understanding of the commercial photography industry with a focus on producing, promoting, and presenting professional quality photographs.

Course ID: 5972; PRACCPH1; 13009250

Resources: See Instructor

Campus Offered: BP BW

GRAPHIC DESIGN & ILLUSTRATION I + LAB

Credit: 2

Prerequisites: Principles of Arts, A/V, Technology & Communication. Grades 10-12.

Graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, in addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design.

Course ID: 8128; GRDLAB1; 13008810

Resources: Learning Graphic Design and Illustration; Pearson

Campus Offered: BP BW

GRAPHIC DESIGN AND ILLUSTRATION II W/ LAB

Credit: 2

Prerequisites: Graphic Design and Illustration I

Within this context, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an advanced understanding of the industry with a focus on mastery of content knowledge and skills.

Course ID: 8129; GRDLAB2; 13008910

Resources: See Instructor

Campus Offered: BP BW

PRACTICUM IN GRAPHIC DESIGN AND ILLUSTRATION

Credit: 2

Prerequisites: Graphic Design and Illustration II w/ Lab

Careers in graphic design and illustration span all aspects of the advertising and visual communications industry. Within this context, in addition to developing technical knowledge and skills needed for success in this field, students will be expected to develop a technical understanding of the industry with a focus on skill proficiency. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

Course ID: 8269; PRACGRD1; 13009000

Resources: See Instructor

Campus Offered: BP BW

AUDIO/VIDEO PRODUCTION I + LAB

Credit: 2

Prerequisites: Principles of Arts, A/V, Technology & Communications. Grades 10-12.

This introductory course will help students learn more about careers in the audio/video communications industry, with special emphasis on audio and video technology and production. Student will develop an understanding of the A/V industry through a hands-on focus on pre-production, production, and post-production audio and video activities. Students will learn the history of Audio/Video production, as well as collect footage throughout the year to show on their campus news channel.

Course ID: 8265; AVPLAB1; 13008510

Resources: Television Production and Broadcast Journalism; Goodheart Wilcox

Campus Offered: BP BW

CTE Arts, Audio/Video Technology & Communications

AUDIO/VIDEO PRODUCTION II + LAB

Credit: 2

Prerequisites: Audio/Video Production I. Grades 11-12.

In Advanced Audio/Video Production, students examine advanced elements of production through the campus studio setting. Students will present production techniques for a variety of video applications, including theatrical, news gathering, informational, and documentary-style productions. Students focus on pre-production planning and combining studio and field production into a final presentation, and help produce programming for their school news channel.

Course ID: 8126; AVPLAB2; 13008610

Resources: Television Production and Broadcast Journalism; Goodheart Wilcox

Campus Offered: BP BW

PRACTICUM OF AUDIO/VIDEO PRODUCTION

Credit: 2

Prerequisites: Audio/Video Production II or Graphic Design and Illustration I. Grade 12.

Careers in audio/video production span all aspects of the audio/video communications industry. Building upon the concepts taught in Audio/Video Production II and its corequisite Audio/Video Production II Lab, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an increasing understanding of the industry with a focus on applying pre-production, production, and post-production audio and video products in a professional environment. This course may be implemented in an advanced audio/video or audio format. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

Course ID: 8267; PRACAVP1; 13008700

Resources: See Instructor

Campus Offered: BP BW

CTE Business Management & Administration

PRINCIPLES OF BUSINESS, MARKETING, AND FINANCE

Credit: 1

Prerequisites: None. Grades 9-10.

Ever wonder what it takes to a operate a successful business? Principles of Business Marketing & Finance is an introductory course that will give you basic knowledge in business, marketing, advertising and economics. You will leave this class with a new outlook on business in the real world. Organization: Business Professionals of America.

Course ID: 8140; PRINBMF; 13011200

Resources: Business Marketing, Finance, IT & Media; ICEV

Campus Offered: BP BW

BUSINESS INFORMATION MANAGEMENT I

Credit: 1

Prerequisites: Principles of Business, Marketing, and Finance. Grades 10-12.

Business Information Management I prepares students to apply technology skills to personal and workplace business situations. Students develop mastery in using MS Office applications (Word, Excel, Access, PowerPoint and Publisher) and additional applications. **This course is highly recommended for preparing students for career and college entry. MS Office Applications Certification Opportunities. Organization: Business Professionals of America.

Course ID: 8160; BUSIM1; 13011400

Resources: Resources: Microsoft Office 2019

Campus Offered: BP BW

BUSINESS INFORMATION MANAGEMENT II

Credit: 1

Prerequisites: Business Information Management I. Grades 11-12.

In BIM II, you will learn more about MS Office while applying techniques towards managing several business and community related efforts. Throughout the year, you will learn more about MS Office software, computer hardware, and apply technical skills to address business applications of emerging technologies. Student will work towards a culminating electronic presentation using appropriate multimedia software. Additional MS Office Applications Certification Opportunities and/or IC3. Organization: Business Professionals of America.

Course ID: 8165; BUSIM2; 13011500

Resources: Resources: Microsoft Office 2019

Campus Offered: BP BW

CTE Business Management & Administration

ACCOUNTING I

Credit: 1

Prerequisites: Business Information Management I. Grades 11-12.

In Accounting I, students will investigate the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students will reflect on this knowledge as they engage in the process of recording, classifying, summarizing, analyzing, and communicating accounting information. Students will formulate and interpret financial information for use in management decision making. Organization: Business Professionals of America.

Course ID: 8170; ACCOUNT1; 13016600

Resources: Century 21 Accounting Multicolumn Journal; Cengage Learning

Campus Offered: BP BW

ENTREPRENEURSHIP

Credit: 1

Prerequisites: Business Information Management I. Grades 11-12.

Interested in becoming an entrepreneur? Students will learn the principles necessary to begin and operate their own business. Students will practice analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services. Organization: Business Professionals of America.

Course ID: 8376; ENTREP; 13034400

Resources: Entrepreneurship; Goodheart Wilcox

Campus Offered: BP BW

FINANCIAL MATHEMATICS

Credit: 1

Prerequisites: Algebra 1. Grades 11-12.

This is a course about personal money management. Students will apply critical-thinking skills to analyze personal financial decisions based on current and projected economic factors. Financial Mathematics can be used as third math credit under the Foundation Graduation Plan (HB 5). Organization: Business Professionals of America.

Course ID: 8171; FINMATH; 13018000

Resources: Real Life Financial Mathematics; Decker & Associates

Campus Offered: BP BW

TOUCH SYSTEM DATA ENTRY

Credit: .5

Prerequisites: None. Grades 9-12.

Touch System Data Entry teaches you technical skills to address business applications of emerging technologies. Students will produce various business documents focusing on correct formatting of documents, proper keyboarding technique, and skills with file management. Students will need to apply touch system data entry for production of business documents. Organization: Business Professionals of America OR Health Occupations Students of America.

Course ID: 8150; TSDATAE; 13011300

Resources: Century 21 Computer Skills and Applications; Cengage

Campus Offered: BP BW

MEDICAL TERMINOLOGY

Credit: 1

Prerequisites: None. Grades 9-12.

Medical Terminology is designed to develop a working knowledge of the language of medicine. Students acquire word-building skills by learning prefixes, suffixes, roots and abbreviations. A body systems approach is used, which includes anatomy, common diseases/disorders, diagnostic and therapeutic treatments and common abbreviations. This course is designed to prepare students for Health Science and Anatomy and Physiology. Organization: Business Professionals of America OR Health Occupations Students of America.

Course ID: 8205; MEDTERM; 13020300

Resources: Introduction to Medical Terminology; Goodheart Wilcox

Campus Offered: BP BW

CTE Business Management & Administration

HEALTH INFORMATICS

Credit: 1

Prerequisites: Business Information Management I. Grades 11-12.

The Health Informatics course is designed to provide knowledge of one of the fastest growing areas in both academic and professional fields. The large gap between state of the art computer technologies and the state of affairs in health care information technology has generated demand for information and health professionals who can effectively design, develop, and use technologies such as electronic medical records, patient monitoring systems, and digital libraries, while managing the vast amount of data generated by these systems. Organization: Business Professionals of America OR Health Occupations Students of America

Course ID: 8217; HLTHINF; 13020960

Resources: See Instructor

Campus Offered: BP BW

PRACTICUM IN BUSINESS MANAGEMENT

Credit: 2

Prerequisites: Business Information Management II, Accounting I, Entrepreneurship, or Health Informatics. Grade 12.

Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education, Students apply technical skills to address business application of emerging technologies, students develop a foundation in the economical, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs. Course Fee: $20 Organization: Business Professionals of America.

Students who are working within the Business Health track will have a student material fee up to $135 (includes scrubs, insurance, TB test and will apply for various personal supplies.) Student must provide own transportation. Certifications within this practicum are: 1) Billing and Coding, 2) Electronic Health Record Specialist, and 3) Medical Administrative Assistant. Organization: Business Professionals of America AND/OR Health Occupations Students of America.

Course ID: 8174; PRACBM; 13012200

Resources: See instructor.

Campus Offered: BP BW

SPORTS AND ENTERTAINMENT MARKETING

Credit: 0.5

Prerequisites:

Sports and Entertainment Marketing will provide students with a thorough understanding of the marketing concepts and theories that apply to sports and entertainment. The areas this course will cover include basic marketing concepts, publicity, sponsorship, endorsements, licensing, branding, event marketing, promotions, and sports and entertainment marketing strategies.

Course ID: 8270; SPORTSEM; 13034600

Resources: See Instructor

Campus Offered: BP BW

CTE Education &Training

PRINCIPLES OF EDUCATION AND TRAINING

Credit: 1

Prerequisites: None. Grades 9-10.

Principles of Education and Training is designed to introduce learners to the various careers available within the Education and Training Career Cluster. Students use self-knowledge as well as educational and career information to analyze various careers within the Education and Training Career Cluster. Students will develop a graduation plan that leads to a specific career choice in the student's interest area. Organization: Texas Association of Future Educators (TAFE).

Course ID: 8228; PRINEDTR; 13014200

Resources: Putting it All Together Education and Training; Pearson

Campus Offered: BP BW

CTE Education &Training

HUMAN GROWTH AND DEVELOPMENT

Credit: 1

Prerequisites: Principles of Education and Training. Grades 10-12.

Human Growth and Development is an examination of human development across the lifespan with emphasis on research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones. The course covers material that is generally taught in a postsecondary, one-semester introductory course in developmental psychology or human development. Organization: Texas Association of Future Educators (TAFE).

Course ID: 8235; HUGRDEV; 13014300

Resources: Human Growth and Development; Pearson

Campus Offered: BP BW

INSTRUCTIONAL PRACTICES

Credit: 2

Prerequisites: Human Growth and Development. Grades 11-12.

Instructional Practices is a field-based (practicum) internship that provides students with background knowledge of child and adolescent development as well as principles of effective teaching and training practices. Students work under the joint direction and supervision of both a teacher with knowledge of early childhood, middle childhood, and adolescence education and exemplary educators or trainers in direct instructional roles with elementary-, middle school-, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, develop materials for educational environments, assist with record keeping, and complete other responsibilities of teachers, trainers, paraprofessionals, or other educational personnel. Organization: Texas Association of Future Educators (TAFE).

Course ID: 8240; INPRAC; 13014400

Resources: See Instructor

Campus Offered: BP BW

PRACTICUM IN EDUCATION AND TRAINING

Credit: 2

Prerequisites: Instructional Practices. Grade 12.

Practicum in Education and Training is a field-based internship that provides students background knowledge of child and adolescent development principles as well as principles of effective teaching and training practices. Students in the course work under the joint direction and supervision of both a teacher with knowledge of early childhood, middle childhood, and adolescence education and exemplary educators in direct instructional roles with elementary-, middle school-, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, make physical arrangements, and complete other responsibilities of classroom teachers, trainers, paraprofessionals, or other educational personnel. Organization: Texas Association of Future Educators (TAFE).

Course ID: 8241; PRACEDT1; 13014500

Resources: Educational Foundations; Cengage Learning

Campus Offered: BP BW

CTE Health Science

PRINCIPLES OF HEALTH SCIENCE

Credit: 1

Prerequisites: None. Grades 10-12.

Principles of Health Science provides students with an overview of the health care industry. Focus is on exploration, leadership development, ethical and legal issues and history of medicine and economics and trends in financing health care. Students develop a concept of health and wellness from the perspective of a health consumer as well as a potential professional in the health care industry. Organization: Health Occupations Students of America.

Course ID: 8200; PRINHLSC; 13020200

Resources: DHO Diversified Health Occupations; Cengage Learning

Campus Offered: BP BW

CTE Health Science

MEDICAL TERMINOLOGY

Credit: 1

Prerequisites: None. Grades 9-12.

Medical Terminology is designed to develop a working knowledge of the language of medicine. Students acquire word-building skills by learning prefixes, suffixes, roots and abbreviations. A body systems approach is used, which includes anatomy, common diseases/disorders, diagnostic and therapeutic treatments and common abbreviations. This course is designed to prepare students for Health Science and Anatomy and Physiology. Organization: Health Occupations Students of America.

Course ID: 8205; MEDTERM; 13020300

Resources: Introduction to Medical Terminology; Goodheart Wilcox

Campus Offered: BP BW

HEALTH SCIENCE - THEORY

Credit: 1

Prerequisites: Principles of Health Science. Grades 11-12.

The Health Science Theory course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will employ hands-on experiences for continued knowledge and skill development. Organization: Health Occupations Students of America.

Course ID: 8210; HLTHSCI; 13020400

Resources: DHO Health Science; Cengage Learning

Campus Offered: BP BW

HEALTH SCIENCE - THEORY + CLINICAL ROTATIONS

Credit: 2

Prerequisites: Application with teacher approval. Own transportation is required. Principles of Health Science & Biology. Grades 11-12.

The Health Science Clinical course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will employ hands-on experiences for continued knowledge and skill development. Fee: $160 (Will include scrubs, insurance, TB test, etc.). Provide own transportation. Organization: Health Occupations Students of America.

Course ID: 8211; 13020410; 13020410

Resources: Clinical Rotations; Cengage Learning

Campus Offered: BP BW

MEDICAL MICROBIOLOGY

Credit: 1

Prerequisites: Biology and Chemistry Recommended: Principles of Health Science and/or Medical Terminology.

The Medical Microbiology course is designed to explore the microbial world, studying topics such as pathogenic and non-pathogenic microorganisms, laboratory procedures, identifying microorganisms, drug resistant organisms, and emerging diseases. Science, as defined by the National Academy of Sciences, is the "use of evidence to construct testable explanations and predictions of natural phenomena, as well as the knowledge generated through this process." This vast body of changing and increasing knowledge is described by physical, mathematical, and conceptual models. Students should know that some questions are outside the realm of science because they deal with phenomena that are not scientifically testable. Medical Microbiology can be used as a third or fourth year advanced science course under the Foundation Graduation Plan (HB 5). Organization: Health Occupations Students of America.

Course ID: 8213; MICRO; 13020700

Resources: Microbiology with Diseases by Body Systems Plus; Pearson

Campus Offered: BW

PATHOPHYSIOLOGY

Credit: 1

Prerequisites: Biology and Chemistry Recommended: Principles of Health Science and/or Medical Terminology.

The Pathophysiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Pathophysiology will study disease processes and how humans are affected. Emphasis is placed on prevention and treatment of disease. Students will differentiate between normal and abnormal physiology. Pathophysiology can be used as a third or fourth year advanced science course under the Foundation Graduation Plan (HB 5). Organization: Health Occupations Students of America.

Course ID: 8214; PATHO; 13020800

Resources: Human Diseases; Cengage

Campus Offered: BP BW

CTE Health Science

TOUCH SYSTEM DATA ENTRY

Credit: .5

Prerequisites: None. Grades 9-12.

Touch System Data Entry teaches you technical skills to address business applications of emerging technologies. Students will produce various business documents focusing on correct formatting of documents, proper keyboarding technique, and skills with file management. Students will need to apply touch system data entry for production of business documents. Organization: Business Professionals of America AND/OR Health Occupations Students of America.

Course ID: 8150; TSDATAE; 13011300

Resources: Century 21 Computer Skills and Applications; Cengage

Campus Offered: BP BW

BUSINESS INFORMATION MANAGEMENT I

Credit: 1

Prerequisites: Recommended: Medical Terminology & Touch System Data. Grades 10-12.

Business Information Management I prepares students to apply technology skills to personal and workplace business situations. Students develop mastery in using MS Office applications (Word, Excel, Access, PowerPoint and Publisher) and additional applications. **This course is highly recommended for preparing students for career and college entry. MS Office Applications Certification Opportunities. Organization: Business Professionals of America AND/OR Health Occupations Students of America.

Course ID: 8160; BUSIM1; 13011400

Resources: Resources: Microsoft Office 2019

Campus Offered: BP BW

HEALTH INFORMATICS

Credit: 1

Prerequisites: Business Information Management I. Grades 11-12.

The Health Informatics course is designed to provide knowledge of one of the fastest growing areas in both academic and professional fields. The large gap between state of the art computer technologies and the state of affairs in health care information technology has generated demand for information and health professionals who can effectively design, develop, and use technologies such as electronic medical records, patient monitoring systems, and digital libraries, while managing the vast amount of data generated by these systems. Organization: Business Professionals of America AND/OR Health Occupations Students of America.

Course ID: 8217; HLTHINF; 13020960

Resources: See Instructor

Campus Offered: BP BW

PRACTICUM IN BUSINESS MANAGEMENT

Credit: 2

Prerequisites: Health Informatics. Grade 12.

Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education, Students apply technical skills to address business application of emerging technologies, students develop a foundation in the economical, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs. Course Fee: $20 Organization: Business Professionals of America.

Students who are working within the Business Health track will have a student material fee up to $135 (includes scrubs, insurance, TB test and will apply for various personal supplies.) Student must provide own transportation. Certifications within this practicum are: 1) Billing and Coding, 2) Electronic Health Record Specialist, and 3) Medical Administrative Assistant. Organization: Business Professionals of America AND/OR Health Occupations Students of America.

Course ID: 8174; PRACBM; 13012200

Resources: See instructor.

Campus Offered: BP BW

CTE Health Science

ANATOMY & PHYSIOLOGY

Credit: 1

Prerequisites: Biology and Chemistry. Grades 11-12.

This course introduces a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis. Students conduct laboratory investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem-solving. This course includes independent reading, writing, and research components that will exceed those presented in an on-level course and a weighted grade will be applied to the semester average. This course is part of the Health Science CTE Pathway. Anatomy & Physiology can be used as a third or fourth year advanced science course under the Foundation Graduation Plan (HB 5). Organization: Health Occupations Students Association.

Course ID: 2960; ANATPHYS; 13020600

Resources: Human Anatomy and Physiology; Pearson

Campus Offered: BP BW

MATHEMATICS FOR MEDICAL PROFESSIONS

Credit: 1

Prerequisites: Algebra 1 and Geometry. Grades 11-12.

Mathematics for Medical Professionals is an instructional program that prepares students with skills to compute mathematical equations related to healthcare. The course integrates medical-physiological concepts and mathematics. Students will engage in math activities including problem-solving, reasoning and proof, communication, connections and representations. Mathematics for Medical Professions can be used as a third or fourth year advanced math course under the Foundation Graduation Plan (HB 5). Organization: Health Occupations Students of America.

Course ID: 8203; MTHMEDPR; 13020970

Resources: Math for Health Care Professionals; Cengage

Campus Offered: BP BW

PRACTICUM IN HEALTH SCIENCE

Credit: 2

Prerequisites: Application with teacher approval. Own transportation is required. Health Science - Theory + Clinical Rotations. Grade 12.

This double-blocked one-year course is designed for the student planning to enter into a health care career. Students will have the opportunity to observe various health care professionals during clinical rotations and study health care related topics in the classroom. Students will have opportunity to earn First Aid and CPR certification. Student materials fee up to $160 (includes scrubs, insurance, TB test and will apply for various personal supplies.) Student must provide own transportation. Certifications within this practicum are: 1) Phlebotomy Technician, 2) EKG Technician, 3) Clinical Medical Assistant and 4) Patient Care Technician. Organization: Health Occupations Students of America.

Course ID: 8215; PRACHLS1; 13020500

Resources: See Instructor

Campus Offered: BP BW

CTE Hospitality & Tourism

INTRODUCTION TO CULINARY ARTS

Credit: 1

Prerequisites: None. Grades 9-10.

Introduction to Culinary Arts will emphasize the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. The course will provide insight into the operation of a well-run restaurant. Introduction to Culinary Arts will provide insight into food production skills, various levels of industry management, and hospitality skills. This is an entry level course for students interested in pursuing a career in the food service industry. This course is offered as a classroom and laboratory-based course. Fee: $20. Organization: Skills USA

Course ID: 8219; INCULART; 13022550

Resources: The Culinary Professional; Goodheart Wilcox

Campus Offered: BP BW

CTE Hospitality & Tourism

CULINARY ARTS

Credit: 2

Prerequisites: Introduction to Culinary Arts. Grades 10-12.

Do you love to cook? Come explore food, flavor, equipment and cuisines of the World. Culinary Arts begins with the fundamentals and principles of the art of cooking or baking, and includes management and production skills and techniques. Students can pursue a national sanitation certification (ServSafe). Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations. Course Fee: $50, includes chef jacket. Organization: Skills USA

Course ID: 8220; CULARTS; 13022600

Resources: The Culinary Professional; Goodheart Wilcox

Campus Offered: BP BW

ADVANCED CULINARY ARTS

Credit: 2

Prerequisites: Culinary Arts. Grade 11-12.

Advanced Culinary Arts will extend content and enhance skills introduced in Culinary Arts by in-depth instruction of industry-driven standards in order to prepare students for success in higher education, certifications, and/or immediate employment. Course Fee: $50, includes chef jacket. Organization: Skills USA

Course ID: 8222; ADCULART; 13022650

Resources: See Instructor

Campus Offered: BP BW

FOOD SCIENCE

Credit: 1

Prerequisites: Biology and Chemistry. Grades 11-12.

In Food Science, 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. Food Science can be used as third or fourth year advanced science credit under the Foundation Graduation Plan (HB 5). Course Fee: $20. Organization: Skills USA.

Course ID: 8224; FOODSCI; 13023000

Resources: Principles of Food Science; Goodheart Wilcox

Campus Offered: BP BW

PRACTICUM IN CULINARY ARTS

Credit: 2

Prerequisites: Advanced Culinary Arts. Grade 12.

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 work experiences in culinary career-related fields. This class provides the opportunity for a culinary career-related internship where you may work at a food-service operation to gain real world experiences during your senior year. All food-service establishments must be approved by the Culinary teacher. Course Fee: $50, includes chef jacket. Provide own transportation. Organization: Skills USA

Course ID: 8221; PRACCUL1; 13022700

Resources: See Instructor

Campus Offered: BP BW

CTE Manufacturing

ROBOTICS I

Credit: 1

Prerequisites: Project Lead the Way: Introduction To Engineering Design

Students in Robotics I will be introduced to the basics of robotics through hands-on, project based activities and competitions. Students will learn problem solving skills, teamwork, and how to construct and program autonomous robots. Topics may include gear ratio, torque, speed, sensors, programming loops, logic, variables, and functions.

Course ID: 8400; ROBOTIC1; 13037000

Resources: Basic Robotics; Cengage

Campus Offered: BP BW

CTE Manufacturing

ROBOTICS II

Credit: 1

Prerequisites: Robotics I. Grades 11-12.

Students in Robotics II, building on the basic skills from Robotics I, will form a team to compete against other teams at FIRST Robotics competitions. They will use the engineering design process to design, build, and program a robot while documenting the process. Topics include electronics, basic fabrication, programming methods, project management, business, financial management, teamwork and leadership. Students will be required to attend a weekly after school practice, community outreach events, and competitions throughout the year. obotics II can be used as third year advanced math credit under the Foundation Graduation Plan (HB 5). Course fee $20

Course ID: 8401; ROBOTIC2; 13037050

Resources: See Instructor

Campus Offered: BP BW

ROBOTICS III (Practicum in Manufacturing)

Credit: 2

Prerequisites: Robotics II

Robotics III is a continuation from Robotics II. Students will compete in FIRST Robotics competitions. They will use the engineering design process to design, build, and program a robot while documenting the process. Topics include electronics, advanced fabrication, advanced programming methods, project management, business, financial management, teamwork, mentorship, and leadership. Students will be required to attend a weekly after school practice, community outreach events, and competitions throughout the year. Course fee $20

Course ID: 2941; PRACMAN1; 13033000

Resources: See Instructor

Campus Offered: BP BW

PRINCIPLES OF MANUFACTURING

Credit: 1

Prerequisites: None. Grades 9-10.

In Principles of Manufacturing, students gain knowledge and skills in the proper application of principles of manufacturing, the design of technology, the efficient prediction of technology, and the assessment of the effects of manufacturing production technology. The study of manufacturing technology allows students to participate in a variety of interesting and relevant activities and problems in a manufacturing setting. Students gain an understanding of career opportunities available in manufacturing and what employers require to gain and maintain employment in these careers. Students will have the opportunity to begin the NCCER Certification Modules and complete OSHA 10hr. Safety Certification. Materials Fee: $40 Organizations: TSA (Technology Students Assoc) and/or SkillsUSA

Course ID: 8320; PRINMAN; 13032200

Resources: NCCER Core; Pearson

Campus Offered: BP BW

INTRODUCTION TO WELDING

Credit: 1

Prerequisites: Principles of Manufacturing

Introduction to Welding will introduce welding technology with an emphasis on basic welding laboratory principles and operating procedures. Students will be introduced to the three basic welding processes. Topics include: industrial safety and health practices, hand tool and power machine use, measurement, laboratory operating procedures, welding power sources, welding career potentials, and introduction to welding codes and standards. Introduction to Welding will provide students with the knowledge, skills, and technologies required for employment in welding industries. 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 will prepare students for future success. Closed toed shoes required to participate within the lab. Materials Fee: $50 Organizations: TSA (Technology Students Assoc) and/or SkillsUSA

Course ID: 8329; INTRWELD; 13032250

Resources: See Instructor

Campus Offered: BP BW

CTE Manufacturing

WELDING I

Credit: 2

Prerequisites: Principles of Manufacturing and/or Agricultural Mechanics & Metal Technology. Grades 11-12.

Rapid advances in technology have created new career opportunities and demands in many industries. Welding provides the knowledge, skills, technologies required for employment in metal technology systems. Students will have the opportunity to earn NCCER and AWS Certification. Materials Fee: $100 (Includes: Welding Shirt, Gloves, Safety Goggles, Vice Grips and etc.) Organizations: TSA (Technology Students Assoc) and/or SkillsUSA

Course ID: 8330 ; WELD1; 13032300

Resources: NCCER Welding; Pearson

Campus Offered: BP BW

WELDING II + LAB

Credit: 3

Prerequisites: Welding I. Grade 12.

Advanced Welding students will demonstrate advanced concepts and skills as they relate it to personal and career development in the Manufacturing Industries. Students will have the opportunity to compete in various competitions, and complete the NCCER and American Welding Society—Level I certification. Materials Fee: $100 (Includes: Welding Shirt, Gloves, Safety Goggles, Vice Grips and etc.) Organizations: TSA (Technology Students Assoc) and/or SkillsUSA

Course ID: 8340; WELDLAB2; 13032410

Resources: Texas Manufacturing Welding; Pearson

Campus Offered: BP BW

CTE Science, Technology, Engineering & Math (STEM)

PRINCIPLES OF TECHNOLOGY

Credit: 1

Prerequisites: Biology or IPC; Algebra I. Grades 10-12.

In Principles of Technology, students will conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Various systems will be described in terms of space, time, energy, and matter. Students will study a variety of topics that include laws of motion, conservation of energy, momentum, electricity, magnetism, thermodynamics, and characteristics and behavior of waves. Students will apply physics concepts and perform laboratory experimentations for at least 40% of instructional time using safe practices. This course counts as a science credit under the Foundation Graduation Plan.

Course ID: 8386; PRINTECH; 13037100

Resources: See Instructor

Campus Offered: BP BW

PROJECT LEAD THE WAY: INTRODUCTION TO ENGINEERING DESIGN

Credit: 1

Prerequisites: None

Students study the engineering design process, applying math, science, and engineering standards to identify and design solutions to a variety of real problems. They work both individually and in collaborative teams to identify, research, test, refine, develop, and communicate design solutions using industry practices, standards, and tools. Utilizing PLTW's activity-project-problem-based teaching and learning strategies students' progress from structured activities to complex projects that require detailed planning, documentation, and communication. The course's rigorous pace requires students to develop an engineering mindset. Students apply industry accepted technical communication skills in visual representation using industry-standard 3D design technology as well as professional and industry specific documentation processes. The development of computational methods in engineering problem solving, including statistical analysis and mathematical modeling are emphasized.

Course ID: 8387; IED; N1303742

Resources: See Instructor

Campus Offered: BP BW

CTE Science, Technology, Engineering & Math (STEM)

PROJECT LEAD THE WAY: PRINCIPLES OF ENGINEERING

Credit: 1

Prerequisites: Project Lead the Way: Introduction To Engineering Design

Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. This course can be used as third or fourth year advanced science credit under the Foundation Graduation Plan (HB 5).

Course ID: 8390; ENGSCIEN; 13037500

Resources: See Instructor

Campus Offered: BP BW

PROJECT LEAD THE WAY: DIGITAL ELECTRONICS

Credit: 1

Prerequisites: Algebra I, Geometry, PLTW Introduction to Engineering Design, PLTW Principles of Engineering

From smartphones to appliances, digital circuits are all around us. This course provides a foundation for students who are interested in electrical engineering, electronics, or circuit design. Students study topics such as combinational and sequential logic and are exposed to circuit design tools used in industry, including logic gates, integrated circuits, and programmable logic devices. Note: Students may not receive credit for this and dual credit digital electronics as part of the CATALYST program.

Course ID: 8391; DIGELC; 13037600

Resources: See Instructor

Campus Offered: BW

PLTW ENGINEERING DESIGN & DEVELOPMENT

Credit: 1

Prerequisites: Project Lead the Way: Digital Electronics

Students identify a real-world challenge and then research, design, and test a solution, ultimately presenting their unique solutions to a panel of engineers.

Course ID: 8392; N1303749; EDD

Resources: See Instructor

Campus Offered: BW

ROCKETS 1 (Scientific Research & Design)

Credit: 1

Prerequisites: PLTW Introduction to Engineering Design, Concurrent Enrollment in Algebra I

Students experience how modern engineers design and build new technologies using math and science, together with ingenuity by designing and building rockets. They are exposed to new and relevant applications of mathematics, science and computer design technology important to aerospace and mechanical engineering problems. Second semester is dedicated to using a Design and Development process, in a working environment meant to simulate an industrial setting, to create a rocket to take a 1 pound payload to an altitude of 1 mile and safely recover the vehicle. This course can be used as third or fourth year advanced science credit under the Foundation Graduation Plan (HB 5). Note: Scientific Research and Design make be taken up to 3 times with different content for state credit. BISD provides dual credit options for this.

Course ID: 2950; SCIRD; 13037200

Resources: See Instructor

Campus Offered: BP BW

ROCKETS 2 (Engineering Design & Problem Solving)

Credit: 1

Prerequisites: Rockets 1, Algebra 1, concurrent enrollment in Physics

In this second year of rocket engineering, students have a mission to design and build a rocket that will surpass Mach 1 with an apogee of under 13,000 feet. Students begin the semester by creating a mathematical flight profile and presenting this model at the Johnson Space Center. In the second semester, students will host multiple reviews with local engineers and rocket enthusiasts to aid in the finalization of their design. To achieve this mission, students must explore new technologies and manufacturing techniques such as aerospace composite materials, CNC machining, and additive manufacturing. This course can be used as third or fourth year advanced science credit under the Foundation Graduation Plan (HB 5).

Course ID: 8395; ENGDPRS; 13037300

Resources: See Instructor

Campus Offered: BP BW

CTE Science, Technology, Engineering & Math (STEM)

ROCKETS 3 (Practicum of Science, Technology, Engineering, & Math)

Credit: 2

Prerequisites: Rockets 2, Algebra II, Pre-Calculus, Physics, Chemistry

Practicum in STEM is designed to give students supervised practical application of previously studied knowledge and skills. Students in the SystemsGo Goddard course will research, design, manufacture, and launch a rocket capable of sending and recovering a 5lb scientific payload to an altitude of 100,000 ft. Throughout the course students will deep dive into engineering techniques, practices, and principles, including safety factors, stress, material strengths, thermodynamics, CAD, and more. Students will engage in many design reviews with groups such as NASA, Boeing, and SAIC, as well as communicate constantly with local engineers and machine shops as they refine their design. Students will travel to White Sands Missile Range in New Mexico to launch. Note:This course is double-blocked.

Course ID: 8396; PRCSTEM1; 13037400

Resources: See Instructor

Campus Offered: BP BW

PROJECT LEAD THE WAY: COMPUTER SCIENCE ESSENTIALS

Credit: 1

Prerequisites: None.

This course offers an introduction to computer programming. Students will learn the basics of computer systems and how to design basic algorithms. Students will work with HTML, Scratch, and Python or Javascript.

Course ID: 6256; TAFCS; 03580140

Resources: See Instructor

Campus Offered: BP BW

PROJECT LEAD THE WAY: AP COMPUTER SCIENCE PRINCIPLES

Credit: 1

Prerequisites: Project Lead The Way: Computer Science Essentials

Using Python® as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. CSP helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity, and simulation. The course aligns to the AP CS Principles framework.

Course ID: 6257; APCSPRIN; A3580300

Resources: See Instructor

Campus Offered: BP BW

PROJECT LEAD THE WAY: AP COMPUTER SCIENCE A

Credit: 2

Prerequisites: PLTW AP Computer Science Principles or Algebra II or Algebra II concurrent. Grades 10-12.

Through PLTW, Computer Science A focuses on further developing computational-thinking skills through the medium of Android™ App development for mobile platforms. The course utilizes industry-standard tools such as Android Studio, Java™ programming language, XML, and device emulators. Students collaborate to create original solutions to problems of their own choosing by designing and implementing user interfaces and Web-based databases. This course aligns with the AP CS A course. AP Computer Science A can be used as a third or fourth year advanced math credit under the Foundation Graduation Plan (HB 5).

Course ID: 6258; APTACSAL; A3580110; APTACSAM; A3580120

Resources: See Instructor

Campus Offered: BP BW

PLTW CYBERSECURITY CAPSTONE

Credit: 1

Prerequisites: PLTW-AP Computer Science A

Whether seeking a career in the growing field of cybersecurity or learning to defend their own personal data or a company's data, students in Cybersecurity establish an ethical code of conduct while learning to defend data in today's complex cyberworld.

Course ID: 6259; 03580855; TACYBCAP

Resources: See Instructor

Campus Offered: BP BW

CTE Science, Technology, Engineering & Math (STEM)

DISCRETE MATHEMATICS FOR COMPUTER SCIENCE

Credit: 1

Prerequisites: Algebra II or Algebra II concurrent. Grades 11-12.

Discrete Mathematics for Computer Science provides the tools used in most areas of computer science. Students will develop the ability to see computational problems from a mathematical perspective and will be introduced to discrete data structures such as sets, discrete functions and relations, and graphs and trees. The Texas State Board of Education requires high schools to offer at least four technology applications. Discrete Mathematics for Computer Science provides a logical sequence for those students seeking a STEM endorsement in Computer Science. Discrete Mathematics for Computer Science can be used as a third or fourth year advanced math credit under the Foundation Graduation Plan (HB 5).

Course ID: 6255; TADISMA; 03580370

Resources: See Instructor

Campus Offered: BP BW

INDEPENDENT STUDY IN TECHNOLOGY APPLICATIONS

Credit: 1

Prerequisites: Completed 2 Computer Science courses. Grade 12.

Independent Study in Technology Applications is for students whose level of achievement in technology applications courses allows them to pursue work individually, extending their technology experiences. Students will identify a technology related question, issue, or topic which they will thoroughly investigate. Students will produce a quality in-depth technology project relating to their identified topic. The topic may relate to an academic or non-curricular subject matter with advisor approval.

Course ID: 6250 ; TAIND1; 03580900

Resources: See Instructor

Campus Offered: BP BW

PRINCIPLES OF INFORMATION TECHNOLOGY

Credit: 1

Prerequisites: None

In Principles of Information Technology, students will develop computer literacy skills to adapt to emerging technologies used in the global marketplace. Students will implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. Students will enhance reading, writing, computing, communication, and reasoning skills and apply them to the information technology environment. NOTE: This course is also duplicated as part of the CATALYST program. Student may only receive state credit the first time taken. If taken a second time as part of the required dual credit curriculum for CATALYST, only local credit shall be awarded.

Course ID: 6260; 13027200; PRINIT

Resources: See Instructor

Campus Offered: BW

Air Force Jr. ROTC

AIR FORCE JR. ROTC I

Credit: 1

Prerequisites: None.

This course is comprised of Aerospace Science, Leadership Education, Drill and Ceremonies, and a Wellness program. The Aerospace Science portion is an aviation history course focusing on the development of flight throughout the centuries. It starts with ancient civilizations and flight and progresses to future developments in aerospace with an introduction into cyber technologies. Leadership Education is intended for students entering the JROTC program. It will introduce cadets to history, organization, mission, traditions, goals and objectives of JROTC for all services. This course covers a multitude of areas to include, military customs, and courtesies, how to project a positive attitude, ethical and moral behavior, violence in today's society and prevention of bullying behavior, to name a few. The Drill and Ceremonies area concentrates on elements of military drill, individual and group movements, procedures for saluting, drill, ceremonies, reviews, parades and development of the command voice. The Wellness is to help motivate cadets to adopt active, healthy lifestyles to carry into their adult lives. Team sports are encouraged to keep the Wellness Program fun and motivating and provide cadets the opportunity to develop leadership skills and build esprit de corps. To successfully complete the course, students are required to properly wear the uniform once a week and meet all uniforms standards. The uniform will be provided free of charge and will be returned at the end of the year.

Course ID: 9601; ROTC 1; PES00004

Resources: See Instructor

Campus Offered: BW

Air Force Jr. ROTC

AIR FORCE JR. ROTC II

Credit: 1

Prerequisites: ROTC I.

This course is comprised of Aerospace Science, Leadership Education, Drill and Ceremonies, and the Wellness program. The Aerospace Science course is an introductory course and customized textbook that focuses on how airplanes fly, how weather conditions affect flight, flight and the human body and flight navigation. The course is designed to complement materials taught in math, physics, and other science-related courses. Leadership Education is a customized course designed to improve communication, enhance awareness of self and others, and provide fundamentals of leadership and followership. The course focuses on the AFJROTC mission to "develop citizens of character dedicated to serving their nation and community." The Drill and Ceremonies area concentrates on elements of military drill, individual and group movements, procedures for saluting, drill, ceremonies, reviews, parades and development of the command voice. Wellness is to help motivate cadets to adopt active, healthy lifestyles to carry into their adult lives. Team sports are encouraged to keep the Wellness Program fun and motivating and provide cadets the opportunity to develop leadership skills and build esprit de corps. To successfully complete the course, students are required to properly wear the uniform once a week and meet all uniforms standards. The uniform will be provided free of charge and will be returned at the end of the year.

Course ID: 9602; ROTC 2; 03160200

Resources: See Instructor

Campus Offered: BW

AIR FORCE JR. ROTC III

Credit: 1

Prerequisites: ROTC I and II.

This course is comprised of Aerospace Science, Leadership Education, Drill and Ceremonies, and Wellness program. The Aerospace Science area includes the latest information in space science and space exploration. It covers points of interest in Astronomy and provides an in-depth study of the solar system. Additionally it discusses issues critical to travel in the upper atmosphere, orbits and trajectories, manned and unmanned space flights, human aspects of spaceflight and the latest advances in space technology, robotics, and commercial uses of space. Leadership Education is designed to prepare students for life after high school in the high-tech, globally oriented, and diverse workplace of the 21th century. Students will learn how to become a more confident financial planner and to save, invest, and spend money wisely, as well as how to avoid the credit trap. This self-understanding will allow them to explore career paths and understand requirements that they will need to successful at work and life.The Drill and Ceremonies area concentrates on military drill, individual and group movements, procedures for saluting, ceremonies, parades and development of the command voice. Wellness is to help motivate cadets to adopt active, healthy lifestyles to carry into their adult lives. Team sports are encouraged to keep the Wellness Program fun and motivating and provide cadets the opportunity to develop leadership skills and build esprit de corps. To successfully complete the course, students are required to properly wear the uniform once a week and meet all uniforms standards. The uniform will be provided free of charge and will be returned at the end of the year.

Course ID: 9603; ROTC 3; 03160300

Resources: See Instructor

Campus Offered: BW

AIR FORCE JR. ROTC IV

Credit: 1

Prerequisites: ROTC I, II and III.

This course is comprised of Aerospace Science, Leadership Education, Drill and Ceremonies, Wellness Program, and Management of the cadet Corps. The Aerospace science portion is a customized course about the world's cultures. This specifically created course for JROTC programs introduces students to the world's cultures through the study of world affairs, regional studies, and cultural awareness. It looks at major events and significant figures that have shaped each region of our world. The Leadership Education provides exposure to the fundamentals of management. The text contains many leadership topics that will benefit students with some necessary skills needed to put into practice to serve in leadership positions within the corps. These activities are based on real life experiences and will allow students the opportunity to practice what they learn by getting involved in discussions and expressing their opinions. The Management of the Cadet Corps program is a hands-on experience giving the cadets the opportunity to put theories of previous leadership courses into practice. Planning, organizing, coordinating, directing, controlling and decision-making will be done by the cadets. They will put into practice the skills they have learned. The Drill and Ceremonies area concentrates on elements of military drill, individual and group movements, procedures for saluting, drill, ceremonies, reviews, parades and development of the command voice. The Wellness is to help motivate cadets to adopt active, healthy lifestyles to carry into their adult lives. Team sports are encouraged to keep the Wellness Program fun and motivating and provide cadets the opportunity to develop leadership skills and build esprit de corps. To successfully complete the course, students are required to properly wear the uniform once a week and meet all uniforms standards. The uniform will be provided free of charge and will be returned at the end of the year.

Course ID: 9604; ROTC 4; 03160400

Resources: See Instructor

Campus Offered: BW

Other Courses

AP SEMINAR

Credit: 1

Prerequisites: Grade 10-12

In AP Seminar, students investigate real world issues from multiple perspectives, gathering and analyzing information from various sources in order to develop credible and valid evidence-based arguments. AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational literary and philosophical texts; listening to and viewing speeches, broadcasts and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple source, develop their own perspectives in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.
Note: Due to the required collaboration in the AP Seminar research process, the course assessment is required for course participation.

Course ID: 5401; APSMNR; N11300026

Resources: See Instructor.

Campus Offered: BP BW

AP RESEARCH

Credit: 1

Prerequisites: AP Seminar; Grade 11-12

In AP Research, students cultivate the skills and discipline necessary to conduct independent research and inquiry in order to produce and defend their scholarly work. AP Research is designed to allow students to dive into an academic topic, problem, or issue of individual interest. Students will further develop the skills acquired in the AP Seminar course by understanding research methods; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research question. The course culminates in an academic paper of 4,000-5,000 words and a presentation with an oral defense during which the student will answer questions about his or her academic paper. In the AP Research course, students will: • Employ research and inquiry methodology to develop, manage, and conduct an in-depth study or investigation of an area of student's own interest, culminating in a 4,000 – 5,000 word paper. • Present (using appropriate media), and defend the research design, approach, and findings. • Document and reflect upon the research process and communication with mentor using a research log.

Note: Due to the complexity and time frame of the AP Research process, the course assessment is required for course participation.

Course ID: 5402; APRES; N1100014

Resources: See Instructor.

Campus Offered: BP BW

COLLEGE ADMISSIONS, READINESS, AND PREPARATION

Credit: 1 (Local Credit Only)

Prerequisites: Grades 10-12.

College Readiness focuses on preparing students for college. Students will participate in preparation for college entrance exams, review the college applications and admission process, learn how to apply for scholarships, and write application essays. Ths course is for local credit only.

Course ID: 9250; CLGRDPRP; 85000215

Resources: See Instructor

Campus Offered: BP BW

OFFICE ASSISTANT

Credit: .5-1 (Local Elective Credit)

Prerequisites: Teacher/Supervisor approval.

Senior students are selected to assist staff, office personnel, and selected teachers to perform various duties. Students gain experience by helping to prepare and organize materials. This course will have limited enrollment. A teacher assistant may be assigned to assist department heads, those who teach a technology or lab-based course, office staff, librarians, nurses, and others as approved by the campus principal. This course can only be counted as a local credit.

Course ID: 93XX (depending on assignment); TASSIST; 85000930

Resources: See Instructor

Campus Offered: BP BW

Other Courses

PEER ASSISTANCE AND LEADERSHIP I, II

Credit: 1 for each level

Prerequisites: Principals of Education and Training. Human Growth and Development. Application Process Required for all.

This course is a peer helping program in which selected high school students will be trained to work as peer facilitators with other students in all grade levels (K-12). Participants will be trained in a variety of helping skills which will enable them to assist other students in having a more positive and productive school experience.

Course ID: 9510; PAAL1; N1290005 -- 9520; PAAL2; N1290006

Resources: See Instructor

Campus Offered: BP BW

PEER ASSISTANCE AND LEADERSHIP III

Credit: 1 (Local Credit Only)

Prerequisites: PALS I & II. Application process required for all.

This course is a peer helping program in which selected high school students will be trained to work as peer facilitators with other students in all grade levels (K-12). Participants will be trained in a variety of helping skills which will enable them to assist other students in having a more positive and productive school experience. Note: This serves as a 2nd full year PALS course and is only for local credit.

Course ID: 9522

Resources: See Instructor

Campus Offered: BP BW

PRACTICUM IN HUMAN SERVICES (PALS III)

Credit: 2

Prerequisites: PALS I & II. Application process required for all.

This course is a peer helping program in which selected high school students will be trained to work as peer facilitators with other students in all grade levels (K-12). Participants will be trained in a variety of helping skills which will enable them to assist other students in having a more positive and productive school experience. Note: This is a 2 period practicum level course.

Course ID: 9521; PRACHUS1; 13025000

Resources: See Instructor

Campus Offered: BP BW

STUDENT LEADERSHIP

Credit: 1

Prerequisites: Grades 10-12. Student must hold a state of campus level office.

Foundations of Leadership allows the student to explore the concepts of leadership, service, communication, self-awareness and character in a rigorous academic setting. Emphasis is placed on personal application, analysis of concepts and the creation of philosophies and strategies relevant to the individual's circumstances and interests. Special attention is given to servant-leadership and social responsibility.

Course ID: 9530; N1290010; STULEAD

Resources: See Instructor

Campus Offered: BP BW

TEEN LEADERSHIP

Credit: 1 (two 0.5 credits)

Prerequisites: All BISD freshmen are required to complete this course. This course will fullfill the required credits needed for Professional Communications (Speech) and Health Education.

Teen Leadership is a course in which students develop leadership, professional, and business skills. Students will learn to develop a healthy self-concept, healthy relationships, and learn to understand the concept of personal responsibility. Students complete multiple state requirement for gradution in this course including CPR and civilian interaction training.
This course is awarded .5 credit of Leadworthy (semester 1) and .5 credit of Health Education (semester 2). This course is not eligible for yearlong averaging due to the awarding of separate half-credits.

Course ID: S1: 9440A; LDWRTY; N1290012; S2: 9440B; HLTH ED; 03810100

Resources: Leadworthy

Campus Offered: BP BW

Other Courses

SOCIAL STREAMING I

Credit: 1 (2 half credits)

Prerequisites: Placement by committee only.

This course provides instruction in a variety of appropriate social skills and self-regulation techniques based on specifically designed instructional needs of students. The instruction will target disruptive and inappropriate behaviors, identify replacement behaviors, and provide the opportunity for practice of appropriate behaviors across school settings. All students that are part of the BEST program will be in the Social Streaming class one period a day as long as they are ARDed to be part of the BEST program.

Course ID: S1: 9071A; LDWRTY; N1290012; S2: 9071B; HLTH ED; 03810100

Resources: See Instructor

Campus Offered: BP BW

SOCIAL STREAMING II

Credit: 1

Prerequisites: Placement by committee only.

This course provides instruction in a variety of appropriate social skills and self-regulation techniques based on specifically designed instructional needs of students. The instruction will target disruptive and inappropriate behaviors, identify replacement behaviors, and provide the opportunity for practice of appropriate behaviors across school settings. All students that are part of the BEST program will be in the Social Streaming class one period a day as long as they are ARDed to be part of the BEST program.

Course ID: 9072; GEMPLS; N1270153

Resources: See Instructor

Campus Offered: BP BW

SOCIAL STREAMING III

Credit: 1

Prerequisites: Placement by committee only.

This course provides instruction in a variety of appropriate social skills and self-regulation techniques based on specifically designed instructional needs of students. The instruction will target disruptive and inappropriate behaviors, identify replacement behaviors, and provide the opportunity for practice of appropriate behaviors across school settings. All students that are part of the BEST program will be in the Social Streaming class one period a day as long as they are ARDed to be part of the BEST program.

Course ID: 9073; LOCAL CREDIT

Resources: See Instructor

Campus Offered: BP BW

SOCIAL STREAMING IV

Credit: 1

Prerequisites: Placement by committee only.

This course provides instruction in a variety of appropriate social skills and self-regulation techniques based on specifically designed instructional needs of students. The instruction will target disruptive and inappropriate behaviors, identify replacement behaviors, and provide the opportunity for practice of appropriate behaviors across school settings. All students that are part of the BEST program will be in the Social Streaming class one period a day as long as they are ARDed to be part of the BEST program.

Course ID: 9074; LOCAL CREDIT

Resources: See Instructor

Campus Offered: BP BW

TRANSITION CENTER I

Credit: 1 (Local Credit Only)

Prerequisites: Placement by committee only.

Program designed for Adult students which have completed their required credits for graduation standards, are between the ages of 18 and 22 years of age and that need to continue to work on IEP goals / objectives. Transition center will work towards generalization of skills for supported and/or independent living, work skills, community skills, transportation skills and self-advocacy skills necessary in post-secondary life. Program will also include agency exploration and collaboration. Instruction occurs in the community as well as Transition Center based on student interest and strengths.

Course ID: 9091; LOCAL

Resources: See Instructor

Campus Offered: BP BW

Other Courses

TRANSITION CENTER II

Credit: 1 (Local Credit Only)

Prerequisites: Placement by committee only.

Program designed for Adult students which have completed their required credits for graduation standards, are between the ages of 18 and 22 years of age and that need to continue to work on IEP goals / objectives. Transition center will work towards generalization of skills for supported and/or independent living, work skills, community skills, transportation skills and self-advocacy skills necessary in post-secondary life. Program will also include agency exploration and collaboration. Instruction occurs in the community as well as Transition Center based on student interest and strengths.

Course ID: 9092; LOCAL

Resources: See Instructor

Campus Offered: BP BW

TRANSITION CENTER III

Credit: 1 (Local Credit Only)

Prerequisites: Placement by committee only.

Program designed for Adult students which have completed their required credits for graduation standards, are between the ages of 18 and 22 years of age and that need to continue to work on IEP goals / objectives. Transition center will work towards generalization of skills for supported and/or independent living, work skills, community skills, transportation skills and self-advocacy skills necessary in post-secondary life. Program will also include agency exploration and collaboration. Instruction occurs in the community as well as Transition Center based on student interest and strengths.

Course ID: 9093; LOCAL

Resources: See Instructor

Campus Offered: BP BW

TRANSITION CENTER IV

Credit: 1 (Local Credit Only)

Prerequisites: Placement by committee only.

Program designed for Adult students which have completed their required credits for graduation standards, are between the ages of 18 and 22 years of age and that need to continue to work on IEP goals / objectives. Transition center will work towards generalization of skills for supported and/or independent living, work skills, community skills, transportation skills and self-advocacy skills necessary in post-secondary life. Program will also include agency exploration and collaboration. Instruction occurs in the community as well as Transition Center based on student interest and strengths.

Course ID: 9094; LOCAL

Resources: See Instructor

Campus Offered: BP BW

WORK BASED LEARNING

Credit: 1 (Local Credit Only)

Prerequisites: Placement by committee only once chosen through interview process as a Dow Project SEARCH Intern

Course focus will be on career education through development of skills for the work place based on the student's specific need based on vocational work place and needs.

Course ID: 9095; LOCAL

Resources: See Instructor

Campus Offered: BP BW

ENGLISH WITH OPPORTUNITIES I, II, III

Credit: 1

Prerequisites: Placement by Committee only.

This is an intervention program that must be taken with English I, II or III. Instruction will address basic reading standards; placement includes entrance and exit criteria.

Course ID: 4001; READ1; 03270700; 4002; READ2; 03270800; 4003; READ3; 03270900

Resources:

Campus Offered: BP BW

Other Courses

ENGLISH LANGUAGE DEVELOPMENT AND ACQUISITION I, II

Credit: 1

Prerequisites: Placement by committee.

This is a course taken concurrently with a corequisite language arts course. Instruction is designed to support English Learners in all four language domains and will provide supports to enable students to become increasingly more proficient in English; student placement includes entrance and exit criteria.

Course ID: 4001B/I; 03200800; ELDA1; 4002B/I; 03200810; ELDA2

Resources: See Instructor

Campus Offered: BW BP

Online Courses (Edgenuity)

ACT/PSAT/SAT PREPARATION

Credit: .5 (Local Elective Credit)

Prerequisites: None.

Edgenuity's Virtual Tutor courses prepare students for high-stakes tests and exams, including GED®, SAT®, ACT®, ACCUPLACER®, COMPASS®, and state tests. Each course features diagnostic assessments and prescriptive learning paths for an individualized experience.

Edgenuity is proud to offer online test preparation courses to help students improve their scores on national exams. The courses leverage diagnostic tests to identify students' strengths and weaknesses, creating a personalized learning path for each student. They also employ Edgenuity's proven instructional approach, including video-based instruction by expert teachers, interactive assignments, and frequent assessment

PSAT, SAT, and ACT Test Preparation In our PSAT®, SAT®, and ACT® courses, a diagnostic pre-test is used to identify areas of opportunity and prescribe individualized paths of study on key concepts and skills.

Course ID: ; SAT/ACT; 85000921

Resources: Edgenuity

Campus Offered: Edgenuity

COMPUTER SCIENCE I

Credit: 1

Prerequisites: Algebra I. Grades 9-10. Administrator Approval.

This foundation course for computer programming emphasizes programming methodology and problem solving using packaged software and graphics. Students learn to code animation and games in various computer languages.

This course may count as year one of LOTE credit. Administrator approval is required for verification of eligibility and availability of resources.

**Not all colleges or universities accept this as a language credit in all fields. Interested students should contact their college or university for specific guidelines.

Course ID: 6252N; TACS1; 03580200

Resources: Edgenuity

Campus Offered: Edgenuity

COMPUTER SCIENCE II

Credit: 1

Prerequisites: Algebra I. Computer Science I. Administrator Approval.

This foundation course for computer programming emphasizes programming methodology and problem solving using packaged software and graphics. Students learn to code animation and games in various computer languages.

This course may count as year two of LOTE credit. Administrator approval is required for verification of eligibility and availability of resources.

**Not all colleges or universities accept this as a language credit in all fields. Interested students should contact their college or university for specific guidelines.

Course ID: 6253N; TACS2; 03580300

Resources: Edgenuity

Campus Offered: Edgenuity

Online Courses (Edgenuity)

PROFESSIONAL COMMUNICATIONS

Credit: .5

Prerequisites: None.

Professional Communications blends written, oral, and graphic communication in a career-based environment. Careers in the global economy require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication. Within this context, students will be expected to develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct Internet research.

Course ID: ; PROFCOMM: 13009900

Resources: Edgenuity

Campus Offered: Edgenuity

HEALTH EDUCATION

Credit: .5

Prerequisites: None.

Students acquire health information and skills necessary to become healthy adults and learn behaviors in which they should and should not participate. Students will understand the following: parents are a primary source of guidance in the area of health; personal behaviors can increase or reduce health risks; and health is influenced by a variety of factors. Students will recognize and use health information and products and learn that personal/interpersonal skills are needed to promote health. Many skills are taught in this course such as refusal skills, first aid, CPR, suicide prevention, substance abuse, and personality development. Note: This course cannot be awarded credit if Health Credit was awarded in Teen Leadership.

Course ID: ; HLTH ED; 03810100

Resources: Edgenuity

Campus Offered: Edgenuity

UNITED STATES GOVERNMENT

Credit: .5

Prerequisites: U.S. History.

This semester course includes a study of the Texas and U.S. Constitutions. It provides students with an opportunity to explore political theories, leadership, decision making, political institutions, nature of laws, and the rights and responsibilities of American citizenship. Interpretation of current events is emphasized. Students are taught to process information using higher level thinking skills. Students will be encouraged to put their talents to work solving real world problems.

Course ID: ; GOVT; 03330100

Resources: Edgenuity

Campus Offered: Edgenuity

ECONOMICS WITH EMPHASIS ON THE FREE ENTERPRISE SYSTEM & ITS BENEFITS

Credit: .5

Prerequisites: U.S. History.

The focus of this course is on the basic principles concerning production, consumption, and distribution of goods and services (the problem of scarcity) in the United States and a comparison with those in other countries around the world while emphasizing the Free Enterprise System and its benefits. The concepts of personal financial literacy are also taught so that students may become self-supporting adults who can make informed decisions relating to personal financial matters.

Course ID: ; ECO-FE; 03310300

Resources: Edgenuity

Campus Offered: Edgenuity

BISD Dual Credit Crosswalk

BISD Course Number	BISD Course Title	BISD Credit	BISD Grade Weight	BC Course Number	BC Course Title	BC Core Area/Certificate	BC Course Hours
English/Language Arts *Must demonstrate college readiness in English, Language Arts, Reading (ELAR) as defined by Texas Administrative Code (TAC) 4.85b*							
4304	English III (03220300)	1*	1.10	ENGL 1301 ENGL 1302	Composition and Rhetoric I Composition and Rhetoric II #	Communications (010) Institutional Component Area (090)	3 3
4404/4444	English IV (03220400) (4444 is taught at Brazosport HS)	1*	1.10	ENGL 1301 ENGL 1302	Composition and Rhetoric I Composition and Rhetoric II #	Communications (010) Institutional Component Area (090)	3 3
AC6124	English IV (03220400)	1*	1.10	ENGL 1301 HUMA 1301	Composition and Rhetoric I Introduction to Humanities	Communications (010) Language, Philosophy, & Culture (040)	3 3
4534	Humanities (03221600)	1	1.10	HUMA 1301	Intro to Humanities	Language, Philosophy, & Culture (040)	3
Speech *Must demonstrate college readiness in English, Language Arts, Reading (ELAR) as defined by Texas Administrative Code (TAC) 4.85b*							
5704/5703	Professional Communications (13009900) (5703 is taught at Brazosport HS)	.5	1.00	SPCH 1315	Fundamentals of Speech	Communications (010)	3
Mathematics *Must demonstrate college readiness in Math as defined by Texas Administrative Code (TAC) 4.85b*							
STEM Pathway							
1714	Independent Study in Math I (03102500)	1*	1.10	MATH 1414 MATH 2412	College Algebra for Calculus Pre Calculus#	Mathematics (020) Mathematics (020)	4 4
1984	Independent Study in Mathematics II (03102501)	1*	1.10	MATH 2413 MATH 2414	Calculus I# Calculus II#	Mathematics (020) Mathematics (020)	4 4
Business Pathway							
1734	Independent Study in Math I (03102500)	1*	1.10	MATH 1325 MATH 1324	Business Calculus # Finite Mathematics	Mathematics (020) Mathematics (020)	3 3
Education Pathway							
1744	Independent Study in Math I (03102500)	1*	1.10	MATH 1314 MATH 1350	College Algebra Fundamentals of Math I#	Mathematics (020) Mathematics (020)	3 3
Multidisciplinary Pathway							
1514	Statistics (03102530)	1*	1.10	MATH 1342	Statistics	Mathematics (020)	3
1534	Advanced Quantitative Reasoning (03102510)	1	1.10	MATH 1332	Quantitative Reasoning	Mathematics (020)	3
# indicates that a prerequisite is required to take this course. * indicates both college courses must be taken to receive high school credit.							
Science *Must demonstrate college readiness in English, Language Arts, Reading (ELAR) as defined by Texas Administrative Code (TAC) 4.85b*							
2014	Scientific Research & Design: General Biology (13037200)	1*	1.10	BIOL 1306/1106 BIOL 1307/1107	General Biology I /Lab General Biology II/Lab #	Life and Physical Sciences (030) Life and Physical Sciences (030)	4 4

BISD Course Number	BISD Course Title	BISD Credit	BISD Grade Weight	BC Course Number	BC Course Title	BC Core Area/Certificate	BC Course Hours
2964	Anatomy & Physiology (13020600)	1*	1.10	BIOL 2301/2101 BIOL 2302/2102	Human Anatomy & Physiology I /Lab Human Anatomy &Physiology II/Lab #	Not in Core Curriculum at BC Not in Core Curriculum at BC	4 4
2874	Environmental Systems (03020000)	1*	1.10	ENVR 1301/1101 ENVR 1302/1102	Environmental Science I Environmental Science II #	Life and Physical Sciences (030) Life and Physical Sciences (030)	4 4
Science *Must demonstrate college readiness in English, Language Arts, Reading (ELAR) & Math as defined by Texas Administrative Code (TAC) 4.85b*							
2314	Scientific Research & Design: General Chemistry (13037200)	1*	1.10	CHEM 1311/1111 CHEM 1312/1112	General Chemistry I/Lab # General Chemistry II/Lab #	Life and Physical Sciences (030) Life and Physical Sciences (030)	4 4
2514	Scientific Research & Design: College Physics (13037200)	1*	1.10	PHYS 1301/1101 PHYS 1302/1102	College Physics I/Lab # College Physics II/Lab #	Life and Physical Sciences (030) Life and Physical Sciences (030)	4 4
2524	Scientific Research & Design: University Physics (13037200)	1*	1.10	PHYS 2325/2125L PHYS 2336/2125L	Univ Physics I-Mechanics & Heat # Univ Physics II-Electricity, Magnetism & Light #	Life and Physical Sciences (030) Life and Physical Sciences (030)	4 4
Fine/Creative Arts *Must demonstrate college readiness in English, Language Arts, Reading (ELAR) as defined by Texas Administrative Code (TAC) 4.85b*							
5014	Art Appreciation (03500110)	1	1.00	ARTS 1301	Art Appreciation	Creative Arts (050)	3
5054	Art Appreciation (03500110)	1	1.00	ARTS 1303	Art History Survey: Ancient to Gothic	Creative Arts (050)	3
5064	Art Appreciation (03500110)	1	1.00	ARTS 1304	Art History Survey: Renaissance to Post Modern	Creative Arts (050)	3
5294	Music Appreciation (03155600)	1	1.00	MUSI 1306	Music Appreciation	Creative Arts (050)	3
5814	Theater Arts I (03250100)	1*	1.00	DRAM 1310 DRAM 1351	Introduction to Theater Beginning Acting	Creative Arts (050) Not in Core Curriculum at BC	3 3
5854	Theater Production I (03250700)	1*	1.00	DRAM 1120 DRAM 1121	Theatre Practicum	Not in Core Curriculum at BC Not in Core Curriculum at BC	1 1
Social Studies *Must demonstrate college readiness in English, Language Arts, Reading (ELAR) as defined by Texas Administrative Code (TAC) 4.85b*							
3424/3414	U.S. History Since Reconstruction (03340100)	1	1.10	HIST 1301 HIST 1302	United States History to 1877 United States History from 1877 to Present #	American History (060) American History (060)	3 3
3504/3514	U.S. Government (03330100)	.5	1.10	GOVT 2305	Federal Government	Government/ Political Science (070)	3
3904	Special Topics In Social Studies (03380002)	.5	1.10	GOVT 2306	Texas Government	Government/ Political Science (070)	3
3704/3714	Psychology (03350100)	.5	1.10	PSYC 2301	General Psychology	Social & Behavioral Science (080)	3
3634	Sociology (03370100)	.5	1.10	SOCI 1301	Introduction to Sociology	Social & Behavioral Science (080)	3
3604	Economics/Free Enterprise (03310300)	.5	1.10	ECON 2301	Principles of Economics I	Social & Behavioral Science (080)	3

# indicates that a prerequisite is required to take this course. * indicates both college courses must be taken to receive high school credit.

BISD Course Number	BISD Course Title	BISD Credit	BISD Grade Weight	BC Course Number	BC Course Title	BC Core Area/Certificate	BC Course Hours
Other Academic courses *Must demonstrate college readiness in English, Language Arts, Reading (ELAR) as defined by Texas Administrative Code (TAC) 4.85b*							
9564/9561	College Transition (N1290050)	1	1.00	PSYC 1300	Learning Frameworks	Institutional Component Area (090)	3
8164	Business Information Management I (13011400)	1	1.00	BCIS 1405	Business Computer Applications	Not in Core Curriculum at BC	4
5514	Spanish I (03440100)	1	1.10	SPAN 1411	Beginning Spanish I	Not in Core Curriculum at BC	4
5524	Spanish II (03440200)	1	1.10	SPAN 1412	Beginning Spanish II #	Not in Core Curriculum at BC	4
5534	Spanish III (03440300)	1	1.10	SPAN 2311	Intermediate Spanish I #	Not in Core Curriculum at BC	3
5544	Spanish IV (03440400)	1	1.10	SPAN 2312	Intermediate Spanish II #	Not in Core Curriculum at BC	3
Architecture & Construction Area **Program of Study: Drafting**							
8064	Architectural Design I (13004600)	1*	1.00	DFTG 1305 DFTG 1309	Technical Drafting Basic Computer Aided Drafting		3 3
8074	Architectural Design II (13004700)	2*	1.00	DFTG 2319 DFTG 1325 OR CNBT 1300	Int Computer-Aided Drafting Blueprint Reading & Sketching		3 3
8004	Career Preparation I – Extended (12701305)	3*	1.00	DFTG 1380 DFTG 1381	Co-op Education I – Drafting Co-op Education II – Drafting		3 3
Students completing DFTG 1305,1309, 1325 (or CNBT 1300), 2319,1380 & 1381 with a "C" or better earn a Drafting Technology - Basic Certificate at Brazosport College Apply at www.brazosport.edu/graduation							
Architecture & Construction Area **Program of Study: Electrical**							
8063	Principles of Construction (13004220)	1	1.00	CNBT 1318	Construction Tools & Techniques	NCCER Core Eligible	3
8094	Electrical Technology I (13005600)	1*	1.00	ELPT 1319 ELPT 1329 OR ELPT 1319 ELPT 1345	Fundamentals of Electricity Residential Wiring OR Fundamentals of Electricity Commercial Wiring	ELPT 1319 & 1329 are required for NCCER Level 1 certificate eligibility (with completion of NCCER core)	3 3 3 3
BISD Course Number	**BISD Course Title**	**BISD Credit**	**BISD Grade Weight**	**BC Course Number**	**BC Course Title**	**BC Core Area/Certificate**	**BC Course Hours**
8095	Electrical Technology II (13005700)	2*	1.00	ELPT 1357 ELPT 1329 OR ELPT 1357 ELPT 1345	Industrial Wiring Residential Wiring OR Industrial Wiring Commercial Wiring	ELPT 1345 & 1357 are required for NCCER Level 2 certificate eligibility (with completion of NCCER core)	3 3 3 3
8004	Career Preparation I – Extended (12701305)	3*	1.00	ELTN 1380 ELTN 1381	Co-op I – Electrician Co-op II – Electrician		3 3
Students completing ELPT 1321(or CNBT 1318),1319,1329, 1345, 1357with a "C" or better earn an **Industrial & Commercial Electricity - Basic Certificate** at Brazosport College Apply at www.brazosport.edu/graduation							

Architecture & Construction Area
Program of Study: Pipefitting

8063	Principles of Construction (13004220)	1	1.00	CNBT 1318	Construction Tools & Techniques	NCCER Core Eligible	3
8134	Pipefitting Technology I (N1300425)	1*	1.00	PFPB 1305 PFPB 1308	Basic Blueprint Reading for Pipefitters Basic Pipefitting Skills	PFPB 1308 is required for NCCER Level 1 certificate eligibility (with completion of NCCER Core)	3 3
8144	Pipefitting Technology II (N1300426)	1*	1.00	PFPB 2310 PFPB 2307	Inter. Blueprint Reading for Pipefitters Pipe Fabrication & Installation I		3 3
8004	Career Preparation I – Extended (12701305)	3*	1.00	PFPB 1380 PFPB 1381	Co-op I – Pipefitter Co-op II – Pipefitter		3 3

Students completing CNBT 1318, PFPB 1305,1308, 2310, 2307, & 1380 with a "C" or better earn a
Pipefitting (General) - Basic Certificate at Brazosport College
Apply at www.brazosport.edu/graduation

Manufacturing
Program of Study: Manufacturing Technology - Machinist

8354	Precision Metal Manufacturing I (13032500)	2*	1.00	MCHN 1338 MCHN 1341	Basic Machine Shop I Basic Machine Shop II		3 3
8364	Precision Metal Manufacturing II + Lab (13032610)	3*	1.00	MCHN 1302 MCHN 1343	Print Reading for Machining Trades Machine Shop Mathematics		3 3
8369	Practicum in Manufacturing – Extended (13033005)	3*	1.00	MCHN 1380 MCHN 1381	Co-op Education I - Machinist Tech Co-op Education II - Machinist Tech		3 3

Students completing MCHN 1338, 1341, 1343,1302,1380, & 1381 with a "C" or better earn a
Machine Technology: Machinist Specialty - Basic Certificate at Brazosport College
Apply at www.brazosport.edu/graduation

Manufacturing
Program of Study: Manufacturing Technology - Millwright

8354	Precision Metal Manufacturing I (13032500)	2*	1.00	MCHN 1325 MCHN 1329	Millwright I Millwright II	MCHN 1325 is required for NCCER Level 1 certificate eligibility (with completion of NCCER Core)	3 3
8364	Precision Metal Manufacturing II + Lab (13032610)	3*	1.00	MCHN 2305 MCHN 2307	Millwright III Millwright IV		3 3
8369	Practicum in Manufacturing – Extended (13033005)	3*	1.00	MCHN 1380 MCHN 1381	Co-op Education I - Machinist Tech Co-op Education II - Machinist Tech		3 3

Students completing MCHN 1325, 1329, 2305,2307,1380 & 1381 with a "C" or better earn a
Machine Technology: Millwright Specialty - Basic Certificate at Brazosport College
Apply at www.brazosport.edu/graduation

Manufacturing
Program of Study: Welding *Only Seniors completing Welding pathway May 2022*

8344	Welding II + Lab (13032410)	3	1.00	WLDG 2406 WLDG 2451 OR WLDG 2406 WLDG 2447	Intermediate Pipe Welding Advanced Gas Tungsten Arc Wldg Intermediate Pipe Welding Advanced Gas Metal Arc Welding	NCCER Level I Certificate eligible NCCER Level II Certificate eligible	4 4 4 4

Students completing WLDG 1428,2443,2406, & 2447 with a "C" or better earn a
Welding - Basic Certificate at Brazosport College
Apply at www.brazosport.edu/graduation

Manufacturing **Program of Study: Welding**							
8324	Introduction to Welding (13032250)	1	1.00	CNBT 1318	Construction Tools & Techniques	NCCER Core Eligible	3
8334	Welding I (13032300)	2*	1.00	WLDG 1428 WLDG 1412	Intro to Shielded Metal Arc Welding Intro to Flux Cored Arc Welding		4 4
8344	Welding II + Lab (13032410)	3*	1.00	WLDG 1430 WLDG 1434	Intro to Gas Metal Arc Welding Intro to Gas Tungsten Arc Welding		4 4
Students completing CNBT1318, WLDG 1428,1412, 1430, & 1434 with a "C" or better earn a **Welding - Basic Certificate** at Brazosport College Apply at www.brazosport.edu/graduation							
BISD Course Number	**BISD Course Title**	**BISD Credit**	**BISD Grade Weight**	**BC Course Number**	**BC Course Title**	**BC Core Area/Certificate**	**BC Course Hours**
Prerequisites for Associate Degree in Nursing (Pre-A.D.N)							
8204	Medical Terminology (13020300)	1	1.00	HITT 1305	Medical Terminology I	Not in BC Core Curriculum	3
2964	Anatomy & Physiology (13020600)	1*	1.10	BIOL 2301/2101 BIOL 2302/2102	Anatomy & Physiology	Not in BC Core Curriculum	4 4
8212	Medical Microbiology (13020700)	1	1.10	BIOL 2320/2120	Microbiology w/ Lab	Life and Physical Sciences (030)	4
AC6124	English IV (03220400)	1	1.10	ENGL 1301 HUMA 1301	Composition and Rhetoric I Introduction to Humanities	Communications (010) Language, Philosophy, & Culture (040)	3 3
Transportation, Distribution & Logistics **Program of Study: Automotive**							
8404	Automotive Technology I (13039600)	2*	1.00	AUMT 1405 AUMT 1410	Introduction to Automotive Tech Automotive Brake Systems		4 4
8414	Automotive Technology II (13039710)	3*	1.00	AUMT 1407 AUMT 1416	Automotive Electrical Systems Automotive Steering & Suspension		4 4
8424	Practicum in Transportation, Systems Extended Practicum (13040455)	3*	1.00	AUMT 1380 AUMT 1381	Co-op Education I – Automotive Co-op Education II – Automotive		3 3
Students completing AUMT 1405,1407,1410 & 1416 with a "C" or better earn an **Automotive Technology - Basic Certificate** at Brazosport College Apply at www.brazosport.edu/graduation							

Catalyst is a selective program that provides a pathway to Associate of Applied Science degree completion 1 year out of high school. Programs of study lead to an in-demand, high wage-earning career. Students selected for Catalyst will follow the Catalyst pathway, take courses together in a cohort, and are expected to earn a "C" or higher in each course. BISD will pay for tuition, fees, and textbooks for students accepted and meeting academic requirements into the Catalyst program. Upon high school graduation, Brazosport College will pay for tuition, fees, & textbooks for Catalyst students continuing the Catalyst pathway.

For more information visit www.brazosport.edu/Catalyst.

Catalyst Pathway: Chemical Technology – Process Operations							
All Juniors must demonstrate college readiness in English, Language Arts, Reading (ELAR) as defined by Texas Administrative Code (TAC) 4.85b *All Seniors must demonstrate college readiness in English, Language Arts, Reading (ELAR) & Math as defined by Texas Administrative Code (TAC) 4.85b*							
9564/9561	College Transition / Learning Frameworks (N1290050)	1	1.00	PSYC 1300	Learning Frameworks	Institutional Component Area (090)	3
8374	Introduction to Process Technology (13040502)	1	1.00	PTAC 1302	Intro to Process Technology		3

5704/5703	Professional Communications (13009900) (5703 is taught at Brazosport HS)	.5	1.00	SPCH 1315	Fundamentals of Speech	Communications (010)	3
8504	Oil & Gas Production Sys I (13001250)	1	1.00	PTAC 1410	Process Technology I-Equipment		4
8514	Oil & Gas Production Systems II (13001260)	1	1.00	PTAC 1432	Process Instrumentation I		4
AC6124	English IV (03220400)	1	1.10	ENGL 1301 HUMA 1301	Composition and Rhetoric I Introduction to Humanities	Communications (010) Language, Philosophy, & Culture (040)	3 3
1534	Advanced Quantitative Reasoning (03102510)	1	1.10	MATH 1332	Quantitative Reasoning	Mathematics (020)	3
AC 6134	Scientific Research & Design: Intro Chem / Technical Physics (13037200) *Catalyst Only Alignment*	1	1.10	CHEM 1305/1105 CTEC 1401/1401L	Introductory Chemistry/ Lab Technical Physics with Lab	Not in Core Curriculum at BC CTE Course – Not in Core Curriculum at BC	4 4
8524	Petrochemical Safety, Health & Environment (13040504)	1	1.00	PTAC 1308	Safety, Health & Environment I		3
Catalyst Pathway: Instrumentation Technology							
All Juniors must demonstrate college readiness in English, Language Arts, Reading (ELAR) as defined by Texas Administrative Code (TAC) 4.85b *All Seniors must demonstrate college readiness in English, Language Arts, Reading (ELAR) & Math as defined by Texas Administrative Code (TAC) 4.85b*							
9564/9561	College Transition / Learning Frameworks (N1290050)	1	1.00	PSYC 1300	Learning Frameworks	Institutional Component Area (090)	3
8084	Introduction to Instrumentation & Electrical (N1303900)	1	1.00	INTC 1401	Principles of Indust Measurements I		4
5704/5703	Professional Communications (13009900) (5703 is taught at Brazosport HS)	.5	1.00	SPCH 1315	Fundamentals of Speech	Communications (010)	3
8504	Oil & Gas Production Sys I (13001250)	1	1.00	PTAC 1410	Process Technology I-Equipment		4
AC6124	English IV (03220400)	1*	1.10	ENGL 1301 HUMA 1301	Composition and Rhetoric I Introduction to Humanities	Communications (010) Language, Philosophy, & Culture (040)	3 3
1534	Advanced Quantitative Reasoning (03102510)	1	1.10	MATH 1332	Quantitative Reasoning	Mathematics (020)	3
8264	Digital Electronics (13037600)	1	1.00	INTC 1441	Principles of Automatic Control #		4
AC 6114	Principles of Information Technology (13027200)	1	1.00	ITSC 1305	PC Operating Systems		3
8124	AC/DC Electronics (13036800)	1	1.00	INTC 1315	Final Control Elements #		3
8514	Oil & Gas Production Systems II (13001260)	1	1.00	INTC 1291	Test Equipment Review		2

Online Tools for Planning Your Future

Here are some websites to visit and research information about Careers, Colleges, Military Financial Aid and College Entrance Exams.

Researching Careers-When you do research, you need to look for the following information:

- How do your interests and abilities connect to a career?
- What college degrees, licenses, certifications or specialty training will you need for the career you want?
- How many years will it take you to get to the career you want?
- What is the job description of the career you are interested in? What will you be doing?
- What is the average starting salary of an entry level position?
- What opportunities for advancement will you have in this career? What are the benefits of this career?
- Where will you have to live for this career?
- What is the job outlook for the future in this career? Is it growing or dying?

Career Websites:

Occupational Outlook Handbook	www.bls.gov/ooh/
O*net Online	www.onetonline.org/
Mapping Your Future	http://mappingyourfuture.org/
Career One Stop	www.careeronestop.org/StudentsandCareerAdvisors
My Future	http://www.myfuture.com
Career Coach at Brazosport College	www.brazosport.edu/careercoach
Xello (formerly Career Cruising)	https://login.xello.world/

Researching College Information:

When doing research for colleges, find out the following information:

- Campus tour dates or special orientations for prospective students
- Degrees and programs the college offers
- Courses required for the degree you are seeking
- Application process- application, deadlines, requirements
- Admission Requirements- entrance exams, minimum scores, fee requirements
- Extra-Curricular activities- clubs, organizations, intramural sports + Transportation (Parking, shuttle bus)
- Financial Aid and Scholarship information
- Average semester costs of attending
- Information about the city of the college
- Housing options- dorms or apartments

- On-campus dining – meal plan options

College Information Websites:

Common Application	www.commonapp.org
Generation TX	http://gentx.org
Big Future	www.bigfuture.org
Go College	www.gocollege.com
U.S. Department of Education	www.ed.gov/
The Minnie Stevens Piper Foundation	https://comptroller.texas.gov/programs/education/msp/
Apply Texas Application	www.applytexas.org
Peterson's Guide	www.petersons.com
Know How 2 Go	www.KnowHow2GO.org

Researching Financial Aid and Scholarships:

- Financial Aid- All financial assistance given to students to attend college is financial aid.
- Scholarships- Money given to students that doesn't have to be paid back.
- Grants- Money that comes with some stipulations - may have to qualify for or participate in a specific program of study, may have to be paid back if student doesn't fulfill their obligation, Pell Grant, TPEG Grant, Teach for Texas Grant.
- Student Loans- Money loaned to students that has to be paid back. Subsidized- Interest is paid for by the federal government while student is enrolled in school. Unsubsidized- Interest begins accruing as soon as the loan is taken out
- Colleges give scholarship money to their own students- Fill out financial aid applications at the college you are thinking of attending. Sometimes the financial aid deadline is before the application to the college. Do your research.
- Avoid Scholarship Scams. Do not pay anyone money to find scholarships for you. You can do the same searches. Do not pay an application fee for a scholarship application. That is a sign of a scam.

Financial Aid and Scholarships Websites:

College for All Texans	www.collegeforalltexans.com
FAFSA	www.fafsa.ed.gov
Student Loans	www.collegeloan.com
Fast Web	www.fastweb.com
The Minnie Stevens Piper Foundation	https://comptroller.texas.gov/programs/education/msp/
Federal Student Aid Information Center	www.studentaid.ed.gov
Guide to Financial Aid	www.finaid.org/
Adventures In Education	www.AIE.org
Next Step U	www.nextSTEPU.com

College Entrance Exams and Test Prep:

- Going to a 4-year college?
    - You will need the SAT or ACT, and possibly a subject area test - Unless the college has made the entrance exam optional
    - Check the college's website for their entrance requirements and deadlines.
    - Register online by the deadline, late fees will apply after the deadline.
    - Fee waivers are available for students who qualify. See your counselor for additional details.
- Going to a 2-year community college, junior college, or technical school?
    - You probably won't need the SAT or ACT.
    - Check the college's website for their entrance requirements and deadlines.
    - TSI (Texas Success Initiative) - Register at Brazosport College Testing Office
    - You may be exempt from the TSI Assessment based on your STAAR EOC or SAT/ ACT scores.
- Going to an Armed Service Branch?
    - You will need to talk to a recruiter from Army, Navy, Air Force, Marines, or Coast Guard to see what criteria they have, to see what benefits they are offering, and to get signed up.
    - You will need to take the ASVAB.

College Entrance Exams and Test Prep Websites:

Khan Academy	http://www.khanacademy.org/test-prep/
The College Board (PSAT, SAT, test prep)	www.collegeboard.org
ACT Testing	www.actstudent.org
Princeton Review	www.princetonreview.com/college/free-sat-practice-test.aspx
4 Tests	www.4tests.com
Test Prep Review	www.testprepreview.com/sat_practice.htm
March 2 Success	www.march2success.com
Test Guide	www.test-guide.com/
Internet 4 Classrooms	www.internet4classrooms.com/act_sat.htm

College/Career/Military Prep Timeline

8TH GRADE YEAR:

- **Spring Semester:**
  - Plan a challenging program of classes to take throughout your high school years.
  - Sample 4 Year Plans for planning purposes: (https://drive.google.com/drive/folders/0B-Nivsh1CFyIbjdwNnVIT2RYTjA?usp=sharing)

FRESHMAN YEAR:

- Continue pursuing a challenging program of classes throughout your high school years.
- Create a file of important documents and notes (list of awards, honors, and community activities). This information can be housed in Xello. The Xello login page can be found under the Resource tab on the Brazosport ISD webpage (www.brazosportisd.net).
- Stay active in clubs, activities, and sports that you enjoy.
- Begin exploring careers in Xello by completing the Matchmaker Inventory.

SOPHOMORE YEAR:

- Continue exploring careers in Xello.
- Begin your college search… Utilize Xello to determine which colleges offer your college majors of interest.
- Prepare for standardized testing:
  - Sign up through your campus' testing coordinator to take the PSAT in the fall.
  - Once scores are received, review your test results and identify areas for improvement.
- Continue extracurricular activities.
- Update your file of important documents and notes.
- Complete the NCAA Eligibility Center (www.eligibilitycenter.org) application if you are planning on playing collegiate level sports. If you need assistance with this, see your Athletic Director or the Lead Counselor on your campus.

JUNIOR YEAR:

- **Fall Semester:**
  - Determine the dates you will take the SAT (www.collegeboard.org) and ACT (www.act.org) during this school year.
  - Begin developing a resume based off of the file of important documents and notes you have been accumulating. Resume data can be kept up with in Xello.
  - Take the PSAT in October.
  - Begin planning college visits.
  - Start doing a search for financial aid. Options include grants, loans, and scholarships.
  - If you are interested in the military, speak with a recruiter and take the ASVAB.
- **Spring Semester:**
  - Meet with your school counselor to develop your senior schedule and to ensure you have met all credit requirements for graduation.
  - Take the school based SAT.
  - Finalize your list of colleges you plan on applying to next school year.
  - Make a list of teachers, counselors, and other adults whom you might ask to write letters of recommendation for your college applications.
- **Summer:**
  - Work on your college application essays before you return to school!
  - Finalize your resume you will be using as part of your college application.

SENIOR YEAR:

- **August/September:**
  - Continue to research financial aid options.
  - Make sure you have all applications required for admission and financial aid.
  - Send high school transcripts to colleges you are applying to.
  - Check admission and financial aid deadlines for the schools you plan to apply to.
  - If you are still needing to take/retake the ACT and/or SAT, register for the first testing date this semester.
  - Obtain letters of recommendation, if needed.
  - If you are interested in the military, speak with a recruiter and take the ASVAB.
- **October:**
  - File early decision applications.
  - Have official test scores (SAT/ACT) sent by the testing agency to the colleges you are applying to.
  - Try to have all applications submitted by the end of October.
  - File for Free Application for Federal Student Aid (FAFSA) (https://fafsa.ed.gov/) as soon as possible once it has been opened.
- **November:**
  - Continue looking for scholarships and financial aid.
  - Begin working on local scholarship applications.
- **December/January/February:**
  - Begin making final decisions about where you will attend in the fall. Apply for housing, if needed.
  - Continue working on local scholarship applications.
- **March/April/May:**
  - Continue looking for scholarships.
- **June:**
  - Have high school send final transcript to the college you will attend.
  - If you took dual credit courses, have Brazosport College send your college transcript to the college you will attend. There is an online request form on the Brazosport College site (www.brazosport.edu).
  - Plan to attend orientation session at college.

Xello (formerly Career Cruising) Login

Information Related to Automatic College Admissions and Curriculum Requirements for Financial Aid

A student is not required by state law to successfully complete Algebra II as a requirement for high school graduation. However, there are potential consequences for a student who does not successfully complete an Algebra II course.

A student is eligible for automatic admission to a Texas public college or university as an undergraduate student if the student earned a grade point average in the top 10 percent of the student's high school graduating class or in the percentage of qualified applicants that are anticipated to be offered admission to The University of Texas at Austin*, and the applicant:

- successfully completed the requirements for the distinguished level of achievement (earned an endorsement and successful completion of Algebra II) under the foundation high school program at a public high school; or
- satisfied ACT's College Readiness Benchmarks on the ACT assessment or earned on the SAT assessment a score of at least 1500 out of 2400 or the equivalent.

A student may not earn the distinguished level of achievement or be eligible for automatic admission to a Texas public college or university as an undergraduate student if the student does not successfully complete high school Algebra II.

There are several state financial aid programs available for certain Texas public high school students. Certain state financial aid programs include curriculum requirements that should be considered when planning a student's high school career to ensure eligibility for financial aid under one of these programs. Please note that this is not a complete list of requirements and additional eligibility requirements apply. A full list of requirements is available through the Texas Higher Education Coordinating Board's (THECB) financial aid webpage at:

http://www.collegeforalltexans.com/apps/financialaid/tofa.cfm?Kind=GS

Brazosport Independent School District
Early Graduate Agreement

Student's Name (please print):_____

Grade:_____ Cohort Year:_____ Desired Graduation Date M/Y _____/_____

A student desiring to develop a plan to graduate early must understand and agree to the following:

- An application of intent to graduate early must be filed prior to the end of the third week of the student's 3rd year of high school. Exceptions to this deadline are up to principal discretion Early Graduation Application
- Students are strongly encouraged to submit this application for early graduation prior to the end of their sophomore year to allow adequate time to develop a plan to meet graduation requirements.
- Students desiring a plan for early graduation, with their parents/guardians, will agree to assume all of the responsibility and costs for all accelerated coursework needed beyond courses offered by BISD during the regular school year, which includes correspondence courses, dual credit courses, credit by exams, and any approved methods for obtaining credits.
- Students and parents/guardians desiring a plan for early graduation agree to consult with the student's counselor and develop a written plan for acquiring required credits to graduate early.
- All high school students who apply to graduate early must complete the requirements for the Foundation High School Plan with an Endorsement unless the student, the student's parent/guardian, and a school administrator agree in writing that there are extenuating circumstances or extreme hardships. If an agreement is reached, then the student will be allowed to graduate under the Foundation High School Plan without an Endorsement.
- Students planning to graduate early may have their grade rolled to the 12th grade if they have 19 credits at the beginning of the school year or 22.5 credits after the first semester. Students who have a plan to graduate early will be given the opportunity to participate in senior activities including senior pictures, project graduation, scholarships, and commencement exercises.
- Students must complete all graduation requirements prior to graduation ceremonies in order to participate, including all course credits and state mandated testing requirements.
- An early graduate will share a class rank with the students in the senior class where the early graduate's GPA falls in the ranking, but the early graduate will not displace a 4 year senior from their ranked position in their class. Early graduates may graduate with honors if they meet the criteria.
- A student who begins the early graduation process and chooses not to continue or fails to complete all graduation requirements (including STAAR EOCs) will be removed from the early graduate list, and the student agrees to carry a full load of classes in the succeeding semester.

Student Signature_____Date_____

Parent/Guardian Signature_____ Date_____

Counselor Signature_____Date_____

Principal Signature_____ Date_____

Brazosport Independent School District

2021-2022 Educational Planning Guide

Chairperson, Brian Cole, Assistant Superintendent of Curriculum & Assessment

Ian White Principal, Brazosport High School **Rita Pintavalle** Principal, Brazoswood High School **Fred Brown,** Principal, Brazos Success Academy **Jessie Jennings** Director of CTE **Rita Cundieff** Director of Language Acquisition **Lorin Furlow** Director of Special Services **Allison Jasso** Guidance & Counseling Coordinator	**Cynthia Kaale** Lead Counselor, Brazosport High School **Joy Helton** Lead Counselor, Brazoswood High School **Julie Engleking** Lead Counselor, Brazos Success Academy **Joda Mendoza** Dean of Instruction, Brazosport High School **Djara Patton** Dean of Instruction, Brazoswood High School **Gladys DeLaFuente** Dual Credit Counselor, Brazoswood High School **Darla Fagan** Dual Credit Counselor, Brazosport High School	**Chris Hutchison** Fine Arts Coordinator **Barbara Wells** ELA Coordinator **Michelle Hernandez** Math Coordinator **Cynthia Johansen** Science Coordinator **Angela McCabe** Social Studies Coordinator **Inga Gibbons** CTE Coordinator **Owen Dickson** CTE Specialist

NOTICE

In its efforts to promote nondiscrimination and as required by law, Brazosport ISD does not discriminate on the basis of race, religion, color, national origin, gender, sex, disability, age, or any other basis prohibited by law in providing education services, activities, and programs, including Career and Technical Education (CTE) programs. The District provides equal access to the Boy Scouts and other designated youth groups.

In accordance with Title IX, Brazosport ISD does not and is required not to discriminate on the basis of sex in its educational programs or activities. The requirement not to discriminate extends to admission and employment. Inquiries about the application of Title IX may be referred to the district's Title IX Coordinator (see below), to the Assistant Secretary for Civil Rights of the Department of Education, or both.

Other federal laws that prohibit discrimination include Title VI, Section 504, the Age Discrimination Act, the Boy Scouts Act, and Title II.

Brazosport ISD has designated and authorized the following employee as the Title IX Coordinator to address concerns or inquiries regarding discrimination on the basis of sex, including sexual harassment, sexual assault, dating violence, domestic violence, stalking, or gender-based harassment: Dr. Robin Pelton at 301 Brazoswood Dr., Clute, Texas 77531, 979-730-7000 extension 24101, rpelton@brazosportisd.net,. Reports can be made at any time and by any person, including during non-business hours, by mail, phone, or email. During district business hours, reports may also be made in person. Upon the district receiving notice or an allegation of sex-based harassment, the Title IX Coordinator will promptly respond in accordance with the process described at FFH(LOCAL).

For concerns regarding discrimination on the basis of disability, please contact the ADA/Section 504 Coordinator: Lorin Furlow, 301 W. Brazoswood Dr., Clute, Texas 77531, 979-730-700 extension 19246, lfurlow@brazosportisd.net.

For all other concerns regarding discrimination, please contact the Superintendent: Danny Massey, 301 W. Brazoswood Dr., Clute, Texas 77531, 979-730-7001, dmassey@brazosportisd.net.

ACCESS TO STUDENT RECORDS

The principal is the custodian of records for all students in the assigned school. The Superintendent is the custodian of records for students who have withdrawn or graduated.

Public Law 93-380 provides for protection of the rights and privacy of parents and students. The Brazosport Independent School District will abide by the provisions of this act by making available to parents (or eligible student) official records and files included in his/her cumulative record folder as provided by the law. Brazosport Independent School District will not release personally identifiable records or files of students without the permission of appropriate persons except as provided in the law.

En sus esfuerzos por promover la no discriminación y como lo requiere la ley, Brazosport ISD no discrimina por raza, religión, color, origen nacional, género, sexo, discapacidad, edad ni ninguna otra cosa prohibida por ley al proporcionar servicios, actividades y programas educativos, que también incluye los programas de Educación Profesional y Técnica (CTE). El Distrito proporciona igualdad de acceso a los Boy Scouts (Niños Exploradores) y a otros grupos de jóvenes designados.

Conforme al Título IX, Brazosport ISD no discrimina y tiene la obligación de no discriminar en base al sexo en sus programas y actividades educativas. El requerimiento de no discriminar se extiende a la admisión y el empleo. Las consultas sobre la aplicación del Título IX pueden ser derivadas al Coordinador del Título IX del distrito (observe a continuación), al Secretario Asistente de Derechos Civiles del Departamento de Educación, o ambos.

Otras leyes federales que prohíben la discriminación incluyen el Título VI, la Sección 504, la Ley de Discriminación por Edad, la Ley de Niños Exploradores y el Título II.

Brazosport ISD ha designado y autorizado al siguiente empleado como Coordinador del Título IX, para tratar las inquietudes o consultas sobre discriminación debido al sexo, que incluye acoso sexual, agresión sexual, violencia de género, violencia doméstica, persecución y acoso por género: Dr. Robin Pelton, con oficina en 301 Brazoswood, Dr., Clute, Texas 77531, 979-730-7000 interno 24101, rpelton@brazosportisd.net. Los informes pueden ser realizados en cualquier momento y por cualquier persona, incluso durante horarios no comerciales, por correo, teléfono o e-mail. Durante los horarios hábiles del distrito, los informes también pueden ser realizados en persona. Cuando el distrito recibe un aviso o un alegato de acoso sexual, el Coordinador del Título XI responderá inmediatamente siguiendo el proceso descripto en FFH(LOCAL).

Para inquietudes sobre discriminación por una discapacidad, comuníquese con la Coordinadora de ADA/Sección 504: Lorin Furlow, 301 W. Brazoswood Dr., Clute, Texas 77531, 979-730-700 interno 19246, lfurlow@brazosportisd.net.

Para todas las demás inquietudes sobre discriminación, comuníquese con el Superintendente: Danny Massey, 301 W. Brazoswood Dr., Clute, Texas 77531, 979-730-7001, dmassey@brazosportisd.net.

Public Notification of Nondiscrimination in Career and Technical Education

Brazosport ISD offers Career and Technical Education programs in Agriculture, Food, and Natural Resources, Architecture and Construction, Arts, A/V Technology, and Communication, Business Management and Administration, Finance, Health Science, Hospitality and Tourism, Human Services, Information Technology, Law, Public Safety, Corrections, and Security, Manufacturing, Marketing, Science, Technology, Engineering and Mathematics, Transportation, Distribution, and Logistics. Admission to these programs is based on open enrollment.

It is the policy of Brazosport ISD not to discriminate on the basis of race, color, national origin, sex, handicap, or age in its employment practices as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975, as amended; and Section 504 of the Rehabilitation Act of 1973, as amended.

Brazosport ISD will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs.

For information about your rights or grievance procedures, contact the Title IX Coordinator, Dr. Robin Pelton at 301 Brazoswood DR, Clute, Texas 77531, 979-730-7000 extension 12455 and/or the Section 504 Coordinator, Lorin Furlow at 301 W. Brazoswood DR, Clute, Texas 77531, 979-730-7000 extension 12951.

Notificación Publica de No Discriminación en Programas Vocacionales

Brazosport ISD ofrece programas vocacionales en Agricultura, Alimentación y Recursos Naturales, Arquitectura y Construcción Arte, Tecnología A/V y Comunicación, Administración de Negocios y Gerencia, Finanzas, Ciencias de la Salud, Hotelería y Turismo, Servicios Humanos, Informática, Leyes, Seguridad Pública, Publica y Seguridad, Manufactura, Mercadotecnia, Ciencias, Tecnología , Ingeniería y Matemáticas, Transporte, Distribución y Logística. La admisión a estos programas se basa en inscripción abierta.

Es norma de Brazosport ISD no discriminar por motivos de raza, color, origen nacional, sexo, impedimento o edad, en sus procedimientos de empleo, tal como lo requieren el Título VI de la Ley de Derechos Civiles de 1964, según enmienda; el Título IX de las Enmiendas en la Educación, de 1972, la ley de Discriminación por Edad, de 1975, según enmienda, y la Sección 504 de la Ley de Rehabilitación de 1973, según enmienda.

Brazosport ISD tomará las medidas necesarias para asegurar que la falta de habilidad en el uso del inglés no sea un obstáculo para la admisión y participación en todos los programas educativos y vocacionales.

Para información sobre sus derechos o procedimientos para quejas, comuníquese con el Coordinador del Título IX, Dr. Robin Pelton en 301 W. Brazoswood DR, Clute, Texas 77531, 979-730-7000 extension 12455 y/o el Coordinador de la Sección 504, Lorin Furlow, en 301 W. Brazoswood DR, Clute, Texas 77531, 979-730-7000 extensión 12951.