

# Tyler ISD Program of Studies

## 2010-2011



*One Passion, One Purpose*

# **Your CHOICES: The 2010-2011 edition**

As a Tyler ISD high school student you are encouraged to give careful consideration to the selection of your courses for the 2010-2011 school year. You should choose courses that prepare you for the future by choosing an academically challenging curriculum.

The guidance staff will be your partner to monitor your progress toward graduation during your high school years. However, it is very important that you and your parents take responsibility for ensuring all graduation requirements are completed in a timely fashion. You must earn an average of 6 ½ credits per year to be on track to meet graduation requirements. Additionally, a student may not receive a high school diploma until the student has performed satisfactorily on the exit-level Texas Assessment of Knowledge and Skills (TAKS) for English Language Arts, Mathematics, Social Studies, and Science. Course planning and registration is important. You should select courses and programs that match your interests, your academic abilities, and your post-secondary goals. Careful consideration should be given to the combination of courses selected and the demand on time for studying, practicing, performing, or competing. Counseling staff is available to advise you and your parents as you plan courses to meet state graduation requirements and your career goals.

Choices you make during high school years will determine the choices available to you for the rest of your life. Additional education or training gained through college, post-secondary education, technology training, military service, and vocational training can open up a world of opportunities. You should set goals that extend beyond high school and focus on what you need to do now in order to have the tools to reach those goals.

The Tyler ISD Program of Studies lists courses and programs that John Tyler and Robert E. Lee generally made available to students. It should be noted, however, that not all of the courses listed are scheduled every year, since it is not economically feasible to schedule classes in which only a few students enroll. Sufficient numbers of student requests for specific courses become a determining factor in the course being offered.



\*State and local policy supersede all statements in this guide.

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## CAREER PREPARATION

Choose courses that interest and challenge you as well as prepare you for the future. Match your interests and academic abilities to enable you to develop a career pathway for the future. Choices you make during high school years will determine the choices available to you later in life. High School provides you opportunities to identify and explore your interests and abilities. The process is not always an easy one, but that discovery can allow you to begin to develop your plans for college and a career before many of your peers.

Tyler ISD has joined with “Bridges”, a career exploration program, to give you direction in planning your four years of high school and the first two years of college (six-year educational plan.) Since Bridges is an education and career planning web-based program ([www.bridges.com](http://www.bridges.com)), an access code is required. Please see your counselor for the code. Explore your possibilities. This just may be the beginning of your exploring a new pathway.

## ESSENTIALS FOR GRADUATION

Tyler ISD students must meet or exceed the standards for graduation in three categories as follows:

- I. **Attendance** -- Policy FDD (LOCAL) states, “Students in grade 6 -12 must be in attendance 90 percent of the days a class is offered to receive credit for the course.” For the purposes of credit, there is no difference in an excused or an unexcused absence.
- II. **Course Requirements** -- Beginning with the freshman class of 2007 - 2008, all students shall complete a minimum of 26 units of credit as outlined in the state graduation plans in order to receive a high school diploma.
- III. **Required Exit Level Test** -- High school graduation requirements include the successful completion of the state mandated TAKS test, administered in the spring of the eleventh grade. The eleventh grade test will cover material about the following academic subjects:
  - **English language arts**, including at least English III and writing
  - **Mathematics**, including at least Algebra I and geometry
  - **Social Studies**, including early American history and United States history
  - **Science**, including at least biology and integrated physics and chemistry

**Graduation** – TISD does not award certificates of course completion. Only students who have met all state requirements may participate in commencement ceremonies. Students and parents must share the responsibility for monitoring progress toward meeting graduation requirements.

## STATE GRADUATION PLANS

Students in Tyler ISD are required to plan their high school studies to meet the expectations of the Recommended High School Program or the Distinguished Achievement Program. The Recommended High School Program and the Distinguished Achievement Program will provide the comprehensive background of coursework required by institutions of higher education and major employers in the business world. **However, students are strongly encouraged to contact colleges or universities of their choice regarding specific entrance requirements.** Beginning with the freshman class of 2007-2008 and thereafter, students must earn at least twenty-six credits for graduation.

<b>GRADUATION PLANS-Students entering grade 9 in 2007-2008 School Year (As of 12/02/09)</b>		
<b>Subject Areas</b>	<b>Recommended (26 Credits)</b>	<b>Distinguished Achievement (26 Credits)</b>
English	4 (Eng. 1, 2, 3, & 4)	4 (Eng. 1, 2, 3, & 4)
Mathematics	4(Alg. 1, Geom., Alg. 2 +1 additional)	4(Alg. 1, Geom., Alg. 2 +1 additional)
Science	4 (Bio., choose 2 from IPC, Chem. Physics) +1 additional	4 (Bio., Chem. Physics) +1 additional
Social Studies	3 ½ (W. Geog., W. Hist., U.S. Hist. & U.S. Gov.)	3 ½ (W. Geog., W. Hist., U.S. Hist. & U.S. Gov.)
Economics	½ credit	½ credit
Physical Education	1	1
Health Education	Optional	Optional
Foreign Language	2 (Same language)	3 (Same language)
Fine Arts	1	1
Speech (Communications Applications)	½ credit	½ credit
Technology Applications	1 (Per Local Policy)	1 (Per Local Policy)
Additional Components (Electives)	4 ½ credits	3 ½ credits
Advanced Measures	None	(From approved list pg 7)
<b>Total State Requirements</b>	<b>26</b>	<b>26</b>

## **DISTINGUISHED ACHIEVEMENT PROGRAM ADVANCED MEASURES**

The Distinguished Achievement Program recognizes students who demonstrate levels of performance equivalent to college students, or to work done by professionals in the arts, sciences, business, industry, and community service. In addition to the course requirements outlined in the preceding charts, students must complete four advanced measures.

### **Standards for Approval of Requirements:**

- The measures must focus on demonstrated student performance at the college or professional level.
- Student performance on advanced measures must be assessed through an external review process.

### **Requirements:**

- A student must achieve any combination of four of the following:

### **Original Research/Project:**

- Judged by a panel of professionals in the field that is the focus of the project; or
- Conducted under the direction of mentor(s) and reported to an appropriate audience; and
- Related to the required curriculum set forth in 19 TAC 74.1 (relating to Essential Knowledge and Skills).
- May not be used for more than two of the four advanced measures.

### **Test Data:**

- A score of three or above on the College Board Advanced Placement examination;
- A score of four or above on an International Baccalaureate examination;
- A score on the Preliminary Scholastic Assessment Test (PAST) that qualifies a student for recognition as a Commended Scholar or higher by the National Merit Scholarship Corporation; as part of the National Hispanic Scholar Program of The College Board; or as part of the National Achievement Scholarship Program for Outstanding Negro Students of the National Merit Scholarship Corporation. The PSAT score may count as only one advance measure regardless of the number of honors received by the student.

**College Courses:** A grade of 3.0 or higher on courses that count for college credit, including tech prep articulated credit programs.

## **EARLY GRADUATION**

A student who completes graduation requirements in fewer than four years *shall be ranked in the class with which he or she actually graduates.*

To be eligible to graduate early, a student must complete all course work and exit-level testing required of the ninth grade class in which he or she begins high school.

A student wishing to graduate in fewer than four years *must complete a written application in the counselor's office at the beginning of his or her sophomore year.* Written parental approval shall be submitted with the application. The student shall receive advisement regarding requirements and schedules.

Early graduates shall be eligible for honors positions if they are reclassified before the senior year. However, a student who meets the requirements of the Early High School Graduation Scholarship Program under the Education Code 56.203 at the end of summer school shall not be ranked within a graduating class.

# CLASS RANK AND STANDING

Class rank includes all grades earned for high school credit. If a student transfers into TISD with letter grades, these grades will be converted and recorded on the academic achievement record.

## GRADE CODE:

A+ = 98	B+ = 88	C+ = 78
A = 95	B = 85	C = 76
A- = 90	B- = 80	D = 72
	F = <70	

**Rank in Class and GPA:** Rank in class is determined by a cumulative numerical average of semester grades for all courses 9-12. This numerical average is weighted as follows: numerical grade plus 10 points for AP and IB courses, numerical grade plus 5 points for Pre-AP and Pre-IB courses. Student GPA includes all courses and is reported on an un-weighted 4 point scale. Pre-AP, Pre-IB, AP and IB points are not reflected on a student's report card or transcript. The weighted points are used for ranking purposes only.

**Valedictorian and Salutatorian:** Two members of each graduating class shall be honored as valedictorian and salutatorian. The following selection guidelines shall apply:

- To be eligible for valedictorian or salutatorian honors, a student must have been initially and continuously enrolled in the assigned school for the four regular semesters (fall and spring) preceding graduation and must have completed the Recommended Program or the Distinguished Achievement Program for Graduation.
- To qualify to speak at graduation as valedictorian or salutatorian, a student shall not have been engaged in any serious misconduct as defined by assault, possession of a weapon, alcohol or drug related offenses, arson, or felony criminal mischief during his or her last two (2) semesters.
- Should the valedictorian or salutatorian not be the first or second ranked student in the class due to eligibility requirements for these honors, the actual class rank will be indicated on the graduation program through the salutatorian position.

## PASS/FAIL COURSES

High school students who have completed the required credits in math, science, English, social studies or foreign language may opt to take additional classes in these areas on a Pass/Fail designation. In addition, SAT prep class may be taken Pass/Fail. The student shall declare intent to take the course pass/fail before the end of the tenth day on a traditional schedule or the fifth day on a block schedule during a regular semester. Students who have a 70 or above shall be awarded credit, but pass/fail courses shall be excluded in computing the grade point average or class rank. *Numerical grades will be reported at each progress report and report card, but the final designation at semester end will be converted to Pass or Fail. Pass/Fail courses are included in UIL eligibility requirements.*

## OTHER OPTIONS FOR ACQUIRING CREDIT

In addition to the campus course offerings during the regular school year, students in TISD have the options of summer school, credit-by-examination, and correspondence courses for acquiring credit towards graduation requirements.

**Summer School** – The TISD summer school for grades 9-12 is held at one site each summer. Summer school is designed for students who wish to:

- Receive credit for courses failed during the regular term
- Receive credit for courses required for graduation
- Strengthen areas of weakness; and/or
- Develop and enrich knowledge in selected topics

Students who did not receive credit in a course due to a failing grade can repeat courses in the four core curriculum areas of English Language Arts, mathematics, science, and social studies. In addition, students can select from a

limited number of courses that are first time offerings (not repeat courses). Courses are offered based on enrollment and availability of teaching staff. A fifteen (15) student minimum enrollment is required for classes to make.

**Credit by Examination (CBE)** – Students may take credit by examination to receive credit for high school courses. Credit by examination is offered each year during the summer. Students must score ninety (90) or better to receive credit in a course for which they have had no prior instruction. If a student has had prior instruction and has made a grade of at least sixty (60) in the course, he/she may take a credit by examination but must make a grade of seventy (70) or above to receive credit. See your counselor for information on the application process. Examination dates and registration information may also be found on the TISD website under Assessment.

## ADMISSION TO COLLEGE

The student who plans to attend college after high school graduation should begin early to plan a course of study to assure acceptance by the college or university of his choice. Students must graduate on The Recommended or Distinguished Achievement Program to apply to a 4 year college or university right out of high school. The high school counselors have information on colleges which list entrance requirements and other vital information. Once the student has made a definite choice of the school he/she plans to attend, it is advisable to keep in contact with the school's admission office; by doing so, the student will know well in advance any entrance requirement changes. Generally, college admission is based on a specific high school curriculum, rank in class, and scores on college entrance exams. It is recommended that the student write for his own current catalogue and study it carefully. Most colleges post their catalogs to their websites.

The following examinations are administered during high school to prepare students for entrance into college:

- **Preliminary Scholastic Aptitude Test - National Merit Scholarship Qualifying Test (PSAT-NMSQT)** – This test, administered in October of the junior year, is designed to aid juniors in estimating their ability to do college-level work and to guide them in making their college plans. It is sometimes used by industries and universities for scholarship purposes. TISD pays the registration fee for all sophomore and juniors. (Freshmen may register to take the test for practice by paying the test fee).
- **ACT and SAT** – The Association of Texas Colleges and Universities has approved a statewide system of testing prospective college students for the purpose of admission and counseling. Students should find out which test is required or preferred by the institutions they are considering. These tests are administered several times during the year on Saturdays. Each of the tests has a required registration fee which must be paid at the time of registration. TISD pays for one college entrance exam for each interested junior or senior. Please read about the reimbursement procedures on the TISD website before registering for the tests. Click on “ACT/SAT Information”.
- **Advanced Placement Examinations (AP)** – These exams are administered each May in multiple subject areas. Because AP courses are introductory college-level courses, the program promotes college and university policies that grant college credit and/or advanced standing to students with strong AP examination results. Each university makes its own policy as to what is an acceptable score. It is advisable to take AP courses to prepare for AP exams. AP exams are norm referenced exams.
- **International Baccalaureate Examinations (IB)** – IB exams are administered each May in multiple subject areas to students who have taken the Diploma courses. Because IB courses are college-level courses, Texas passed legislation requiring all Texas public colleges and universities to award a minimum of 24 of the core college hours to students who both earn the IB Diploma and make a 4 or higher on each exam. The program promotes college and university credit and/or advanced standing to students with strong IB examination results on the courses they score 4 or above on, but do not make a total score high enough to earn the IB Diploma. The Diploma score is made up of both internal and external assessments. Students must take IB courses in order to take IB exams. IB exams are criterion referenced exams.
  - **Internal assessment** - In nearly all subjects some of the assessment is carried out internally by teachers, who mark individual pieces of work produced as part of a course of study. Examples include oral exercises in language subjects, projects, student portfolios, class presentations, practical laboratory work, mathematical investigations and artistic performances.
  - **External assessment** - Some assessment tasks are conducted and overseen by teachers without the restrictions of examination conditions, but are then marked externally by examiners. Examples include world literature assignments for language A1, written assignments for language A2, essays for theory of knowledge and

extended essays. Because of the greater degree of objectivity and reliability provided by the standard examination environment, externally marked examinations form the greatest share of the assessment for each subject.

- **Texas Higher Education Assessment (THEA)** - Students who are planning to take community college courses during their high school years must take and pass the THEA or an approved THEA alternative test such as the Accuplacer to be eligible. Registration packets for the THEA are in the counseling office. Tyler Junior College administers the THEA on the high school campuses prior to the registration process for dual credit courses. The following are performance exemptions for the THEA exam:
  - **ACT** – Obtaining a composite score of 23 or higher, with English and math score of 19 or higher
  - **SAT Reasoning Test**– Obtaining a critical reasoning and math combined score of 1070 or higher, with verbal and math 500 or higher.
  - **TAKS** Math scale score of 2200 and ELA scale score of 2200 with a 3 or better on the Writing

## FINANCIAL AID

Financial aid can make higher education at a college, university, or technical school more accessible. The basic types of student aid are grants, scholarships, loans, tuition exemptions, and work-study. Sources of financial assistance include the federal and state governments, local banks or credit unions, civic or church groups, student’s and parents’ employers or unions, and the college itself. When you request information from colleges, remember to ask for financial aid information, forms, and instructions. Some funds are limited and awarded on a first-come, first-serve basis, so apply early in your senior year. Pay attention to all published deadlines. Your best source of information is the financial aid office at the college you wish to attend.

### APPLYING FOR FEDERAL FINANCIAL AID

FAFSA (Free Application for Federal Student Aid) - All colleges will ask you to file a FAFSA if you are applying for financial aid. You must complete the FAFSA either online or a paper application as soon as possible after January 1<sup>st</sup> of your senior year. The student’s and parents’ income tax returns must be available when completing the FAFSA. Information from this form is used to determine eligibility for federal and state aid. You will need to work closely with the college financial aid office at the college you plan to attend.

To apply for federal financial aid, you must:

- Be a U.S. citizen, permanent resident or eligible non-citizen,
- Have a valid Social Security number,
- Register with the Selective Service, if required,
- Have a high school diploma or a GED, and
- Be enrolled or accepted as a regular student working toward a degree or certificate in an eligible program.

### SCHOLARSHIPS

The freshman year is the time to start preparing for the stiff competition for scholarships that students face in their senior year of high school. Involvement in extra-curricular activities, community activities, and volunteer work are of vital importance in the pursuit of scholarships. Preparation includes taking a rigorous foundation of academic courses. This will enable you to score higher on SAT and ACT exams by being better prepared. ACT/SAT exams should be taken in the spring of your junior year. SAT/ACT scores, class rank, grade point average (GPA), and involvement are key factors in scholarship competitions. Keep a detailed list of all your activities each year so you can refer to your list when you are a senior.

### TEXAS GRANT PROGRAM

Students graduating under the Recommended High School Program or the Distinguished Achievement Program may be eligible for the Texas Grant. Eligible students must complete the Free Application for Federal Student Aid (FAFSA) in early spring of their senior year to determine financial need. For information about the Texas Grant and other financial aid options, contact the Texas Financial Aid Information Center by visiting [www.CollegeForAllTexans.com](http://www.CollegeForAllTexans.com) or by calling 1-888-311-8881 (toll free).

## **EARLY ADMISSION PROGRAM**

Students may enroll in Tyler Junior College provided the following conditions are met:

- Obtain written approval of both your counselor and parent or guardian;
- Show evidence of actual enrollment in Tyler Junior College;
- Meet enrollment requirements at Tyler Junior College;
- Give written permission to Tyler Junior College to release attendance and grade reports to Tyler ISD.

## **NCAA COLLEGE – BOUND STUDENT ATHLETES**

If you are planning to enroll in college and participate in Division I or Division II athletics, you must be certified by the NCAA Initial – Eligibility Clearinghouse. Visit [www.ncaaclearinghouse.net](http://www.ncaaclearinghouse.net).

### **Academic Standards for Division I:**

1. Graduate from high school
2. Complete the 16 core courses
  - Four years of English
  - Three years of mathematics (algebra I or higher)
  - Two years of natural or physical science (including one year of lab science)
  - One extra year of English , mathematics or natural/physical science
  - Two years of social science
  - Four years of extra core courses (from any category above, or foreign language)
3. Present a minimum required grade-point average in your core courses
4. Achieve a combined SAT or ACT sum score that matches your GPA and test score index

### **Academic Standards for Division II 2005 and later:**

1. Graduate from high school
2. Complete the 14 core courses
  - Four years of English
  - Two years of mathematics (algebra I or higher)
  - Two years of natural or physical science (including one year of lab science)
  - One extra year of English , mathematics or natural/physical science
  - Two years of social science
  - Three years of extra core courses (from any category above, or foreign language)
3. Present a 2.000 grade-point average in core courses
4. Achieve a combined SAT score of 820 or a sum score of 68 on the ACT

# COUNSELORS' CORNER

## STUDENT TIMELINE FOR COLLEGE ADMISSION

### FROM THE BEGINNING OF FRESHMAN YEAR:

- Get to know your high school counselor
- Participate in school activities and organizations
- Look for opportunities for leadership and community service
- Attend College Night at TJC in November
- Start a student profile of activities and honors. Save it to a disk to be updated yearly
- Take challenging courses (Pre-AP/Pre-IB) for college preparation
- Study hard and keep grades high to earn the best possible class rank.

### SOPHOMORE YEAR

- Explore careers ([www.bridges.com](http://www.bridges.com)) and college majors with parents and mentors
- Explore college choices on the internet and visit campuses
- Become familiar with the materials and additional assistance available in the guidance office
- Prepare for SAT/ACT and college by taking the most rigorous courses you can handle
- Attend the College Fair at TJC in November
- Continue school activity involvement and volunteer work. Update student profile

### JUNIOR YEAR

- **FALL**
  - Take PSAT –NMSQT in October
  - Attend the College Fair at TJC in November
  - Visit with College Admission Representatives
  - Challenge yourself with rigorous courses
- **SPRING**
  - Take SAT I or ACT in spring semester (fee waivers are available for students with need and TISD pays for 1 test per student)
  - Take SAT Subject Tests in late spring or June if you are considering a school that requires them (Rice, UT, SMU, and other out of state schools-be sure to contact your college for requirements.)
  - Narrow college choices to a short list
  - Visit websites for admission information and deadlines
  - Continue to challenge yourself with Pre-AP/Pre-IB and AP/IB courses
  - Continue school activity involvement. Update student profile
  - Visit college campuses – take a tour
  - If planning to play college athletics, register with the NCAA Clearing House at the end of your junior year
  - Take AP/IB examinations for courses taken

### SENIOR YEAR

- **FALL**
  - Check admissions, housing and scholarship deadlines for schools still on your list (Many are as early as November)
  - Get organized. Mark your calendar with deadline alerts. Make files for each school and scholarship
  - Attend the College Fair at TJC in November
  - Take SAT or ACT again if necessary (to try for higher score) and SAT Subject Tests if needed
  - Make sure SAT/ACT/AP/IB scores and transcripts have been forwarded to colleges in which you have interest
  - Use the internet for scholarship search, plus college websites for campus scholarships
  - Prepare to do taxes early (FAFSA, the financial aid form, requires figures from completed tax return)
  - Update and fine-tune your student profile. Do not forget to include community service, volunteering, summer enrichment study/travel, and part-time work
- **SPRING**

- Complete and mail FAFSA (Federal financial aid form) as early as possible in February
- Attend Financial Aid Nights at area colleges or your high school
- Take THEA if you are attending a Texas public college or university if not TAKS, ACT or SAT exempt
- Wait for decisions from institutions. Make final decision and notify college of your choice
- Take AP/IB Exams for courses taken through year

### **COLLEGE ENTRANCE EXAMS - SAT/ACT**

All students should take an SAT or ACT in spring of junior year (best time) or as early as possible in senior year. Registration for the SAT or ACT can be done by mail, telephone (re-registration only) or online at SAT ([www.collegeboard.com](http://www.collegeboard.com)) or ACT ([www.act.org](http://www.act.org)). Mailed registrations must be postmarked by the deadline date. Forms for mail-in registration can be picked up in the counselors' office. SAT Reasoning Test and SAT Subject Test cannot be taken on the same test date. TISD pays for one test for each student during the junior or senior year.

### **APPLY TEXAS**

The "Apply Texas" Application for state colleges and universities is available online at [www.applytexas.org](http://www.applytexas.org). This is a common application used by all state colleges and universities.

### **TRANSCRIPTS**

Students can order transcripts from the Registrar's office for \$2.00 each. Please allow 48 hours to process transcripts from the registrar's office.

### **SCHOLARSHIPS**

The best sources of scholarship information are "The Senior Weekly", college websites and college recommended internet search engines. Check with each college to which you are applying to make sure you get their scholarship forms and meet their scholarship deadlines.

### **DEADLINE MEANS DEADLINE!**

College and scholarship applications will have ***deadlines that must be observed***. Students needing information or recommendations from counselors, teachers, or others must complete a student information sheet and present it to the recommender along with a stamped self-addressed envelope at least two weeks before the due date of any recommendation. Short notices do not allow enough time to prepare the best recommendation.

### **DUAL CREDIT**

- May high school students receive college credit? Yes. Under Texas law, qualified high school students may receive college credit, thereby reducing the time and attendance expense for their college education. The first way is through dual enrollment, and the second is advanced placement.
- What is the difference between the two?
  - "Dual credit" means that a high school student enrolls for a course, which is taught on the JT or REL campus or on a college campus, and may receive both high school and college credit for that one course or college credit only. Tuition and fees charged by the college are paid by the high school student. Classes are taught by college faculty or approved high school faculty.
  - "Advanced placement/college credit" means that a student enrolls in an AP or IB course taught in high school by a properly certified high school teacher, completes the course, and receives college credit only upon both satisfactory completion and acceptable scoring of an advanced placement or international baccalaureate examination from the College Board or the International Baccalaureate Organization and posting to an official transcript by an accredited college.
- Which students are "qualified" for dual credit for next year? High school students wishing to take a dual credit course must meet admission requirements for a public two-year college, with the exception of high school graduation. Students who will be seniors in high school must be THEA-exempt or THEA-passed in the subject area for the course in which they plan to enroll. Students who will be juniors in high school must be THEA-exempt or THEA-passed in all three subject areas, regardless of the subject area for the course in which they plan to enroll.
- Who Benefits? Dual credit is a win/win situation for both the student and the State. The student is saved the

expense of repeating courses in college which may be similar to those taken in high school. The State benefits by saving operating expenses for students attending college and taking courses similar to high school courses.

## COURSE SELECTION PROCESS

Students are encouraged to carefully study the graduation plan of their choice and to take courses that will meet the requirements of their graduation plan. Classes with fewer than fifteen (15) students may not be offered. Students should always select alternate choices. The District will make every effort to meet all course requests within the context of scheduling and teacher availability.

High school level courses are designed for students who are working at grade level. These courses are offered to meet the needs of students who plan to attend a university, college, community college, or technical school. In addition, the District offers specialized classes for English Language Learners, Advanced Studies, Career and Technical Education, and Special Education.

### Understanding the Course Listing

Courses are listed with the following structure:

SHORT DESCRIPTION	LONG DESCRIPTION	Credit: (the number of credits awarded)
Grade: (student must be enrolled in the following grades to register for the listed course) Prerequisite: (courses required in order to register for the listed course)		
Course Emphasis/Description		
• Emphasis 1		
• Emphasis 2		
• Emphasis 3		
• Etc.		

This is a sample course listing:

ENG1	ENGLISH 1
Grade: 9	Credit: 1
	Prerequisite: None
• writing skills - multi paragraph thesis development, grammar, punctuation, spelling, vocabulary	
• reading comprehension skills - figurative and literal language	
• literature (fiction/non-fiction) from a variety of genres and world authors	
• oral discussion skills	

### SCHEDULE CHANGES

Fall schedule changes are only allowed for errors and prerequisite requirements. *Elective choices made in the spring are final.* To solve schedule conflicts, *counselors may substitute* an alternate choice for an elective. Because of the potential affect on class size, counselors cannot accommodate teacher change requests, “change of mind” requests or lunch preferences. Necessary schedule changes (listed below) will be made ONLY during the first 2 weeks of school. Changes between pre-AP/AP courses and on-level courses will be made ONLY during the first 2 weeks of the second six weeks for semester 1 and ONLY during the first 2 weeks for semester 2. Schedule changes outside these parameters put students at risk of not completing courses on time. Students and parents are expected to be aware of deadlines and not to ask that exceptions be made.

Possible reasons for a schedule change:

- Student has already earned credit for the class in which he/she is enrolled
- The student has not met a prerequisite for the course
- ARD committee decision
- Work-based learning program students who do not have a job by the deadline

- Student has failed the course under the same teacher, and another teacher is available and there is no negative impact on class size

#### **GUIDELINES FOR DROPPING PRE-AP AND AP CLASSES**

Dropping from Pre-AP and AP classes will not be considered until the end of the first six weeks grading period. **Any approved schedule changes will only occur during the second six weeks.** Required documentation for requesting a level change includes the following:

- A grade of 74 or below
- Parent/teacher/student conference dates
- No fewer than five (5) tutorials
- Teacher approval
- All required signatures, including principal approval, must be on the form before presenting it to the counselor for the schedule change

Change request forms can be obtained in the counseling office. Students who have passed TAKS may be more successful in AP classes, so consider your course selections carefully.

#### **GUIDELINES FOR DROPPING Pre-IB AND IB CLASSES**

These guidelines may be found in the TISD IB Student and Parent Handbook or by contacting the IB Campus Coordinator.

## Local Pre-AP Program and Local Pre-IB Program Course Options

English	Foreign Lang.	Science	Social Studies	Mathematics	Arts/Electives	Technology	Performance Electives
Local Pre-IB	Local Pre-IB	Local Pre-IB	Local Pre-IB	Local Pre-IB	Local Pre-IB	Local	Local
Pre-IB English 1	Pre-IB Spanish 1-2-3 French 1-2	Pre-IB Biology Pre-IB Chemistry Pre-AP Physics	AP Human (World) Geography AP World History	Pre-IB-Algebra 1 Pre-IB- Algebra 2 Pre-IB-Geometry	Pre-IB Music Theory 1-2 Pre-IB Art 1-2	BCIS 1 BIMM (Prerequisite: BCIS1) Webmastering Pre-AP Computer Science	Band-Theater Orchestra Choir Soccer Football Basketball Golf Tennis Volleyball Baseball Track Swimming Pep Squad
English	Foreign Lang.	Science	Social Studies	Mathematics	Arts/Electives	Technology	Performance Electives
Local Pre-AP	Local Pre-AP	Local Pre-AP	Local Pre-AP	Local Pre-AP	Local Pre-AP	Local	Local
Pre-AP English 1 Pre-AP English 2	Pre-AP Spanish 1-2-3 French 1-2 German 2	Pre-AP Biology Pre-AP Chemistry Pre-AP Physics	PAP Human (World) Geography AP Human (World) Geography PAP World History AP World History	Pre-AP Algebra 1 Pre-AP Algebra 2 Pre-AP Geometry Pre-AP Pre-Calculus	Pre-AP Music Theory 1-2 Pre-AP Art 1-2	BCIS 1 BIMM (Prerequisite: BCIS1) Webmastering Pre-AP Computer Science	Band Orchestra Choir Theater Soccer Football Basketball Golf Tennis Volleyball Baseball Track Swimming Pep Squad

## AP Program and IB Programme Course Options (Some IB options may not be offered.)

IB English	IB Foreign L.	IB Science	IB Social Studies	IB Mathematics	IB Arts & Electives	IB Other	Performance Electives
IB English 3 (Two Year Course)	IB Span. 4 IB French 3 (Two year course sequences) Choose one 3-4 or 4-5 two yr. sequence	IB Chemistry 1 IB Biology 1 IB Physics 1 (Two year courses) Choose one	IB History of the Americas 1 (Two year course)	IB Math Studies 1 IB Mathematics Standard Level 1 IB Mathematics Higher Level 1 (Two year courses) Choose one	IB Psychology IB Music Theory IB ITGS 1 IB Computer Sci. 1 IB Art 1 (Two year courses) Choose one	IB Theory of Knowledge 1 (Two year course)	Band-Tennis Theater Orch-Soccer Choir-Golf Drill Team Foot-Basket-Volley-Basketball Track Swimming
IB English 4	IB Spanish 4 IB French 4 or IB Spanish 5	IB Chemistry 2 IB Biology 2 IB Physics 2	IB History 2 <i>World topics</i>	IB Math Studies 2 IB Mathematics Standard Level 2 IB Mathematics Higher Level 2	IB Psychology IB Music Theory IB ITGS 2 IB Computer Sci. 2 IB Art 2	IB Theory of Knowledge 2	Band-Tennis Theater Orch-Soccer Choir-Golf Drill Team Foot-Basket-Volley-Basketball Track Swimming
AP English	AP Foreign L.	AP Science	AP Social Studies	AP Mathematics	AP Arts & Electives	AP Other	Performance Electives
AP English 3 Language and Composition (One year course)	AP Spanish Language 4 AP French Language 4 (One year courses) (Choose one)	AP Chemistry AP Biology AP Physics B AP Physics C AP Environmental Science (One year courses) (Choose one)	AP US History AP World History (One year courses)	Pre-AP-Pre Calculus AP Calculus (AB) AP Calculus (BC) AP Statistics (One year courses) (Choose one)	AP Psychology AP Studio Art (Choose one area) • Drawing • 2D Design AP Comp. Science A (One year courses) (Choose one)	Any School Elective Including another AP course	Band-Tennis Orch-Soccer Choir-Golf Drill Team Theater Foot-Basket-Volley-Basketball Track Swimming Or AP course
AP English 4 Literature and Composition (One year course)	AP Spanish Literature 5 (One year courses)	AP Chemistry AP Biology AP Physics B AP Physics C AP Environmental Science (One year courses) (Choose one)	AP US Government & Politics AP Macroeconomics (One semester courses)	AP Calculus (AB) AP Calculus (BC) AP Statistics (One year courses) (Choose one)	AP Psychology AP Studio Art (Choose one area) • Drawing • 2D Design AP Comp. Science (Choose 1 one year course)	Any School Elective Including another AP course	Band-Tennis Orch-Soccer Choir-Golf Drill Team Theater Foot-Basket-Volley-Basketball Track Swimming Or AP course

# **ADVANCED PLACEMENT PROGRAM**

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Pre-AP Program  
Grades 9-12

Advanced Placement Program  
Grades 9-12

## INFORMATION AND GUIDELINES

**College Board Advanced Placement** (AP courses): The Advanced Placement (AP) Program is a cooperative between secondary schools, colleges, and universities. Advanced Placement courses must be authorized by a College Board audit in order for students to earn AP credit for taking AP courses. The AP Program offers students college-level material, along with rigor and challenge in a smaller, more personal atmosphere than college can provide. Students have an opportunity to show mastery of the material by taking an AP exam in the spring. Students are charged a fee for each AP exam they take. Reduced fees are available for students with identified need. Colleges and universities may grant credit, provide placement, or both based on varied levels of student AP Exam results.

**Pre-AP Program** (Pre-AP): Pre-AP is “developed locally. It is neither a prescribed set of courses nor a prescribed curriculum. It is [a group of] locally developed methods [skills and concepts taught] to determine student progress towards Advanced Placement standards.” It is not a requirement for students to have been identified for the TISD gifted/talented program in order to take Pre-AP or AP courses. Students should, however, be able to pass TAKS on the first test administration, be a strong B or C average student, be well disciplined in class, and be motivated to their own academic success.

**Some Pre-AP and AP classes require summer reading or summer assignments. Students should read the literary selections during the summer and be prepared for immediate tests, discussions, journals, and/or compositions during the first week of school.**

### Pre-AP English and AP English

Summer Reading assignments and directions may be accessed on the JT and REL Websites, under the AP and IB links. Additional copies may also be found in the main offices at JT and REL during the spring and summer.

### AP World History

Summer Reading assignments and directions may be accessed on the JT and REL Websites, under the AP link. Additional copies may also be found in the main offices at JT and REL during the spring and summer.

### AP and Pre-AP World Geography

Summer Reading assignments and directions may be accessed on the JT and REL Websites, under the AP link. Additional copies may also be found in the main offices at JT and REL during the spring and summer.

### Pre-AP Alg. 1 , Pre-AP Geometry, Pre-AP Alg. 2, Pre-AP Precalculus

Summer assignments and directions may be accessed on the JT and REL Websites, under the AP link. Additional copies may also be found in the main offices at JT and REL during the spring and summer.

It is the student’s responsibility to obtain the reading list, complete the reading, and be prepared for a written and multiple choice assessments and analysis of what he/she has read.

## PRE-AP AND AP COURSE LISTING

(See Foundation Curriculum Components Section for Detailed Course Descriptions)

### ENGLISH

#### ENGLISH PAP

Grade: 9	Credit: 1	Prerequisite: passed PAP 8 <sup>th</sup> English or grade 80+ in 8 <sup>th</sup> English; passed TAKS Writing/Reading in 8 <sup>th</sup> grade
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#### ENGLISH 2 PAP

Grade: 10	Credit: 1	Prerequisite: passed PAP English 1 or grade 80+ in English 1; passed TAKS Reading in 9 <sup>th</sup> grade
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#### ENGLISH LANGUAGE AND COMPOSITION 3 AP

Grade: 11	Credit: 1	Prerequisite: passed PAP English 2 or grade 80+ in English 2; passed TAKS Reading/Writing in 10 <sup>th</sup> grade
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#### LITERATURE AND COMPOSITION 4 AP

Grade: 12	Credit: 1	Prerequisite: passed AP English 3 or grade 80+ in English 3; passed TAKS Reading in 10 <sup>th</sup> grade
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## MATHEMATICS

### ALGEBRA 1 PAP

Grade: 9-12

Credit: 1

Prerequisite: passed PAP math in previous grade or 80+ in 8<sup>th</sup> gr math; passed previous TAKS Math test

### GEOMETRY PAP

Grade: 9-12

Credit: 1

Prerequisite: passed PAP Alg 1 or grade 80+ in Alg 1; passed previous TAKS Math test

### ALGEBRA 2 PAP

Grade: 10-12

Credit: 1

Prerequisite: passed PAP Geo or grade 80+ in Geo; passed previous TAKS Math test

### PRE CALCULUS PAP

Grade: 11-12

Credit: 1

Prerequisite: passed PAP Alg 2 or grade 80+ in Alg 2; passed previous TAKS Math test

### CALCULUS AB AP

Grade: 11-12

Credit: 1

Prerequisite: passed PAP Pre-Calc or grade 80+ in Pre-Calc; passed previous TAKS Math test

### CALCULUS BC AP

Grade: 11-12

Credit: 1

Pre-requisite: passed PAP Pre-Calc or grade 80+ in Pre-Calc; passed previous TAKS Math test

### STATISTICS AP

Grade: 11-12

Credit: 1

Prerequisite: passed Pre-calculus; passed previous TAKS Math test

## SCIENCE

### BIOLOGY PAP

Grade: 9-12

Credit: 1

Prerequisite: passed PAP 8<sup>th</sup> science or 80+ in 8<sup>th</sup> science; passed previous science TAKS test

### CHEMISTRY PAP

Grade: 10-12

Credit: 1

Prerequisite: passed Alg 1 and PAP Bio; Strongly recommend - completion of geometry

### PHYSICS PAP

Grade: 11-12

Credit: 1

Prerequisite: passed Alg 2 and passed PAP Chem or 80+ in Chem; passed previous science TAKS test

### PHYSICS B AP

Grade: 12

Credit 1

Prerequisite: passed Physics or PAP Physics; passed previous science TAKS test

### PHYSICS C AP

Grade: 12

Credit: ½ each semester

Prerequisite: passed Physics or PAP physics; Calculus (may be taken concurrently)

### BIOLOGY AP

Grade: 11-12

Credit: 1

Prerequisite: passed Bio & Chem (Pre AP Bio and Chem recommended)

### CHEMISTRY AP

Grade: 11-12

Credit: 1

Prerequisite: passed Chem (Pre-AP Chemistry recommended)

### ENVIRONMENTAL SCIENCE AP

Grade: 11-12

Credit: 1

Prerequisite: Successful completion of 2 years of math, Biology and IPC, or Concurrent enrollment in Chemistry or Biology, Physics or concurrent enrollment in Physics

## SOCIAL STUDIES

### WORLD GEOGRAPHY PAP

Grade: 9

Credit: 1

Prerequisite: passed 8<sup>th</sup> PAP Soc. St. or 80+ in 8<sup>th</sup> Soc. St.; passed previous Soc St TAKS test

### WORLD HISTORY PAP

Grade: 10

Credit: 1

Prerequisite: passed PAP or AP world geo or 80+ in world geo; passed previous Soc St TAKS test

### HUMAN (World) GEOGRAPHY AP

Grade: 9-12

Credit: 1

Prerequisite: passed 8<sup>th</sup> PAP Soc. St. or 80+ in 8<sup>th</sup> Soc. St.; passed previous Soc St TAKS test

### WORLD HISTORY AP

Grade: 10-12

Credit: 1

Prerequisite: passed PAP or AP world geo or 80+ in world geo; passed previous Soc St TAKS test

### US HISTORY AP

Grade: 11-12

Credit: 1

Prerequisite: passed PAP or AP world geo or 80+ in world geo; passed previous Soc St TAKS test

### PSYCHOLOGY AP

Grade: 11-12

Credit: ½

Prerequisite: Advanced Health

### US GOVERNMENT AND POLITICS AP

Grade: 12

Credit: ½

Prerequisite: passed AP US History or 80+ in US History; passed previous Soc St. TAKS test

**MACROECONOMICS AP**

Grade: 12	Credit: ½	Prerequisite: AP US History or 80+ in US History; passed previous Soc St. TAKS test
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**FOREIGN LANGUAGES****SPANISH 1-2 PAP**

Grade: 9-12	Credit: 1	Prerequisite: None
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**SPANISH 3 PAP**

Grade: 9-12	Credit: 1	Prerequisite: passed Spanish 1-2 or competency
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**SPANISH LANGUAGE AND COMPOSITION 4 AP**

Grade: 10-12	Credit: 1	Prerequisite: passed Spanish 1-3
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**SPANISH LITERATURE AND COMPOSITION 5 AP**

Grade: 11-12	Credit: 1	Prerequisite: passed Spanish 1-4
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**FRENCH 1-2 PAP**

Grade: 9-12	Credit: 1	Prerequisite: None
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**FRENCH 3 PAP**

Grade: 10-12	Credit: 1	Prerequisite: passed French 1-2 or competency
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**FRENCH LANGUAGE, CONVERSATION, AND COMPOSITION 4 AP**

Grade: 11-12	Credit: 1-2	Prerequisite: passed French 1-3
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**GERMAN 1-2 PAP**

Grade: 9-12	Credit: 1	Prerequisite: None
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**GERMAN 3 PAP**

Grade: 10-12	Credit: 1	Prerequisite: passed German 1 – 2 or competency
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**GERMAN 4 PAP**

Grade: 10-12	Credit: 1	Prerequisite: passed German 1-3
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**FINE ARTS****ART 1 PAP**

Grade: 9-12	Credit: 1	Prerequisite: None
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**STUDIO ART Drawing AP**

Grade: 11-12	Credit: 1	Prerequisite: Art I, any Art II class
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**STUDIO ART 2D Design Portfolio AP**

Grade: 11-12	Credit: 1	Prerequisite: Art I, any Art II class
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**TECHNOLOGY****COMPUTER SCIENCE PAP**

Grade: 9-12	Credit: 1	Prerequisite: Keyboarding proficiency or credit, Algebra I
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**COMPUTER SCIENCE AP**

Grade: 11-12	Credit: 1	Prerequisite: PAP Computer Science
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# **INTERNATIONAL BACCALAUREATE PROGRAMME**

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Pre-IB Programme  
Grades 9-10

IB Diploma Programme  
Grades 11-12

## INFORMATION AND GUIDLINES

**The IB Diploma Programme (IBD):** The IB Diploma Programme is a holistic program that is evaluated, authorized, and offered at a school only by the International Baccalaureate Organization. As a Diploma Programme, it must be taken in its entirety in grades 11 and 12. The IB curriculum is specified by the International Baccalaureate Organization and provides students with material and experiences that are both challenging and rigorous, as well as at college level. Student and program evaluation is both internal and external.

**Pre-IB Programme (PIB):** The Pre-IB Programme is also a holistic program designed to establish a foundation for the rigorous, challenging, holistic work load in the IB Diploma Programme. The Pre-IB Programme is “developed locally. It is neither a prescribed set of courses nor a prescribed curriculum. It is [a group of] locally developed methods [skills and concepts taught] to determine student progress towards International Baccalaureate standards.” It is not a requirement for students to be identified for the TISD gifted/talented program in order to take Pre-IB or IB Diploma courses. They must, however, go through a screening process in order to determine success oriented characteristics and academics. Students who have qualified and been accepted for this advanced studies programme make a commitment for one year when they submit the acceptance letter. The school district allocates time, personnel, funds, and multiple resources in order to meet the students’ academic needs; therefore, it becomes impossible to budget and plan if students arbitrarily exit the program.

In addition, research confirms to parents and educators that following through with a commitment to high standards, even when difficult, gives students an advantage when they enter higher education after high school. Therefore, any student/parent request for exit will be taken into consideration **only** for extenuating circumstances and will be reviewed as outlined in the TISD IB Student and Parent Handbook. (Failure to complete assignments is not an extenuating circumstance.)

### **IB Probation Policy**

Academic expectations and grade standards are high in the International Baccalaureate Programmes. Homework is frequent but appropriate, and students are expected to demonstrate self-discipline and good study habits. In addition, students are expected to work hard and strive for improvement in their classes.

In order to be successful in the IB programme, students must maintain at least a 70 average in all classes; S’s in conduct; and have no discipline referrals.

Students will be placed on probation for the following reasons: earning an F (below 70) in any subject area; receiving a U in conduct; receiving N’s in conduct; and/or receiving discipline referrals. (The IB Coordinator, the school principal, and the Director of Advanced Studies make final decisions relating to placement, exit, and probation in the IB Programme.)

### **Academic Probation**

Students will be given a 6-week probationary period to improve their grade in the subject area in which they are failing. See TISD IB Student and Parent Handbook, Policies and Procedures section for details.

### **Behavioral Probation**

See TISD IB Student and Parent Handbook, Policies and Procedures section for details.

Receiving a “U” in conduct for any two grading periods will result in the student being removed from the programme. Students are expected to contribute positively to the class atmosphere and shall not become a distraction to other students. Therefore, students may not under any circumstances receive U’s in conduct in two grading periods, regardless of the classes in which they are received.

Students receiving excessive N’s in conduct may be removed from the programme. Multiple N’s in conduct (6 or more) constitute a pattern of poor behavior.

Students receiving 3 discipline referrals will be considered behavioral problems and will be removed from the program (i.e. “three strikes you are out.”) Students committing serious offenses may be automatically removed from the programme.

## IB Exam Policy

Students enrolled in IB courses are required to sit for the IB examination in each subject area. The registration fees & examination costs are the sole responsibility of the student and/or parent. Failure to register and make payment for IB examinations prior to November 1 of each year will result in the student being immediately removed from the IB Diploma program. Students with financial need [as determined by the TISD Free & Reduced Price Meals] receive exams at a substantially reduced cost. Students must have obtained Free & Reduced status prior to signing up for examinations. Registration fees are not reduced.

## **Community, Action and Service (CAS)**

Grades 9 and 10: PRE-IB students are required to accumulate 25 hours of community, action, and service (CAS) hours with an approved community service organization each year, following guidelines established in the TISD IB Student and Parent Handbook.

**Some Pre-IB and IB classes require summer assignments. Students should read literary selections during the summer and be prepared for immediate tests, discussions, journals, and/or compositions during the first week of school.**

## Pre-IB English and IB English

Summer Reading assignments and directions may be accessed on the REL Websites, under the AP and IB links. Additional copies may also be found in the main offices at REL during the spring and summer.

## AP World (Human) Geography

Summer Reading assignments and directions may be accessed on the REL Websites, under the AP and IB links. Additional copies may also be found in the main offices at REL during the spring and summer.

## AP World History

Summer Reading assignments and directions may be accessed on the REL Websites, under the IB links. Additional copies may also be found in the main offices at REL during the spring and summer.

## Pre-IB Alg 1, Geometry, and Alg 2

Summer assignments and directions may be accessed on the REL Websites, under the AP and IB links. Additional copies may also be found in the main offices at REL during the spring and summer.

**Students are responsible for obtaining the lists, reading the material, and being prepared for immediate assessment and evaluation of the reading when school begins.**

## **PRE-IB COURSE LISTING**

It is a prerequisite for all Pre-IB students to make application and be approved for the Program.

### **Academic Disciplines: The Subject Groups**

#### **Group 1: Language A**

<b>ENGLISH 1 PIB</b>	<b>PRE-IB English 1</b>	<b>Grade 9</b>	<b>Credit: 1</b>
<b>ENGLISH 2 PIB</b>	<b>PRE-IB English 2</b>	<b>Grade 10</b>	<b>Credit: 1</b>

#### **Group 2: Language B**

<b>SPANISH 1 PIB</b>	<b>PRE-IB Spanish 1</b>	<b>Grade 9 or 10</b>	<b>Credit: 1</b>
<b>SPANISH 2 PIB</b>	<b>PRE-IB Spanish 2</b>	<b>Grade 9 or 10</b>	<b>Credit: 1</b>
<b>SPANISH 3 PIB</b>	<b>PRE-IB Spanish 3</b>	<b>Grade 10 or 11</b>	<b>Credit: 1</b>

<b>FRENCH 1 PIB</b>	<b>PRE-IB French 1</b>	<b>Grade 9 or 10</b>	<b>Credit: 1</b>
<b>FRENCH 2 PIB</b>	<b>PRE-IB French 2</b>	<b>Grade 9 or 10</b>	<b>Credit: 1</b>

Prerequisite: Languages must be taken in order 1-2-3-4-5; Pre-IB language entry level may be determined by language proficiency

**Group 3: Humanities (To offer students the possibility of additional college credit, AP is taken in Humanities at Grades 9/10.**

<b>HUMAN (WORLD) GEOGRAPHY AP</b>	<b>HUMAN (WORLD) Geography AP</b>	<b>Grade 9</b>	<b>Credit: 1</b>
<b>WORLD HISTORY AP</b>	<b>WORLD History AP</b>	<b>Grade 10</b>	<b>Credit: 1</b>

**Group 4: Science**

<b>BIOLOGY PIB</b>	<b>PRE-IB Biology</b>	<b>Grade 9</b>	<b>Credit: 1</b>
▪ <b>Satisfies Health requirement for graduation</b>			
<b>PHYSICS PIB</b>	<b>PRE-IB Physics</b>	<b>Grade 10</b>	<b>Credit: 1</b>

**Group 5: Mathematics**

<b>ALGEBRA 1 PIB</b>	<b>PRE-IB Algebra 1</b>	<b>Grade 9</b>	<b>Credit: 1</b>
<b>ALGEBRA 2 PIB</b>	<b>PRE-IB Algebra 2</b>	<b>Grade 9 or 10</b>	<b>Credit: 1</b>
Prerequisite: Geometry			
<b>GEOMETRY PIB</b>	<b>PRE-IB Geometry</b>	<b>Grade 9 or 10</b>	<b>Credit: 1</b>
Prerequisite: Algebra 1			

**Group 6: Visual or Performing Art**

<b>ART 1 PIB</b>	<b>PRE-IB Art 1</b>	<b>Grades 9-10</b>	<b>Credit: 1</b>
<b>ART 2 PIB</b>	<b>PRE-IB Art 2</b>	<b>Grade 10</b>	<b>Credit: 1</b>
Prerequisite: Art 1	PRE-IB		

**THE FOLLOWING COURSES MAY BE TAKEN AS FINE ART ELECTIVES. (See descriptions and course titles in the Foundation Curriculum Components section of this guide.)**

**CHOIR**

<b>Choir Bass 1-4</b>	<b>Grades 9-10</b>	<b>Credit: 1 each year</b>
<b>Choir Treble 1-4</b>		
<b>Choir 1-4</b>		

**BAND**

<b>Orchestra</b>	<b>Grades 9-12</b>	<b>Credit: 1 each year</b>
<b>Concert Band</b>	<b>Grade 9</b>	<b>Credit: 1 each year</b>
Prerequisite: Recommendation by band director and audition		
<b>Wind Ensemble</b>	<b>Grades 9-10</b>	<b>Credit: 1 each year</b>

**Group 7: Technology**

**BCIS, BIMM, Webmastering, or IB Computer Science must be taken to meet state graduation requirements for technology.**

<b>BCIS1</b>	<b>BCIS 1</b>	<b>Grades 9 or 10</b>	<b>Credit: 1</b>
Business Communication Information Systems			
Prerequisite: Keyboarding proficiency or credit			

<b>BIMM</b>	<b>BIMM</b>	<b>Grade 10</b>	<b>Credit: 1</b>
Business Image Management and Multimedia			
Prerequisite: BCIS 1			
(college equivalent: Intro to Computer Graphics)			

<b>WEBMASTERING</b>	<b>Webmastering</b>	<b>Grade 10</b>	<b>Credit: 1</b>
Prerequisite: Keyboarding proficiency or credit, Algebra 1			

## IB COURSE LISTING

It is a prerequisite for all IB Diploma Programme students to make application and be approved for the Programme.

The IB Diploma Programme (IBD) is a demanding college-level course of studies that leads to internal and external assessments and examinations. The courses are college level and offer students the opportunity to place out of and/or receive advanced standing at a university. It is to meet the needs of highly motivated secondary school students. It is a comprehensive two-year curriculum.

Students in IB share an academic experience that will emphasize critical thinking, intercultural understanding, and exposure to a variety of points of view. The intent is that the students learn how to learn, how to analyze, how to reach considered conclusions about people, their language, and literature, their ways in society, and the scientific forces of the environment.

IBD is a holistic program requiring students to be full diploma candidates. The IB Diploma Programme requires each student to take a subject from each of the 6 Groups studies: Language A, Language B, Individuals & Societies, Experimental Science, Mathematics, Art/Elective.

In addition to the 6 academic courses, the IBO requires students to take the Theory of Knowledge course, complete an extended essay, and accumulate a minimum of **75 CAS hours the 11<sup>th</sup> grade year and 75 CAS hours the 12<sup>th</sup> grade year for a total of 150 CAS hours throughout the 11th and 12th grade years.**

**Effective September 1, 2005, Senate Bill 111 requires that all Texas public institutions of higher education must grant an entering freshman at least 24 semester credit hours or equivalent course credit in appropriate core subject areas for successful completion of the International Baccalaureate Diploma Program with scores of 4 or higher on each exam. If the full exam is not earned, universities will grant individual credits based on the exam scores on individual exams.**

- ◆ **Students enrolled in IB courses are required to sit for the IB examination in each subject area. The registration fees & examination costs are the sole responsibility of the student and/or parent.** Failure to register and make payment for IB examinations prior to November 1 of each year will result in the student being *immediately* removed from the IB Diploma program. Students with financial need [as determined by the TISD Free & Reduced Price Meals] receive exams at a substantially reduced cost. The Free & Reduced status must be acquired prior to examination registration. Registration fees are not reduced.

### **Choices for the 6 Academic Disciplines:**

These academic groups are studied concurrently, and students are required to select one subject from each of the six groups. At least three but not more than four are taken at higher level (HL), while the others are standard level (SL). HL courses represent a minimum of 240 teaching hours (2 years--such as Biology 2 & 3 for the Biology HL Examination), some SL courses cover 150 hours (1 year--such as Psychology to sit for the Psychology SL exam). Students are thus able to explore some subjects in depth and others more broadly, a deliberate compromise between the early specialization of some national systems and the breadth found in others. The science-oriented student is challenged to learn a foreign language, and the natural linguist becomes familiar with laboratory procedures.

#### **Group 1: Language A**

Through Language A very good writing and oral skills and respect for the literary heritage of the student's first language are complemented by the international perspective given through world literature studies. Students are introduced to literature from a variety of periods, themes, and styles. Students refine their writing skills, speaking and analysis, and learn techniques of literary criticism. The courses help students maintain strong ties to their own cultures while giving them an international perspective through the study of literature from around the world.

**ENGLISH – two-year IB course**

#### **ENGLISH 3 IB**

Prerequisite: advanced studies English 2

**Grade 11**

**Credit: 1**

#### **ENGLISH 4 IB (Year Two)**

Prerequisite: IB English 3

**Grade 12**

**Credit: 1**

#### **Group 2: Language B**

The principal aim for the subjects in Group 2 is to enable students to use the language in a range of contexts and for many purposes; the courses focus on written and spoken communication

<b>SPANISH 1-2 OR 2-3 PIB</b> <b>IB Diploma Spanish-two year IB course</b>	<b>Grades 9-10</b>	<b>Credit: 1 each year</b>
<b>SPANISH 1 IBD</b>	<b>Grades 11-12</b>	<b>Credit: 1</b>
<b>SPANISH 2 IBD</b>	<b>Grades 11-12</b>	<b>Credit: 1</b>
<b>FRENCH1-2 or 2- 3 PIB</b> <b>IB Diploma French-two year IB course</b>	<b>Grades 9-10</b>	<b>Credit: 1 each year</b>
<b>FRENCH 1 IBD</b>	<b>Grades 11-12</b>	<b>Credit: 1</b>
<b>FRENCH 2 IBD</b>	<b>Grades 11-12</b>	<b>Credit: 1</b>

Prerequisite: Languages must be taken in sequential order.

### **Group 3: Individuals & Societies**

During the 11<sup>th</sup> grade year, the study will focus on regional topics of the Americas (American history), the 12<sup>th</sup> grade year will study 20<sup>th</sup> century world topics. By studying human experiences and behaviors, as well as economics and social environments and institutions, students gain an appreciation of diverse perspectives and values. They learn to analyze concepts and theories and to use quantitative and qualitative methods of data collections and analysis.

#### **IB Diploma History – two-year IB course**

<b>HISTORY OF THE AMERICAS 1 IBD</b>	<b>Grade 11</b>	<b>Credit: 1</b>
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Prerequisite: AP Human (World) Geography & AP World History

- **History of the Americas- satisfies the US History graduation requirement.**

<b>HISTORY OF THE AMERICAS 2 IBD</b> <b>(Year Two)</b>	<b>Grade 12</b>	<b>Credit: 1</b>
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Prerequisite: History of the Americas 1IB

### **Group 4: Experimental Science**

All experimental sciences require laboratory or a practical work component. Practical laboratory skills are developed, and collaborative learning is encouraged through an interdisciplinary group project. Students develop an awareness of moral and ethical issues, and a sense of social responsibility is fostered by examining local and global issues. Students become familiar with the body of knowledge, methods, and techniques that characterize science and technology and learn advanced laboratory skills.

#### **IB Diploma Biology– two-year IB course**

<b>BIOLOGY 1 IBD</b>	<b>Grade 11</b>	<b>Credit: 1</b>
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Prerequisite: Biology and Physics – PRE-IB or advanced studies levels

<b>BIOLOGY 2 IBD</b> <b>(Year Two)</b>	<b>Grade 11</b>	<b>Credit: 1</b>
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Prerequisite: IBD Biology 1

#### **IB Diploma Chemistry– two-year IB course**

<b>CHEMISTRY 1 IBD</b>	<b>Grade 11</b>	<b>Credit: 1</b>
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Prerequisite: Chemistry and Biology, Physics Pre-IB or advanced studies levels

<b>CHEMISTRY 2 IBD</b> <b>(Year Two)</b>	<b>Grade 12</b>	<b>Credit: 1</b>
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Prerequisite: IB Chemistry 1

### **Group 5: Mathematics – two year courses**

Two options are available to cater to the different abilities and levels of student interest. Each course aims to deepen a student’s understanding of mathematics as a discipline and to promote confidence and facility in the use of mathematical language. The courses provide students with mathematics knowledge and principles. They help students develop logical and creative thinking in mathematics and to use abstractions and generalizations to reach conclusions.

#### **Math Studies Standard Level– two-year IBD course**

<b>MATH STUDIES SL 1 IBD</b>	<b>Grade 11</b>	<b>Credit: 1</b>
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Prerequisite: Algebra 1 & 2, Geometry PRE-IB

**MATH STUDIES SL 2** **Grade 12** **Credit: 1**  
**IBD Year Two**  
 Prerequisite: IB Math Studies 1

**Mathematics Standard Level– two-year IB course**  
**MATHEMATICS SL 1 IBD** **Grade 11** **Credit: 1**  
 Prerequisite: Algebra 1 & 2, Geometry, PRE-IB Approval and Acceptance  
**MATHEMATICS SL 2** **Grade 12** **Credit: 1**  
**IBD Year Two**  
 Prerequisite: IB Mathematics 1

**Mathematics Higher Level– two-year IB course**  
**MATHEMATICS HL 1 IBD** **Grade 11** **Credit: 1**  
 Prerequisite: IB Coordinator Approval and Acceptance  
**MATHEMATICS HL 2** **Grade 12** **Credit: 1**  
**IBD Year Two**  
 Prerequisite: IB Mathematics 1

**Group 6 Electives or a second subject from Group 3, 4 or 5**

This includes visual arts, music, with emphasis placed on practical production by the student and exploration of a range of creative work in a global context.

**Art– two-year IBD course**

**ART 3-4 IBD** **Grade 11 -12** **Credits: 1 each year**  
 Prerequisite: Art 2 PRE-IB

**Computer Science– two-year IB course**

**COMPUTER SCIENCE** **Grades 11 & 12** **Credits: 1 each year**  
**IBD 1-2**

(Group 6 - alternative choice from Group 5)

**Information Tech. in a Global Society**  
**INFTECHGS IBD 1** **Grades 11 or 12** **Credits: 1**

(Group 6 - alternative choice from Group 3)

**Robert E. Lee is on an 8 period block schedule. Subject 8 may be selected from other courses available that must be taken for program requirements, state requirements, or student interest if a block is open on the student schedule. Students are responsible for taking state required courses not provided in IB such as government and economics.**

In addition to the 6 group choices, students must complete:

**Theory of Knowledge– two-year IB course**

**THEORY OF KNOWLEDGE 1-2 IBD** **Grade 11-12** **Credits: 1 each year**

**(THEORY OF KNOWLEDGE 2 IBD Year Two)** \*Satisfies speech, government and economics graduation requirement; government and economics credit determined by current teacher credentials.

**ADDITIONAL IB DIPLOMA REQUIREMENTS**

**An extended essay of 4,000 words** (to be completed by December of the Senior year)

Each student undertakes an independent and original research and writes an essay of some 4000 words. The project offers the opportunity to investigate a topic of special interest and acquaints students with the kind of independent research and writing skills expected by universities. The essay may be written in one of 60 subjects, including many languages; they may request a topic not listed. The experience and skills gained in carrying out independent research and producing a structured, substantial piece of writing provide excellent preparation for research at university level.

**Creativity, Action, Service (CAS) (to be completed by January of the senior year)**

The IB's goal is to educate the whole person and foster responsible, compassionate citizens. The CAS program encourages participation in artistic and cultural activities, sports, theatre productions, musical productions, community service activities, or other activities outside the world of academic scholarship. CAS is designed to allow young people to share their energies and special talents while developing awareness, concern, and the ability to work cooperatively with others. Students should, through these activities, develop greater awareness of themselves, concern for others, and the ability to work cooperatively with other people. The completion of at least 150 CAS hours is required for the awarding of the International Baccalaureate Diploma.

**IB EXAMS**

**Students enrolled in IB courses are required to sit for the IB examination in each subject area. The registration fees & examination costs are the sole responsibility of the student and/or parent. Failure to register and make payment for IB examinations prior to November 1 of each year will result in the student being immediately removed from the IB Diploma program.**

# Foundation Curriculum Components

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Based on assessment data, students may be placed in an academic support class to ensure they pass TAKS and graduate .

# English as a Second Language (ESL)

All students who register in this school district will complete a home language survey. If this survey indicates that a language other than English is spoken in the home or is spoken by the student most of the time, the student must be referred to the campus ESL coordinator and secondary cognitive coach for evaluation. Tests will be administered, and students who are found to be English language learners (ELL) may enroll in Speakers of other Languages (SOL) classes. SOL classes are based on a carefully sequenced second language program which addresses beginning to advanced skill levels of listening, speaking, reading, and writing. Sheltered content area classes integrate language acquisition and specific content subject matter. The use of ELL strategies provides the opportunity for second language learners to become proficient in English and to apply these competencies within a wide range of social and academic contexts.

Language Proficiency Assessment Committees (LPAC) should determine appropriate schedule placements for students identified with second language (ELL) needs.

## **ENG1 SOL**

Grade: 9

Credit: 1

• the same components and TEKS as English I

• may be used to fulfill English I graduation requirements for students of limited English proficiency as recommended by LPAC

## **ENGLISH 1 SOL**

Prerequisite: LPAC Placement

## **ENG2 SOL**

Grade: 10

Credit: 1

• the same components and TEKS as English II

• may be used to fulfill English II graduation requirements for students of limited English proficiency as recommended by LPAC

## **ENGLISH 2 SOL**

Prerequisite: LPAC Placement

## **ENG1 SI**

Grade: 9

Credit: 1

• writing skills - multi paragraph thesis development, grammar, punctuation, spelling, vocabulary

• reading comprehension skills - figurative and literal language

• literature (fiction/non-fiction) from a variety of genres and world authors

• oral discussion skills

## **ENGLISH 1 SHELTERED INSTRUCTION**

Prerequisite: LPAC Placement

## **ENG2 SI**

Grade: 10

Credit: 1

• a wide range of elements of effective writing skills

• reading comprehension skills-figurative and literal language, inference, summary

• literature (fiction/non-fiction) from a variety of world authors, oral discussion skills

## **ENGLISH 2 SHELTERED INSTRUCTION**

Prerequisite: LPAC Placement

## **ENG3 SI**

Grade: 11

Credit: 1

• independent study, reading, and writing

• oral discussion skills

• a high level of reading comprehension, critical thinking and analytic skills

• stylistic maturity in writing skills

• American literature from the Puritan era to the present

## **ENGLISH 3 SHELTERED INSTRUCTION**

Prerequisite: LPAC Placement

## **ENG4 SI**

Grade: 12

Credit: 1

• independent study, reading, and writing

• oral discussion skills

• a high level of reading comprehension, critical thinking and analytic skills

• stylistic maturity in writing skills

• British/World literature (fiction/non-fiction)

## **ENGLISH 4 SHELTERED INSTRUCTION**

Prerequisite: LPAC Placement

## **WRTPRC SOL**

Grade: 10-12

• academic support for advanced SOL students as recommended by LPAC

• basic principles of creative writing through analyzing literary examples

• the use of figurative language and literary devices

• incorporating structure into writing by using proportion, contrast, suspense, and repetition

• writing from various points of view

• producing original work in several genres using observation, imagery, and journals as sources

• serves as SOL support course for students taking Eng2 in grade 10

## **PRACTICAL WRITING SOL**

Prerequisite: LPAC Placement

**READ1 Y SI**

Grade: 9-12 Credit: 1

- reading and writing skills for development and refinement
- extensive vocabulary development utilizing reading, writing and speaking practice
- TAKS preparation
- content study skills practiced

**READING1 SHELTERED INSTRUCTION**

Prerequisite: LPAC Placement

**READ2 Y SI**

Grade: 9-12 Credit: 1

- reading and writing skills for development and refinement
- extensive vocabulary development utilizing reading, writing and speaking practice
- TAKS preparation
- content study skills practiced

**READING2 SHELTERED INSTRUCTION**

Prerequisite: LPAC Placement

**ALG1 SI/SOL**

Grade: 9-12 Credit: 1

- the development of the real number system
- the base for higher level mathematics

**ALGEBRA1 SHELTERED INSTRUCTION**

Prerequisite: LPAC Placement

**GEOM SI/SOL**

Grade: 9-12 Credit: 1

- basic structure of geometry, geometric figures, concepts, formal proofs and deductive reasoning
- the use of algebraic skills in problem solving
- properties of parallel lines and planes, angle relationships, and polygonal regions

**GEOMETRY SHELTERED INSTRUCTION**

Prerequisite: Algebra 1 and LPAC Placement

**BIO SI/SOL**

Grade: 9-12 Credit: 1

- ecological relationships between living things and their environments
- cells as the structural and functional units of life
- genetic concepts
- a survey of living kingdoms
- laboratory tools and techniques

**BIOLOGY SHELTERED INSTRUCTION**

Prerequisite: LPAC Placement

**IPC SI/SOL**

Grade: 10-12 Credit: 1

- use of the scientific method and metric system in performing labs
- organization and characteristics of elements within the periodic table
- development of chemical equations which represent four major types of chemical reactions
- principles and relationships among force, mass, weight acceleration, momentum, speed, pressure, area and energy
- waves, sound, light, electricity, magnetism, heat

**INTEGR PHYSICS/CHEMISTRY SHELTERED INSTRUCTION**

Prerequisite: LPAC Placement

**CHEM SI/SOL**

Grade: 10-12 Credit: 1

- the study of the composition and changes of matter
- practical lab experiences
- college preparation skills

**CHEMISTRY SHELTERED INSTRUCTION**

Prerequisite: LPAC Placement

**WGEO SI/SOL**

Grade: 9-11 Credit: 1

- the nature of physical and cultural geography
- the human interaction to their physical environments in major regions and settings

**WORLD GEOGRAPHY SHELTERED INSTRUCTION**

Prerequisite: LPAC Placement

**WHIST SI/SOL**

Grade: 10-12 Credit: 1

- the global study of man's achievements from the beginning of written record to the present
- cultural patterns that have arisen as a result of the interrelation of geographic, social, economic, and political factors

**WORLD HISTORY SHELTERED INSTRUCTION**

Prerequisite: LPAC Placement

**USHIST SI/SOL**

Grade: 11-12 Credit: 1

- a study of U.S. History from 1865 to present
- a rich heritage of American experience
- patriotism and involvement in U. S. history

**UNITED STATES HISTORY SHELTERED INSTRUCTION**

Prerequisite: LPAC Placement

# English Language Arts

(4 credits required)

## Summer Reading List

*The Pre-AP/Pre-IB and AP/IB English classes require summer reading. Students should read the literary selections during the summer and be prepared for discussion, journals, tests, and/or compositions during the first week of school. Assignments for each campus may be accessed on the campus websites and at the main offices at each campus during the spring and summer.*

### ENG1

Grade: 9

Credit: 1

### ENGLISH 1

Prerequisite: None

- writing skills - multi paragraph thesis development, grammar, punctuation, spelling, vocabulary
- reading comprehension skills - figurative and literal language
- literature (fiction/non-fiction) from a variety of genres and world authors
- oral discussion skills

### ENG1 PAP

Grade: 9

Credit: 1

### ENGLISH 1 PAP

Prerequisite: passed 8<sup>th</sup> PAP Eng or 80+ in 8<sup>th</sup> Eng; passed previous ELA TAKS test

- preparation to enter the 11th, 12th grade AP English Program (college level courses)
- oral discussion skills, critical thinking skills
- analytic skills-interpreting a variety of world literature (fiction/non-fiction) for literary devices, rhetorical purpose and genre characteristics
- composition skills-documented essays using primary and secondary sources, complex sentence structure, mechanics, vocabulary
- Summer reading required

### ENG1 PIB

Grade 9

Credit: 1

### Pre-IB English 1

Prerequisite: Application and approval into PRE-IB Program

This course emphasizes:

- A wide range of elements of effective writing skills
- Reading comprehension skills-figurative and literal language, inference, summary, etc.
- Literature (fiction/non-fiction) from a variety of world authors
- Oral discussion skills
- Summer reading required

### ENG2

Grade: 10

Credit: 1

### ENGLISH 2

Prerequisite: English 1

- a wide range of elements of effective writing skills
- reading comprehension skills-figurative and literal language, inference, summary
- literature (fiction/non-fiction) from a variety of world authors, oral discussion skills

### ENG2 PAP

Grade: 10

Credit: 1

### ENGLISH 2 PAP

Prerequisite: passed PAP Eng 1 or 80+ in Eng 1; passed previous ELA TAKS test

- a higher level of complexity from English I Pre-AP in preparation for the 11th, 12th grade AP Program (college level courses), oral discussion skills, critical thinking skills
- analytic skills-interpreting a variety of world literature (fiction/non-fiction) for literary devices, rhetorical purpose, and genre characteristics
- composition skills-documented essays using primary and secondary sources, complex sentence structure, mechanics, vocabulary
- **summer reading required. It is the student's responsibility to obtain the summer reading list. Lists are available from teachers, counselors, the campus website and in the school office.**

### ENG2 PIB

Grade 10

Credit: 1

### Pre-IB English 2

Prerequisite: English 1 PRE-IB

This course emphasizes:

- In-depth study of language – usage – semantics
- Developmental understanding of literary conventions and forms
- The practice and improvement of listening/speaking skills
- Extensive study and practice of writing skills
- Focus on study of international literature
- Numerous projects and oral presentations.
- Extensive reading assignments – outside of class

- Summer reading required

**ENG3**

Grade: 11 Credit: 1

**ENGLISH 3**

Prerequisite: English 2

- independent study, reading, and writing
- oral discussion skills
- a high level of reading comprehension, critical thinking and analytic skills
- stylistic maturity in writing skills
- American literature from the Puritan era to the present

**ENG3 AP**

Grade: 11 Credit: 1

**ENGLISH 3 AP**

Prerequisite: passed PAP Eng 2 or 80+ in Eng 2; passed previous ELA TAKS test

- preparation for the College Board's Language and Composition Advanced Placement Test
- a high level of complexity in critical thinking
- a high level of complexity in analytic skills-interpreting a variety of American literature (fiction/non-fiction) for literary devices, rhetorical purpose, and genre characteristics
- oral discussion skills, stylistic maturity in composition skills-documented essays using primary and secondary sources, complex sentence structure, mechanics, vocabulary
- individual and small group independent study, reading, and projects
- Summer reading may be required

**ENG3 CONC**

Grade: 11 Credit: 1

**ENGLISH 3 Dual Credit**

Prerequisite: passed PAP Eng 2 or 80+ in Eng 2; passed previous ELA TAKS test

Prerequisite : TJC testing ( THEA or Accuplacer) and tuition required for TJC 1301 and 1302 credit.

- preparation for the College Board's Language and Composition Advanced Placement Test
- a high level of complexity in critical thinking
- a high level of complexity in analytic skills-interpreting a variety of American literature (fiction/non-fiction) for literary devices, rhetorical purpose, and genre characteristics
- oral discussion skills, stylistic maturity in composition skills-documented essays using primary and secondary sources, complex sentence structure, mechanics, vocabulary
- a stylistic maturity in composition skills-documented essays using primary and secondary sources, complex sentence structure, mechanics, vocabulary
- individual and small group independent study, reading, and projects
- students receive credit for English 1301 and 1302
- Summer reading may be required

**ENG4**

Grade: 12 Credit: 1

**ENGLISH 4**

Prerequisite: English 3

- independent study, reading, and writing
- oral discussion skills
- a high level of reading comprehension, critical thinking and analytic skills
- stylistic maturity in writing skills
- British/World literature (fiction/non-fiction)

**ENG4 AP**

Grade: 12 Credit: 1

**ENGLISH 4 AP**

Prerequisite: passed AP Eng 3 or 80+ in Eng 3; passed previous ELA TAKS test

- preparation for the College Board's Literature and Composition Advanced Placement Test
- a high level of complexity in critical thinking
- a high level of complexity in analytic skills-interpreting a variety of British/World literature (fiction/non-fiction) for literary devices, rhetorical purpose, genre characteristics, oral discussion skills
- stylistic maturity in composition skills - documented essays using primary and secondary sources, complex sentence structure, mechanics, vocabulary
- individual and small group independent study, reading, and writing
- Summer reading may be required

**ENG4 CONC**

Grade: 12 Credit: 1

**ENGLISH 4 Dual Credit**

Prerequisite: English 3 concurrent credit or a score of 4 or higher on the AP English III examination in English Language

- preparation for the College Board's Literature and Composition Advanced Placement Test
- a high level of complexity in critical thinking
- a high level of complexity in analytic skills-interpreting a variety of British/World literature (fiction/non-fiction) for literary devices, rhetorical purpose, genre characteristics, oral discussion skills
- stylistic maturity in composition skills - documented essays using primary and secondary sources, complex sentence structure, mechanics, vocabulary
- individual and small group independent study, reading, and writing
- students receive credit for English 2332 and 2333
- Summer reading may be required

## IB ENGLISH – two-part course

### ENG3 IB                      IB English 3

Grade 11                      Credit: 1

Prerequisite: Application and approval; advanced studies English 2

This course emphasizes:

- International literary focus in all themes or genres
- Develop student's power of expression with emphasis on written and verbal skills
- Develop ability to critically analyze and comment upon familiar and unfamiliar texts; express a personal and independent response to literature
- Careful analysis of style and structure used in the craft of writing and the effects of these during the study of each work
- Preparation for IB exam, oral commentary and analysis, and extended essay with possibility of earning college credit.
- Student independence in learning process/development of investigative and critical thinking skills
- Analytical, critical, and evaluative reading skills
- Summer reading required.

### ENG4 IB                      IB English 4

Grade 12                      Credit: 1

Prerequisite: IB English 3

This course emphasizes:

- International literary focus in all themes or genres
- Develop student's power of expression with emphasis on written and verbal skills
- Develop ability to critically analyze and comment upon familiar and unfamiliar texts; express a personal and independent response to literature
- Careful analysis of style and structure used in the craft of writing and the effects of these during the study of each work
- Preparation for IB exam, oral commentary and analysis, and extended essay with possibility of earning college credit.
- Student independence in learning process/development of investigative and critical thinking skills
- Analytical, critical, and evaluative reading skills
- Course culminates in an IB exam with possibility of earning college credit.
- The content requirements for IB English as prescribed by the IB Organization

## Journalism

### JOURNPHOTO S/ JOURNPHOTO Y                      PHOTOJOURNALISM

Grade: 9-12                      Credit: 1/2-1                      Prerequisite: None

- the study of camera parts and functions and care of photography equipment
- the study of techniques and composition, black and white film development and print making
- mounting photographs for display, history of photography
- troubleshooting developing and printing problems
- student involvement in photo competitions, ethics/law of photography
- the change in photographic techniques due to current technology

### JOURN                      JOURNALISM 1

Grade: 9-12                      Credit: 1                      Prerequisite: None

- journalistic reporting, interviewing and writing
- overviews of desktop publishing, photography, advertising ethics, page layout and design
- specialized writing such as editorial, column, sports, feature, and headline writing

### NEWS1-3                      ADVJ NEWSPAPER 1-3

Grade: 10-12                      Credit: 1/2-3                      Prerequisite: Application

- teamwork in publishing a student newspaper
- writing, editing, word processing, typesetting, designing, layout, paste up
- opportunities to compete in UIL events in news, feature, editorial and headline writing
- responsibilities of staff positions (editor, photographer, reporters, business manager, etc.)

### YRBK1-3                      ADVJ YEARBOOK 1-3

Grade: 10-12                      Credit: 1/2 – 3                      Prerequisite: Application

- individual skills and teamwork in publishing a yearbook
- taking photos, writing copy, designing layouts
- developing theme, using computer to generate layouts for pages
- selling advertisements and yearbook subscriptions

## Debate

### DEBATE 1-3

Grade: 10-12 Credit: 1-3

- study of fundamentals of debate, topic research, and extemporaneous speaking
- tournament practice and procedures
- debate/tournament competition
- extensive training in UIL and NFL competition

### DEBATE 1-3

Prerequisite: None

## Communications Applications

(½ credit required)

### COMMAPPPL

Grade: 11-12 Credit: ½

- application of communication skills in everyday situations
- development of speech making techniques and oral presentations in a variety of situations
- development of appropriate inter-personal communication strategies in professional and social contexts

### COMMUNICATIONS APPLICATIONS

Prerequisite: None

### THKNOW IB

Grade 11-12 Credit: 1

TOK examines various areas of knowledge, truth, logic, value judgments, and the role of language and thought in knowledge. It is a key element in encouraging students to appreciate other cultural perspectives. The course is unique to the IBO, which recommends at least 100 hours of teaching time spanning the program's two years.

### IB Theory of Knowledge (TOK)

One of the most important components of the Diploma Program is the theory of knowledge course, which challenges students to question the bases of knowledge – to reflect critically on how they know what they believe to be facts or the truth. Students learn to be aware of subjective and ideological biases and to develop the ability to analyze evidence that is expressed in rational argument. It consists almost entirely of exploring questions about different sources of knowledge (perception, language, emotion, reason) and different kinds of knowledge (scientific, artistic, mathematical, historical), such as:

- Do we construct reality or do we recognize it?
  - What role does personal experience play in the formation of knowledge?
  - Does knowledge always require some kind of rational basis?
  - Is there any kind of knowledge which can be attained solely through emotion?
  - Is scientific knowledge progressive; has it always grown? Can we reach a point where everything important in a scientific sense is known?
  - How does language extend, direct, or even limit thinking?
- \*Satisfies speech, government and economics graduation requirement; dependent on current teacher credentials

## Reading

### READ1 Y

Grade: 9-11 Credit: 1

- vocabulary
- reading comprehension skills for TAKS mastery

### READING 1

Prerequisite: Non-mastery of TAKS

### READ2/3

Grade: 10-11 Credit: 1-2

- vocabulary
- reading comprehension skills for TAKS mastery

### READING 2/3

Prerequisite: Non-mastery of TAKS

### READ1 Y DYS

Grade: 9-12 Credit: 1-3

- reading, spelling, phonics for the dyslexic student

### MULTISENSORY READING

Prerequisite: Placement

# Mathematics

(4 credits required)

## Summer Assignment

*The Pre-AP/Pre-IB and AP/IB Math classes require a summer assignment. Students should complete the assignment and be prepared for discussion and a quiz during the first week of school. Assignments for each campus may be accessed on the campus websites and at the main offices at each campus during the spring and summer.*

### ALG1

Grade: 9-12 Credit: 1

- the development of the real number system
- the base for higher level mathematics

### ALGEBRA 1

Prerequisite: None

### ALG1 PAP /PIB

Grade: 9-12 Credit: 1

- an in-depth study of the regular Algebra I topics
- a focus on concept analysis, problem solving, and practical applications

### ALGEBRA 1 PAP/PIB

Prerequisite: None

### GEOM

Grade: 9-12 Credit: 1

- basic structure of geometry, geometric figures, concepts, formal proofs and deductive reasoning
- the use of algebraic skills in problem solving
- properties of parallel lines and planes, angle relationships, and polygonal regions
- the coordinate plane and constructions

### GEOMETRY

Prerequisite: Algebra 1

### GEOM PAP/PIB

Grade: 9-12 Credit: 1

- an in-depth study of the regular geometry topics
- additional topics include coordinate proofs, transportation, and principles of logic
- requires time outside of class for additional assignments

### GEOMETRY PAP/PIB

Prerequisite: Algebra 1

### ALG2

Grade: 10-12 Credit: 1

- the study of higher mathematics for the college bound student
- the application of algebraic concepts and skills
- a study of complex number system, mathematical reasoning
- linear functions and systems, quadratic systems
- exponential and logarithmic functions, sequences, and series

### ALGEBRA 2

Prerequisite: Algebra 1, Geometry

### ALG2 PAP/PIB

Grade: 10-12 Credit: 1

- an in-depth study of regular Algebra II topics
- additional topics beneficial to college-bound students
- requires time outside of class for additional assignments

### ALGEBRA 2 PAP/PIB

Prerequisite: Algebra 1 and Geometry

### MATHMOD

Grade: 11-12 Credit: 1

Required for any student who has not passed 10<sup>th</sup> grade TAKS

- the use of algebraic, graphical, and geometric reasoning to recognize patterns and structure
- the use of mathematical models for algebra, geometry, probability, and statistics to solve real-life applied problems
- problem solving advanced applications

### MATH MODELS

Prerequisite: Algebra I and Geometry

### PRECALC

Grade: 11-12 Credit: 1

- the first semester study of trigonometry
- the study of properties of circular and trigonometric periodic functions
- the second semester study of elementary analysis
- mathematical induction and analytic geometry

### PRECALCULUS

Prerequisite: Alg 1, Alg 2 and Geometry

### PRECALC PAP

Grade: 11-12 Credit: 1

- an in-depth study of regular pre-calculus topics
- preparation for calculus

### PRECALCULUS PAP

Prerequisite: Algebra I, Algebra 2 and Geometry

### IBMASTL

Grade 11 Credit: 1

This course emphasizes:

- Trigonometry, trig functions, graphs and inverses

### IB MATHEMATICAL STUDIES STANDARD LEVEL

Prerequisite: Pre-IB Algebra 1 & 2, Geometry

- Trigonometric identities and equations
- The nature of graphs
- Polynomial and rational functions
- Exponential and logarithmic functions
- Sequences and series
- Vectors and parametric equations
- Conics
- Pre-calculus

**CALCAB AP**

Grade: 11-12 Credit: 1

- an introductory calculus with elementary functions

- college-level mathematics course for students who have a thorough knowledge of Algebra, Geometry, Trigonometry and Analytic Geometry
- preparation for the College Board's Calculus Advanced Placement Test

**CALCULUS AB AP**

Prerequisite: passed Pre-calculus, or Pre-AP Pre-calculus; passed previous TAKS Math test

**CALCBC AP**

Grade: 11-12 Credit: 1

Study of limits

- study of differentiation
- study of integration
- application of all of the above
- preparation for the College Board's BC Calculus Advanced Placement Test

**CALCULUS BC AP**

Prerequisite: passed Pre-calculus, or Pre-AP Pre-calculus; passed previous TAKS Math test

**CALCBC AP EX**

Grade: 11-12 Credit: 1

- extension of AB calculus topics
- study of parametric, polar, and vector functions
- study use of Euler's method of L' Hospital's Rule
- more techniques of integration and use when solving logistic differential equations
- improper integrals
- polynomial approximations and series

**CALCULUS BC EXTENDED AP**

Prerequisite: AP Calculus AB

**STATS AP**

Grade: 10-12 Credit: 1

**STATISTICS AP**

Prerequisite: passed Algebra 2

This college level course prepares students for the AP College Board Statistics exam. The study introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes:

- exploring data: observe patterns
- planning a study: what and how to measure
- anticipating patterns: produce models using probability theory and simulation analyzing statistical inference; confirm models

**IBMASL**

Grade 11 Credit: 1

This course emphasizes:

- Trigonometry, trig functions, graphs and inverses
- Trigonometric identities and equations
- The nature of graphs
- Polynomial and rational functions
- Exponential and logarithmic functions
- Sequences and series
- Vectors and parametric equations
- Conics
- Pre-calculus

**IB MATHEMATICS STANDARD LEVEL**

Prerequisite: Pre-IB Algebra 1 & 2, Geometry

**IBMAHL**

Grade 12 Credit: 1

This course emphasizes:

- Number and algebra
- Circular Functions in trigonometry
- Vector Geometry
- Statistics and probability
- Functions and equations
- Calculus
- Further Geometry
- Further Statistics
- Further Calculus
- Course culminates in an IB exam with possibility of earning college credit

**IB MATHEMATICS HIGHER LEVEL**

Prerequisite: IBMASL

- The content requirements for IB Math Methods as prescribed by the IB Organization

# Science

(4 credits required)

## BIO

Grade: 9-12 Credit: 1

- ecological relationships between living things and their environments
- cells as the structural and functional units of life
- genetic concepts
- a survey of living kingdoms
- laboratory tools and techniques

## BIOLOGY

Prerequisite: None

## BIO PAP

Grade: 9-12 Credit: 1

- independent research on current biological topics
- biology topics including:
  - cellular processes
  - kingdoms of life and ecology
  - anatomy and physiology of living things
  - graphing, thinking, and writing skills
  - experimental design
- prepare for entrance into Biology 2AP

## BIOLOGY PAP

Prerequisite: passed 8<sup>th</sup> PAP science or 80+ science; passed previous TAKS science test

## BIO PIB

Grade 9 Credit: 1

This course emphasizes:

- Use of laboratory equipment and lab techniques
- Portfolio evaluation of investigations
- Ecological relationships between living things and their environments
- Cells as the structural and functional units of life
- Genetic concepts
- Higher level problem solving skills and laboratory experiences
- Survey of living kingdoms
- Preparation for IB Biology
- **Satisfies Health requirement for graduation**

## PRE-IB Biology

## IPC

Grade: 10-12 Credit: 1

- use of the scientific method and metric system in performing labs
- organization and characteristics of elements within the periodic table
- development of chemical equations which represent four major types of chemical reactions
- principles and relationships among force, mass, weight acceleration, momentum, speed, pressure, area and energy
- waves, sound, light, electricity, magnetism, heat

## INTEGRATED PHYSICS/CHEMISTRY

Prerequisite: None

## CHEM

Grade: 10-12 Credit: 1

- the study of the composition and changes of matter
- practical lab experiences
- college preparation skills

## CHEMISTRY

Prerequisite: Biology and currently enrolled or completed Geometry

## CHEM PAP

Grade: 10-12 Credit: 1

- advanced problem solving skills, advanced laboratory experiences
- study of composition and changes of matter
- **college level preparatory skills**

## CHEMISTRY PAP

Prerequisite: Biology and currently enrolled or completed Geometry

## CHEM PIB

Grade 10 Credit: 1

This course emphasizes:

- Portfolio evaluation of investigations
- Applying facts and to illustrate patterns of chemical behavior
- Making qualitative and quantitative observations
- Interpreting experimental results
- Higher level problem solving skills and laboratory experiences

## PRE-IB Chemistry

Prerequisite: Application and approval into PRE-IB Program

- Assessing chemical activities on the environment and society
- Preparation for IB Chemistry

#### **PHYSICS**

Grade: 11-12 Credit: 1

- waves - sound, light, mirrors, lenses, electricity - static, current, circuits, nuclear power
- mechanics - motion, Newton's Law, thermodynamics - fluid mechanics

#### **PHYSICS**

Prerequisite: Algebra 2 (May be taken concurrently)

#### **PHYSICS PAP**

Grade: 11-12 Credit: 1

- Newtonian mechanics, electricity and magnetism,
- wave motion

#### **PHYSICS PAP**

Prerequisite: Algebra 2

#### **PHYSICS PIB**

Grade: 10 Credit: 1

#### **PHYSICS PIB**

Prerequisite: PIB Bio

To be added soon....

#### **PHYSICS B AP**

Grade: 12  
Newtonian

#### **PHYSICS B AP**

Prerequisite: Physics

#### **PHYSICS C AP**

Grade: 12 Credit: 1

This course emphasizes Newtonian mechanic

#### **PHYSICS C AP**

Prerequisite: Physics 1; Calculus (may be taken concurrently)

#### **ANATPHY**

Grade: 11-12 Credit: 1

- relationship between the organ systems of the human body and their functions
- study of disease, laboratory skills
- college level research involving outside reading projects, preparation for entrance into health related fields

**This course is a science elective and does count as a required science credit for graduation.**

#### **ANATOMY & PHYSIOLOGY**

Prerequisite: Biology, Chemistry, and Physics or Biology IPC and either Chemistry, or Physics or PTI

#### **BIO AP**

Grade: 11-12 Credit: 1

- eight major themes of biology
- laboratory investigations, experimentation, and write up prepares students for the advanced placement exam in biology
- content equals major university freshman biology courses
- preparation for the College Board's Biology Advanced Placement Test

#### **BIOLOGY AP**

Prerequisite: Bio1ogy & Chemistry 1 (Pre AP Bio and Chem1 recommended)

#### **BIO CONC**

Grade: 11-12 Credit: 1  
Physics

- Eight major themes in biology
- Laboratory investigations, experimentation, and write up prepares students for advance placement exam in biology
- Content equals major university freshman biology courses

#### **BIOLOGY Dual Credit**

Prerequisite: THEA, TJC tuition and lab fee, Biology, Chemistry, Physics or concurrent enrollment in

#### **BIO1 IB**

Grade 11 Credit: 1

This course emphasizes:

- Portfolio evaluation of investigations
- Biological evaluation of investigations
- Presentation and analysis of data
- Synthesis of biological information
- In-depth study of major themes of biology – cells, the chemistry of life, genetics, ecology, evolution, and human health and physiology. Optional course topics include: nutrition, physiology of exercise, cells and energy, neurobiology and behavior, applied animal and plant science, and conservation.
- Issues of ethical, philosophical, and political importance
- Evaluating biological knowledge with respect to mankind
- Advanced problem solving skills and laboratory experiences
- Course culminates in an IB exam with possibility of earning college credit.
- The content requirements for IB Biology as prescribed by the IB Organization

#### **IB Biology 1**

Prerequisite: Biology and Chemistry – PRE-IB or advanced studies levels

#### **BIO2 IB**

Grade 12 Credit: 1

This course emphasizes:

#### **IB Biology 2**

Prerequisite: IB Biology 1

- Continuation of IB Biology 2 for specialization in the field of Biology
- Portfolio evaluation of investigations
- Biological evaluation of investigations
- Presentation and analysis of data
- Synthesis of biological information
- In-depth study of major themes of biology – cells, the chemistry of life, genetics, ecology, evolution, and human health and physiology. Optional course topics include: nutrition, physiology of exercise, cells and energy, neurobiology and behavior, applied animal and plant science, and conservation.
- Additional study in cell, human and plant biology
- Issues of ethical, philosophical, and political importance
- Evaluating biological knowledge with respect to mankind
- Advanced problem solving skills and laboratory experiences
- Course culminates in an IB exam with possibility of earning college credit. The content requirements for IB Biology as prescribed by the IB Organization

#### **CHEM AP**

Grade: 11-12 Credit: 1

#### **CHEMISTRY AP**

Prerequisite: pass Chemistry I (Chemistry Pre-AP recommended)

- College level lab work in the field of chemistry
- College level curriculum for preparation in field
- Preparation for the College Board's chemistry, advanced science, medicine and engineering

#### **CHEM1 IB**

Grade 11 Credit: 1

#### **IB Chemistry 1**

Prerequisite: Chemistry, Physics, and Biology, Pre-IB or advanced studies levels

This course emphasizes:

- Portfolio evaluation of investigations
- Correlation of factual chemical knowledge with underlying principles and concepts
- In-depth study of major themes of Chemistry – stoichiometry, atomic theory, periodicity, bonding, states of matter, energetics, kinetics, equilibrium, acids and bases, oxidation and reduction, and organic chemistry. Optional topics include: higher physical organic chemistry, medicines & drugs, human biochemistry, chemical industries, or fuels & energy.
- Advanced problem solving skills and laboratory experiences
- Course culminates in an IB exam with possibility of earning college credit.
- The content requirements for IB Chemistry as prescribed by the IB Organization

#### **CHEM2 IB**

Grade 12 Credit: 1

#### **IB Chemistry 2**

Prerequisite: IB Chemistry 1

This course emphasizes:

- Continuation of IB Chemistry for specialization in the field of Chemistry
- Portfolio evaluation of investigations
- Correlation of factual chemical knowledge with underlying principles and concepts
- In-depth study of major themes of Chemistry – stoichiometry, atomic theory, periodicity, bonding, states of matter, energetics, kinetics, equilibrium, acids and bases, oxidation and reduction, and organic chemistry. Optional topics include: higher physical organic chemistry, medicines & drugs, human biochemistry, chemical industries, or fuels & energy.
- Advanced problem solving skills and laboratory experiences
- Course culminates in an IB exam with possibility of earning college credit.
- The content requirements for IB Chemistry as prescribed by the IB Organization

#### **ENVIRSYS**

Grade: 11-12 Credit: 1

#### **ENVIRONMENTAL SYSTEMS**

Prerequisite: Biology, Chemistry, and Physics or Biology IPC and either Chemistry, Physics or PTI

- biotic and abiotic factors in habitats
- ecosystems and biomes; interrelationships among resources and an environmental system
- sources and flow of energy through an environmental system
- relationship between carrying capacity and changes in populations and ecosystems
- changes in environments

**This course is a science elective and does count as a required science credit for graduation.**

#### **ENVSCI AP**

Grade: 11-12 Credit: 1

#### **ENVIRONMENTAL SCIENCE AP**

Prerequisite: Completion of 2 years of math, Biology and IPC, or concurrent enrollment in Chemistry or Biology, Physics or concurrent enrollment in Physics

- college level
- preparation for the college board's environmental science advanced placement exam
- integrated study of ecology and environmental science
- study of environmental concerns and issues
- connections and consequences of the interaction between the environment and society
- laboratory and field studies

#### **PRINTECH1**

#### **PRINCIPLES OF TECHNOLOGY 1 (APPLIED PHYSICS)**

- Grade: 10-12      Credit: 1      Prerequisite: Algebra 1 and 1 Science credit
- energy, power, force and resistance as applied to mechanical, fluid, thermal and electrical energy
  - mathematics applications
  - laboratory setting instruction
  - physics applications

- SCIRD1-2      SCIENCE RESEARCH AND DESIGN 1-2**  
 Grade: 11-12      Credit: 1      Prerequisite: One unit of high school science and Science Committee Approval
- Describe science by physical, mathematical, and conceptual models
  - a vast body of changing and increasing knowledge
  - understand components and how these components relate to each other and to the whole

## Social Studies

(3 ½ credits required)

### Summer Assignment

***The Pre-AP/Pre-IB and AP/IB English classes require summer reading. Students should read the selections during the summer and be prepared for discussion, journals, tests, and/or compositions during the first week of school. Assignments for each campus may be accessed on the campus websites and at the main offices at each campus during the spring and summer.***

- WGEO      WORLD GEOGRAPHY**  
 Grade: 9-11      Credit: 1      Prerequisite: None
- the nature of physical and cultural geography
  - the human interaction to their physical environments in major regions and settings

- WGEO PAP      WORLD GEOGRAPHY PAP**  
 Grade: 9-11      Credit: 1      Prerequisite: passed 8<sup>th</sup> PAP Soc St or 80+ in 8<sup>th</sup> Soc St; passed previous TAKS Soc St test
- creativity and higher level thinking skills, current events, local history, and state history
  - the nature of physical and cultural geography
  - the human interaction to their physical environments in major regions and settings

- WGEO AP      HUMAN GEOGRAPHY**  
 Grade: 9-11      Credit: 1      Prerequisite: passed 8<sup>th</sup> PAP Soc St or 80+ in 8<sup>th</sup> Soc St; passed previous TAKS Soc St test
- creativity and higher level thinking skills, current events, local history, and state history
  - an emphasis on writing
  - the nature of physical and cultural geography
  - the human interaction to their physical environments in major regions and settings
  - preparation for the College Board's Human Geography Advanced Placement Test

- WHIST      WORLD HISTORY**  
 Grade: 10-12      Credit: 1      Prerequisite: None
- the global study of man's achievements from the beginning of written record to the present
  - cultural patterns that have arisen as a result of the interrelation of geographic, social, economic, and political factors

- WHIST PAP      WORLD HISTORY PAP**  
 Grade: 10-12      Credit: 1      Prerequisite: passed PAP World Geo or 80+ in World Geo; passed previous TAKS Soc St test
- the global study of man's achievements from the beginning of written record to the present
  - cultural patterns that have arisen as a result of the interrelation of geographic, social, economic, and political factors
  - the use of primary documents

- WHIST AP      WORLD HISTORY AP**  
 Grade: 10-12      Credit: 1      Prerequisite: passed PAP World Geo or 80+ in World Geo; passed previous TAKS Soc St test
- advanced, in-depth study of the historical development of global processes in world history
  - extensive reading and study outside of class
  - preparation for the College Board's World History Advanced Placement Test

- USHIST      UNITED STATES HISTORY**  
 Grade: 11-12      Credit: 1      Prerequisite: None
- a study of U.S. History from 1865 to present
  - a rich heritage of American experience
  - patriotism and involvement in U. S. history

- USHIST AP      UNITED STATES HISTORY AP**  
 Grade: 11-12      Credit: 1      Prerequisite: passed PAP World History or 80+ in World History; passed previous TAKS Soc St test
- college-level study of U. S. History from pre-colonial period to present

- extensive reading and writing study outside of class time
- preparation for the College board's U. S. History Advanced Placement Test

### **USCONC**

Grade: 11-12 Credit: 1

- College-level study of U.S. history from pre-colonial period to present
- Extensive reading and study outside of class time
- Preparation for the College Board's U.S. history advanced placement test

### **UNITED STATES HISTORY DUAL CREDIT**

Prerequisite: THEA or Accuplacer, TJC Tuition and fees

### **IB History – two-part course**

#### **HISTAMER IB1**

Grade 11 Credit: 1

This course emphasizes:

- An historical study of selected countries from the Americas covering the past 100 years, with emphasis on the United States History
- A comparative study of a country's national history within the framework of the IB syllabus
- An in-depth study of an historical subject
- Understanding of people living in diverse places and at different times
- Understanding and acquisition of historical knowledge
- The content requirements for IB History of the Americas as prescribed by the IB Organization
- **History of the Americas- satisfies the US History graduation requirement.**

#### **IB History of the Americas 1**

Prerequisite: World Geography & World History – PRE-IB or advanced studies levels

#### **HISTAMER IB2**

Grade 12 Credit: 1

This course emphasizes:

- An historical study of selected countries from the Americas covering the past 100 years, with emphasis on the United States History
- A comparative study of a country's national history within the framework of the IB syllabus
- An in-depth study of an historical subject
- Understanding of people living in diverse places and at different times
- Understanding and acquisition of historical knowledge
- The content requirements for IB History of the Americas as prescribed by the IB Organization
- **History of the Americas- satisfies the US History graduation requirement.**

#### **IB History of the Americas 2**

Prerequisite: World Geography & World History – IB

### **PSYCH**

Grade: 11-12 Credit: 1/2

This course emphasizes:

- study of human growth, development, and behavior

### **PSYCHOLOGY**

Prerequisite: None

### **SOCIOL**

Grade: 11-12 Credit: 1/2

- the study of individuals and human groups and their basic institutions, processes, and relationships

### **SOCIOLOGY**

Prerequisite: None

### **PSYCH AP**

Grade: 11-12 Credit: 1/2

- college level course used to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals.
- preparation for the College Board's Psychology Advanced Placement Test

### **PSYCHOLOGY AP**

Prerequisite: Advanced Health

### **PSYCH IB**

Grades 11 or 12 Credit: 1

This course emphasizes:

- Theoretical approaches to psychology
- Study of human behavior from four distinct perspectives: behavioral, cognitive, humanistic/phenomenological, psychodynamic
- Optional topics: biological bases of behavior; comparative psychology; delinquency and crime; dysfunctional behavior; the psychology of gender; intelligence and personality; life span psychology; the migrant, sojourner, and tourist experience; organizational psychology; or social psychology
- Experimental psychology
- Diverse methods of psychology inquiry
- Ethical practices and responsibilities
- Research designs, methods, statistics, ethical issues in psychological research and application
- Course culminates in an IB exam with possibility of earning college credit
- The content requirements for IB Psychology as prescribed by the IB Organization

### **IB PSYCHOLOGY**

Prerequisite: None

### **GOVT**

Grade: 12 Credit: 1/2

- culture of American government as set up by the United States Constitution
- studies of the three branches of the national government and state and local governments

### **US GOVERNMENT**

Prerequisite: None

- citizenship skills such as voter registration and current events as they relate to government

**GOVT AP**

Grade: 12 Credit: 1/2

- structure of American government as set up by the United States Constitution
- studies of the three branches of the national government as well as state and local government in Texas
- applied knowledge of subject area through role play, discussion, and debates
- preparation for the College Board's U. S. Government Advanced Placement Test

**US GOVERNMENT AP**

Prerequisite: None

**GOVT CONC**

Grade: 12 Credit: 1/2

- constitution foundations of American government
- civil liberties and civil rights
- political ideology, parties, and interest groups
- campaigns, elections, and the media
- institutions of American government
- the rigorous curriculum
- students receive TJC credit for 2305

**US GOVERNMENT DUAL CREDIT**

Prerequisite: THEA, TJC tuition and fees

**Economics/Free Enterprise**  
(½ credit required)

**ECON**

Grade: 12 Credit: 1/2

- study basic principles and theories of production, consumption, and distribution of goods and services

**ECONOMICS**

Prerequisite: None

**ECON AP**

Grade: 12 Credit: 1/2

- some microeconomics concepts covered
- macroeconomic concepts include aggregate supply and demand, national income accounting, monetary policy, fiscal policy, and intern. trade
- production possibilities, supply and demand, the various market models, and resource markets
- preparation for the College Board's Economics Advanced Placement Test

**MACROECONOMICS AP**

Prerequisite: None

**ECON CONC**

Grade: 12 Credit: 1/2

- some microeconomics concepts covered
- macroeconomic concepts include aggregate supply and demand, national income accounting, monetary policy, fiscal policy, and international trade
- students receive credit for Economics 2301

**ECONOMICS DUAL CREDIT**

Prerequisite: THEA, TJC tuition and fees

**Physical Ed/Athletics/ROTC/Dance**  
(1 ½ credits required)

**Only two (2) credits will count toward State graduation requirement.**

**PEFOUND**

Grade: 9-12 Credit: 1/2

- understand need for physical fitness
- develop, assess, and maintain an acceptable level of health related fitness

**FOUNDATIONS OF PERSONAL FITNESS**

Prerequisite: None

**PEINDSP1 M**

Grade: 9-12 Credit: 1/2

- develop the ability to participate confidently in individual sports that can be pursued for a lifetime
- understand the basic components such as strategies, protocol, and rules of individual sports

**MALE PHYSICAL EDUCATION - INDIVIDUAL SPORTS**

Prerequisite: None

**PETMSP1 M**

Grade: 9-12 Credit: 1/2

- develop health related fitness and an appreciation for team work and fair play
- understand the basic components such as strategies, protocol, and rules of team sports

**MALE PHYSICAL EDUCATION - TEAM SPORTS**

Prerequisite: None

**PEINDSP1 F**

Grade: 9-12 Credit: 1/2

- develop the ability to participate confidently in individual sports that can be pursued for a lifetime
- understand the basic components such as strategies, protocol, and rules of individual sports

**FEMALE PHYSICAL EDUCATION - INDIVIDUAL SPORTS**

Prerequisite: None

**PETMSP1 F**

**FEMALE PHYSICAL EDUCATION - TEAM SPORTS**

Grade: 9-12      Credit: 1/2      Prerequisite: None  
 • develop health related fitness and an appreciation for team work and fair play  
 • understand the basic components such as strategies, protocol, and rules of team sports

**PEOUTAD**

Grade: 9-12      Credit: 1/2

- Hunter Education Certification
- Archery Skills
- Introduction to Survival Skills, Camping and Backpacking
- Angling
- Introduction to Fly Fishing and Fly Tying
- Boater Safety

**OUTDOOR ADVENTURES**

Prerequisite: None

**OFF CAMPUS PHYSICAL EDUCATION**

Grade: 9-12      Credit: 1/2-2      Prerequisite: Two years previous participation

- Olympic-level participation and /or competition

**ATHLETICS**

**Class Periods: 2**

Grade: 9-12      Credit: 1/2-2      Prerequisite: Physical exam each school year; coach approval

- development of body and minds to higher efficiency
- development of self-confidence and personal accomplishment
- self-discovery, self- acceptance, self- control, self- giving, sportsmanship
- current physical examination
- coach approval

FTBL1 M/FTBL2 M FTBL3 M/FTBL4 M FTBL LC	<b>Football</b>	Grade 9 Grade 10 Grades 11, 12
VLBL1 F/VLBL2 F VLBL3 F/VLBL4 F VLBL LC	<b>Volleyball</b>	Grade 9 Grade 10 Grades 11, 12
SCCR1 M/SCCR2 M SCCR3 M/SCCR4 M SCCR LC M	<b>Soccer (M)</b>	Grade 9 Grade 10 Grades 11, 12
SCCR1 F/SCCR2 F SCCR3 F/SCCR4 F SCCR LC F	<b>Soccer (F)</b>	Grade 9 Grade 10 Grades 11, 12
BSKT1 M/BSKT2 M BSKT3 M/BSKT4 M BSKT LC M	<b>Basketball (M)</b>	Grade 9 Grade 10 Grades 11, 12
BSKT1 F/BSKT2 F BSKT3 F/BSKT4 F BSKT LC F	<b>Basketball (F)</b>	Grade 9 Grade 10 Grades 11, 12
BSBL1/BSBL2 BSBL3/BSBL4 BSBL LC	<b>Baseball (M)</b>	Grade 9 Grade 10 Grades 11, 12
SFBL1/SFBL2 SFBL3/SFBL4	<b>Softball (F)</b>	Grade 9 Grades 11, 12
GOLF1 M/GOLF2 M GOLF3 M/GOLF4 M GOLF LC M	<b>Golf (M)</b>	Grade 9 Grade 10 Grades 11, 12
GOLF1 F/GOLF2 F GOLF3 F/GOLF4 F GOLF LC F	<b>Golf (F)</b>	Grade 9 Grade 10 Grades 11, 12
TNNS1/TNNS2 TNNS3/TNNS4	<b>Tennis (M/F)</b>	Grade 9 Grade 10

TNNS LC Grades 11, 12

CRSC1 M/CRSC2 M **Cross Country (M)** Grade 9  
CRSC3 M/CRSC4 M Grade 10  
CRSC LC M Grades 11, 12

CRSC1 F/CRSC2 F **Cross Country (F)** Grade 9  
CRSC3 F/CRSC4 F Grade 10  
CRSC LC F Grades 11, 12

TRKF1 M/TRKF 2M **Trk&Field (M)** Grade 9  
TRKF3 M/TRKF 4M Grade 10  
TRKF LC M Grades 11, 12

TRKF1 F/TRKF 2F **Trk&Field (F)** Grade 9  
TRKF3 F/TRKF 4F Grade 10  
TRKF LC F Grades 11, 12

SWIM1/SWIM2 **SWIM** Grade 9  
SWIM2/3 Grade 10  
SWIMLC Grade 11,12  
ROTC1-4 **RESERVE OFFICERS TRAINING CORPS**

Grade 9-12 Credit: 1-4 Prerequisite: None  
• a knowledge of basic military skills  
• developing citizenship, patriotism, self-reliance, and leadership  
• responsiveness to constituted authority  
• the ability to communicate effectively both orally and in writing  
• intensified listening skills

**Dance courses may be counted for P.E. or elective credit. Two credits may apply for P.E. and two credits may apply for a fine art.**

**DANCE 1** **DANCE 1** **Grade 9 - 12**  
Credit: 1 Prerequisite: None

Dance 1 will incorporate all styles of dance, Jazz, Ballet, Modern, Folk, Tap, Choreography, and Production. Each unit will cover basics of technique, dance history, and pertinent relations to today's society. Instruction will also be given in general fitness health, flexibility, strength, and cardiovascular endurance. The end of the year will culminate with a performance in the department's dance concert.

**DANCE 2** **DANCE 2** **Grade 10 - 12**  
Credit: 1 Prerequisite: Dance 1

Dance 2 will continue to build a strong base in all dance styles, Jazz, Ballet, Modern, Folk, Tap, Chorography, and Production. A more in depth study in the basics of the year will culminate with a performance in the department's dance concert.

**DANCE 3** **DANCE 3** **Grade 10 - 12**  
Credit: 1 Prerequisite: Dance 1 or 2

Dance 3 and 4 is an advanced study of all dance styles including Jazz, Ballet, Modern, Tap, Choreography, and Production. Building advanced technical skill, knowledge of dance history, as well as relations to society and others will be the focal points of class. Students will engage in personal character building through journaling. Students will also have the opportunity to choreograph their own works for performance. The end of the year will culminate with performances of group work and student choreography in the department's dance concert. No purchases required.

**DANCE 4** **DANCE 4** **Grade 10 - 12**  
Credit: 1 Prerequisite: Previous participation in the Dance Program

Dance 3 and 4 is an advanced study of all dance styles including Jazz, Ballet, Modern, Tao, Choreography, and Production. Building advanced technical skill, knowledge of dance history, as well as relations to society and others will be the focal points of class. Students will engage in personal character building through journaling. Students will also have the opportunity to choreograph their own works for performance. The end of the year will culminate with performances of group work and student choreography in the department's dance concert. No purchases required.

**POM1** **POM SQUAD** **Grade 9 - 12**  
Credit: 1 Prerequisite: None

FEE OF APPROXIMATELY \$200.00 REQUIRED(REL) and \$90.00 REQUIRED (JT)

Freshman as well as upper classmen may pursue an interest in drill team by participating in the Pom Squad. Basic jazz and drill team fundamentals will be covered throughout the year. Students will focus on Drill Team traditions and techniques. Extracurricular activities are a mandatory requirement for the Pom Squad. Students will attend pep rallies, JV football games, varsity home football games, JV basketball

games, and any other activity given by the director. Purchases of a class uniform, performance uniform, pompoms and a rain poncho are mandatory.

#### **DRILL PREP1**

Credit: 1

#### **DRILL TEAM PREP (Dance 2/3)**

Prerequisite: Pom Squad or Dance Class

**Grade 10 - 12**

FEE OF APPROXIMATELY \$200.00 REQUIRED

Sophomores and juniors may pursue an interest in drill team in prep class. An in depth study of jazz, drill team, and high kick principles will be covered. All efforts will concentrate on preparing students for drill team auditions in April. Selected outside activities will be required. The class will participate in a fall performance, the Southern Belle Car Wash, as well as at the Southern Belle Showcase in February.

#### **DRILLTM1-2**

Credit: 1-2

#### **DRILL TEAM**

Prerequisite: Participation in dance sophomore year

**Grade 11 - 12**

Auditions for the organization will be held in April for current sophomore and juniors. Emphasis includes performing complex movement sequences with rhythmic accuracy and developing leadership skills. Participation is required at all performances and special events.

## **Health**

(½ credit required)

#### **HEALTH**

Grade: 9-12

Credit: 1/2

#### **HEALTH**

Prerequisite: None

- family health, social health, and the life cycle
- proper nutrition and eating disorders
- tobacco, alcohol, illegal drugs and recovering from addiction and co-dependency
- sexually transmitted diseases and disorders
- safety and emergency care

#### **ADVHLTH**

Grade: 9-12

Credit: 1/2

#### **ADVANCED HEALTH**

Prerequisite: Health

- Emphasis on physical, mental, emotional, and social components of health
- Applied knowledge of subject through lab investigation, discussion and research

## **Languages Other Than English**

(2 credits required)

#### **SPAN1-2**

Grade: 9-12

Credit: 1-2

#### **SPANISH 1-2**

Prerequisite: Taken in sequence

- understanding, speaking, reading and writing Spanish
- study of Spanish cultures, music, dance, and literature
- grammar study & conversational Spanish

#### **SPAN1 SS**

Grade: 9-12

Credit: 2

#### **SPANISH 1 (Spanish for Native Speakers)**

Prerequisite: Native Spanish Speaker

- Accelerated study of both Spanish 1 and Spanish 2 (1<sup>st</sup> semester prepares student to pass the Spanish 1 Credit by Exam)
- Spanish 2 credit earned with course completion

#### **SPAN1-2 PAP/PIB**

Grade: 9-12

Credit: 1

#### **SPANISH 1-2 PAP/PIB**

Prerequisite: passed PAP Span 1 or 80+ in Span 1

- An expansion of the on level language class, designed to provide opportunities for talented language students beyond those available in the regular language classes.
- Stresses the development of low/intermediate proficiency in oral skills, accurate comprehension of contemporary and cultural reading passages
- Expands the use of grammatical constructions and vocabulary and begins the development of expository composition
- Culturally related activities and regions are explored
- Preparation to enter the AP program on the fourth level of entry

#### **SPAN3 PAP/PIB**

Grade: 9-12

Credit: 1

#### **SPANISH 3 PAP/PIB**

Prerequisite: Spanish 1-2 or competency; pass Span 2

- grammar and vocabulary skills to develop speaking and writing proficiency
- listening, reading, speaking skills to develop speaking and reading proficiency
- writing/organizational skills to develop competency in composition development

#### **SPAN4 AP/IB**

Grade: 10-12

Credit: 1

#### **SPANISH LANGUAGE AP/IB**

Prerequisite: Spanish 1-3

- the use of language for active communication
- the ability to understand spoken Spanish in various contexts

- a Spanish vocabulary sufficiently ample for reading newspaper and magazine articles, literary texts, and other non-technical writing without dependence on a dictionary, the ability to express oneself coherently, resourcefully,
- reasonable fluency and accuracy in both written and spoken Spanish
- the use of organizational and writing skills to develop compositions

#### **SPAN5 AP/IB**

Grade: 11-12 Credit: 1-2

#### **SPANISH LITERATURE AP/IB**

Prerequisite: Spanish 1-4

This course is taught as a two year course preparing students for the AP exam at the conclusion of the second year. Students who choose to, however, may take the AP exam after the first or second year.

- understand lectures in Spanish, participate in discussions on literary topics in Spanish
- do close readings of literary texts of all genres in Spanish
- analyze critically the form and content of literary works orally and in writing using appropriate terminology
- read authors from Spain and Spanish Am such as Jorge Luis Borges, Federico G. Lorca, and Ana Maria Matute

#### **FREN1-2**

Grade: 9-12 Credit: 1-2

#### **FRENCH 1-2**

Prerequisite: Taken in sequence.

- oral skills to develop listening and speaking proficiency
- reading and writing skills to develop comprehension in non-oral contexts
- incorporation of cultural information concerning French-speaking countries
- continued study of cultural information regarding French speaking countries

#### **FREN1/2 PAP**

Grade: 9-12 Credit: 1

#### **FRENCH 1/2 PAP**

Prerequisite: pass Fren 1 to enter Fren 2

- An expansion of the on level language class, designed to provide opportunities for talented language students beyond those available in the regular language classes.
- Stresses the development of low/intermediate proficiency in oral skills, accurate comprehension of contemporary and cultural reading passages
- Expands the use of grammatical constructions and vocabulary and begins the development of expository composition
- Culturally related activities and regions are explored
- Preparation to enter the AP program on the fourth level of entry

#### **FREN3 PAP/IB**

Grade: 10-12 Credit: 1

#### **FRENCH 3 PAP**

Prerequisite: French 1–2 or competency

- grammar and vocabulary skills to develop speaking and writing proficiency
- listening, reading, speaking skills to develop speaking and reading proficiency
- writing/organizational skills to develop competency in composition development

#### **FREN4 AP/IB**

Grade: 11-12 Credit: 1-2

#### **FRENCH LANGUAGE AP/IB**

Prerequisite: French 1-3

- the use of language for active communication
- the ability to understand spoken French in various contexts
- a French vocabulary sufficiently ample for reading non-technical writing without dependence on a dictionary
- express oneself coherently and with reasonable fluency and accuracy in both written and spoken French
- the use of organizational and writing skills to develop compositions

#### **GERM1-2**

Grade: 9-12 Credit: 1-2

#### **GERMAN 1-2**

Prerequisite: Taken in sequence

This course emphasizes:

- Understanding, speaking, reading and writing German
- Cultural and geography of German-speaking countries
- Basic grammar and theme-centered vocabulary

#### **GERM1 PAP**

Grade: 9-12 Credit: 1-2

#### **PRE-AP GERMAN 1**

Prerequisite: Taken in sequence

- An expansion of the on level language class. It is designed to provide opportunities for talented language students beyond those available in the regular language class. This course extends the Texas Essential Knowledge and Skills
- This course will stress the development of low/intermediate proficiency in oral skills, accurate comprehension of contemporary and cultural reading passages;
- They expand the use of grammatical constructions and vocabulary and begin the development of expository composition
- Culturally related activities of selected regions or countries will be explored
- Preparation to enter the AP program at the fourth level of study

#### **GERM2 PAP**

Grade: 9-12 Credit: 1

#### **PRE-AP GERMAN 2**

Prerequisite: German 1

- An expansion of the on level language class. It is designed to provide opportunities for talented language students beyond those available in the regular language class. This course extends the Texas Essential Knowledge and Skills
- This course will stress the development of low/intermediate proficiency in oral skills, accurate comprehension of contemporary and cultural reading passages;
- They expand the use of grammatical constructions and vocabulary and begin the development of expository composition

- Culturally related activities of selected regions or countries will be explored; preparation to enter the AP program at the fourth level of study

### **GERM3 PAP**

Grade: 10-12 Credit: 1

This course emphasizes:

- Grammar and vocabulary skills to develop speaking and writing proficiency
- Listening, reading, speaking skills to develop speaking and reading proficiency
- Writing/organizational skills to develop competency in composition development

### **PRE-AP GERMAN 3**

Prerequisite: German 1-2 or competency

### **GERM4 PAP**

Grade: 10-12 Credit: 1

This course emphasizes:

- The use of language for active communication; the ability to understand spoken German in various contexts
- A German vocabulary sufficiently ample for reading newspaper and magazine article, literary texts, and other non-technical writing without dependence on a dictionary

### **PAP GERMAN 4**

Prerequisite: German 1-3

## Fine Arts

(1 credit required)

### *Art*

#### **ART1**

Grade: 9-12 Credit: 1

This course emphasizes:

- analytical presentation of design elements and principals
- overview of art history
- development of critical thinking skills
- development of drawings, painting, and sculptural skills
- decision making

#### **ART 1**

Prerequisite: None

#### **ART1 PAP/PIB**

Grade: 9-12 Credit: 1

This course will fulfill the Art 1 credit as well as prepare students for the Advanced Placement Portfolio class.

This course emphasizes:

- exploration of the principles and elements of design as they relate to developing skills in drawing, painting, and 2nd & 3rd design
- individual problem solving will be stressed in dealing with design assignments
- accomplishment of an increased number of assignments; grading is on a more advanced evaluation system
- a certain amount of research and writing

#### **PRE-AP/PRE-IB ART 1**

Prerequisite: None

#### **ART2 DRAW**

Grade: 10-12 Credit: 1

This course emphasizes:

- further studies of art elements, principles through drawing
- study of various media as pen and ink, scratchboard, colored pencils, pencils, pastels, and oil pastels
- development of individual styles using various techniques and tools
- study of art history in conjunction with drawing

#### **ART 2 DRAWING**

Prerequisite: Art 1

#### **ART2 PAINT**

Grade: 10-12 Credit: 1

This course emphasizes:

- painting in various media; water color, acrylic, tempera, with an emphasis on acrylic painting
- study of color and color theory
- study of various application techniques
- study of historical and contemporary painting as relates to the various projects
- extension of technical skills

#### **ART 2 PAINTING**

Prerequisite: Art 1

#### **ART2 PAP/PIB**

Grade 10 Credit: 1

Prerequisite: Art 1PRE-IB

This course emphasizes:

- Continuation of Art 1 PRE-IB
- Analytical presentation of design elements and principles
- Overview of art history
- Development of drawings, paintings, and sculptural skills
- Decision making

#### **PRE-AP/PRE-IB Art 2**

- Development of critical thinking skills

### **ART3 PAINT**

Grade: 11-12 Credit: 1

This course emphasizes

- extends and refines technical skills
- uses a variety of painting styles and media, and tools including air brush
- art elements and principles are used in in-depth design problems
- experiences abstract, non-objective, and realistic approaches in painting
- historical/cultural heritage related to painting is investigated
- sketchbooks are used to stimulate thinking

### **ART 3 PAINTING**

Prerequisite: Art 1, Art 2

### **ART4 PAINT**

Grade: 12 Credit: 1

This course emphasizes:

- individualized study; exploration of more technical processes
- exploration of career opportunities
- creative thinking is challenged
- compilation of a portfolio for presentation
- keeping a journal/sketchbook
- preparation of research project in art history
- personal exhibit before graduation

### **ART 4 PAINTING**

Prerequisite: Art1-3; Painting

### **ART2 CERM**

Grade: 10-12 Credit: 1

This course emphasizes:

- Emphasis on clay form and techniques
- Pinch pot, coil, slab, and wheel throwing
- Emphasis on individual conceptual ideas
- Surface design and treatment
- Historical and cultural significance of container design

### **ART 2 CERAMICS**

Prerequisite: Art 1

### **ART3 DRAW**

Grade: 11-12 Credit: 1

This course emphasizes:

- extends and refines technical skills
- uses a variety of painting styles and media; use of tools including air brush art elements and principles that are used in in-depth design problems
- experiences abstract, non-objective, and realistic approaches in painting
- historical/cultural heritage related to painting is investigated
- sketchbooks are used to stimulate thinking

### **ART 3**

Prerequisite: Art 1-2

### **ART4 DRAW AP**

Grade: 12 Credit: 1

This course emphasizes:

- individualized study, exploration of more technical processes
- exploration of career opportunities, creative thinking is challenged
- compilation of a portfolio for presentation, keeping a journal/sketchbook
- preparation of research project in art history, personal exhibit before graduation, functions of visual elements

### **ART 4 AP**

Prerequisite: Art 1-3

### **ART SL IB**

Grade 11 Credit: 1

This course emphasizes:

- Develop aesthetic, imaginative and creative facilities
- Stimulate and develop visual awareness, perception and criticism of the arts of various cultures
- Enable students to discover, develop and enjoy means of creative visual expression
- Encourage pursuit of quality, through training, individual experiment and persistent endeavor
- Encourage a lively, inquiring and informed attitude towards art and design in all its forms.
- Original research
- Sketchbook journal
- Higher level drawing and painting
- Expression of self through creating and producing works of art.
- Explore art forms from cultures throughout the world.

### **IB ART SL**

Prerequisite: Art 2 PRE-IB

### **ART HL IB**

### **IB ART SL**

Grade 12                      Credit: 1                      Prerequisite: IB Art 3/4

This course emphasizes:

- Continuation of IB Art 3/4
- Student Art Exhibition
- Art research workbook
- Art portfolio
- Develop aesthetic, imaginative and creative facilities
- Stimulate and develop visual awareness, perception and criticism of the arts of various cultures
- Enable students to discover, develop and enjoy means of creative visual expression
- Encourage pursuit of quality, through training, individual experiment and persistent endeavor
- Encourage a lively, inquiring and informed attitude towards art and design in all its forms.
- Original research
- Sketchbook journal
- Higher level drawing and painting
- Course culminates in an IB exam with possibility of earning college credit
- The content requirements for IB Visual Art as prescribed by the IB Organization
- Expression of self through creating and producing works of art.
- Explore art forms from cultures throughout the world.

#### **ART2DDP AP**

#### **ADVANCED PLACEMENT ART 2-DIMENSIONAL DESIGN PORTFOLIO**

Grade: 11-12                      Credit: 1                      Prerequisite: Art I, any Art II class

This course emphasizes:

- college level course work; practical experience of art is needed
- portfolios for evaluation at the end of the school year (this portfolio is intended to address a very broad interpretation of two-dimensional design issues using a variety of art forms)

## ***Band***

#### **BANDCONC1-2**

Grade: 9-10                      Credit: 1-2

#### **CONCERT BAND 1-2**

Prerequisite: Audition

This course emphasizes:

- development of individual & ensemble skills
- intermediate instrumental skills
- fall activities include football games, pep rallies, marching contests, parades
- spring activities include concerts, concert & sight-reading contest, spring trip
- discipline, spirit and team work
- same as other bands - perception, etc

#### **BANDSYM2-4**

Grade: 10-12                      Credit: 2-3

#### **SYMPHONIC BAND 2-4**

Prerequisite: Audition

This course emphasizes:

- musical perception, creative expression/performance, historical/cultural heritage, respond to and evaluate musical performances
- development of individual and ensemble skills
- advanced instrumental skills
- fall activities include football games, pep rallies, marching contests, parades
- spring activities include concerts, concert and sight-reading contest, spring trip
- discipline, spirit and team work

#### **BANDWIND1-4**

Grade:9-12                      Credit: 1-4

#### **WIND ENSEMBLE 1-4**

Prerequisite: Audition

This course emphasizes:

- musical perception, creative expression/performance, historical/cultural heritage, respond to and evaluate musical performances
- development of individual and ensemble skills
- advanced instrumental skills
- fall activities include football games, pep rallies, marching contests, parades
- spring activities include concerts, concert and sight-reading contest, spring trip
- discipline, spirit and team work

#### **BANDJAZZ1-4**

Grades: 9-12                      Credit: 1-4

#### **JAZZ BAND 1-4**

Prerequisite: Audition

This course emphasizes:

- development of individual skills and group musical skills
- participation in many group functions, concerts and contests

**BANDPERBAT1-4 PERCUSSION BATTERY 1-4**

Grades: 9-12 Credit: 1-4 Prerequisite: Audition

This course emphasizes:

- development of fundamentals and technique as pertains to all percussion instruments
- participation in many group functions, concerts and contests
- participation in UIL percussion ensembles; participation in marching drum line

**BANDPERPIT 1-4 PERCUSSION CLASS – PIT**

Grade: 9-12 Credit: 1-4 Prerequisite: Audition

This course emphasizes:

- development of individual and ensemble marching percussion skills
- fall activities include football games, pep-rallies, marching contests, parades
- discipline, spirit and team work

**BANDFLAG 1-4 COLOR GUARD (FLAGS)**

Grade: 9-12 Credit: 1/2 – 2 Prerequisite: Audition

This course emphasizes:

- development of flag, dance and marching skills
- performance of routines incorporating flags, dance, costumes and various props
- performs at football, basketball games, pep rallies, marching contests and parades
- **may satisfy the PE graduation requirement**

## Choir

**CHOIRBASS1-4**

Grade: 9-12 Credit: 1-4

This course emphasizes:

- development of individual and group skills
- participation in many group functions

**VOCAL ENSEMBLE - BOYS**

Prerequisite: None

**CHOIRTREB1-4**

Grade: 9-12 Credit: 1-4

This course emphasizes:

- development of individual and group skills
- participation in many group functions

**VOCAL ENSEMBLE - GIRLS**

Prerequisite: None

**CHOIR1-4**

Grade: 9-12 Credit: 1-4

This course emphasizes:

- development of individual music reading skills
- TMEA/UIL competitions
- applications of basic music theory; participation in many group activities and performances

**CONCERT CHOIR**

Prerequisite: Audition

**CHORALE 1-4**

Grade: 9-12 Credit: 1-4

This course emphasizes:

- development of individual music reading skills
- TMEA/UIL competitions
- applications of basic music theory; participation in many group activities

**CHORALE TREBLE**

Prerequisite: Audition

**CHOIRVOC 2-4**

Grade: 9-12 Credit: 1-4

- development of individual and group skills
- participation in many group functions

**VOCAL ENSEMBLE ( GOOD VIBRATIONS)**

Prerequisite: Chorale and audition

**ROBERT E. LEE**

## Orchestra

**BANDORCH1-4**

Grade: 9-12 Credit: 1-4

This course emphasizes:

- development of individual skills at the intermediate and advanced levels
- participation in many group functions
- TMEA and UIL competition

**ORCHESTRA-STRINGS**

Prerequisite: None

**BANDPHIL 1-4****PHILHARMONIC ORCHESTRA**

Grade: 9-12      Credit: 1      Prerequisite: None

This course emphasizes:

- basic ensemble performance
- individual skills development

**BANDSYM 1-4**

Grade: 9-12      Credit: 1

**SYMPHONY ORCHESTRA**

Prerequisite: Middle school string classes or private instruction

This course emphasizes:

- development of individual skills at the intermediate and advanced levels
- participation in many group functions
- TMEA and UIL competition

**BANDFID 1-4**

Grade: 9-12      Credit: 1

**SWING FIDDLING**

Prerequisite: None

This course emphasizes:

- Basic ensemble performance
- Individual skills development

## *Theater*

**THARTS1**

Grade: 9-12      Credit: 1

**THEATER ARTS 1**

Prerequisite: None

This course emphasizes:

- live stage performance appreciation and audience etiquette
- basic theories of acting
- basic theories of play production
- individual and ensemble (group) performances required
- required attendance at live theatrical productions

**THPROD1**

Grade: 9-12      Credit: 1

**THEATER PRODUCTION 1 : Musical Theatre**

Prerequisite: Auditions to be done in April

This course emphasizes:

- live stage performance including singing, dancing, and acting
  - basic theories of acting, singing, and dancing
  - basic theories of musical production.
  - individual and ensemble (group) performances required
- required attendance at live theatrical productions

**THARTS1 APP**

Grade: 9-12      Credit: 1

**THEATER ARTS 1 APPRECIATION**

Prerequisite: None

This course emphasizes:

- theatre from an audience point of view
- theatre history, plays and playwrights
- an overview of the acting process and the technical process
- the art of dramaturgy (critique of the theatre)
- a brief study in film history and where film is currently

**THARTS2-4**

Grade: 10-12      Credit: 1-3

**THEATER ARTS 2-4**

Prerequisite: Taken in sequence

This course emphasizes:

- in-depth acting techniques and character development
- basic directing techniques and practical applications
- theater history and period acting styles
- production work in technical theater and production
- individual and ensemble performances required

**THTECH 1**

Grade: 9-12      Credit: 1

**TECHNICAL THEATER 1**

Prerequisite: None

Prerequisite: 9th grade

This course emphasizes:

- appreciation and understanding of the role of technical theatre
- theatre production concepts and skills
- exploration of theatrical scenery, properties, lights and sound study of career opportunities
- production crew work required and live theatre attendance required

**THTECH 2-3**

Grade: 10-12      Credit: 1 – 3

**TECHNICAL THEATER II-III**

Prerequisite: Technical Theatre I

This courses emphasizes:

- advanced study and practice in stagecraft
- crew leadership responsibilities
- study of career opportunities
- design projects
- production work required

## Additional Curriculum Components

### AVID

#### AVID 1, 2, 3, 4

Grade: 9-11

#### ADVANCEMENT VIA INDIVIDUAL DETERMINATION

Credit: 1

Prerequisite: Committee Approval

Enrolled in one or more advanced level classes, Note-taking skills, subject-specific study groups

Writing to learn, test-taking skills, rigorous and relevant curriculum, Socratic method

Extracurricular activities as such as cultural and career events

### TEEN LEADERSHIP

#### TEENLEAD

Grade: 10-12

Credit: 1/2

#### TEEN LEADERSHIP

Prerequisite: Desire to learn about principled, servant leadership

This course emphasizes:

- development of personal character, integrity and ethical leadership
- application of personal leadership skills
- building presentation and speech making skills
- **may satisfy communication application graduation requirement, based on teacher availability**

### COMPUTER SCIENCE

#### COMPSCI1 PAP/PIB

Grade: 9-12

Credit: 1

#### COMPUTER SCIENCE - PRE-AP/PRE-IB

Prerequisite: Algebra I and Geometry; keyboarding proficiency

**This course is approved for Technology Applications credit.**

This course emphasizes:

- problem solving with a strong level of computer interest and a willingness to investigate programming methodologies
- independent team analysis of prewritten programs; develop algorithms; write program specifications; code and test programs
- investigate uses for computer programs; program solutions to given problems and problem situations; examine career options
- Visual BASIC and introductory C++ programming languages
- Students will have opportunities to compete in UIL, BPA, and ACM events

#### COMPSCI2 AP

Grade: 10-12

Credit: 1

#### COMPUTER SCIENCE - AP

Prerequisite: AP Computer Science I

**This course is approved for Technology Applications credit.**

This course emphasizes:

- programming methodology and style; program analysis, algorithm analysis, data abstractions, and dynamic data structures
- object-oriented programming; advanced problem solving and programming in C++ and Java
- preparation for the College Board Computer Science AP Advanced Placement Exam
- content is based on approved College Board Curriculum for the AP Computer Science II course; competition in UIL, BPA, and ACM events

#### COMPSCI1 IB

Grade: 10-12

Credit: 1

#### COMPUTER SCIENCE I - IB

Prerequisite: AP Computer Science I

**This course is approved for Technology Applications credit.**

This course emphasizes:

- programming methodology and style; program analysis, algorithm analysis, data abstractions, and dynamic data structures
- object-oriented programming; advanced problem solving and programming in C++ and Java
- preparation for the College Board Computer Science AP Advanced Placement Exam
- content is based on approved College Board Curriculum for the AP Computer Science II course; competition in UIL, BPA, and ACM events

#### COMPSCI2 IB

Grade: 10-12

Credit: 1

#### COMPUTER SCIENCE II - IB

Prerequisite: IB Computer Science I

**This course is approved for Technology Applications credit.**

This course emphasizes:

- programming methodology and style; program analysis, algorithm analysis, data abstractions, and dynamic data structures
- object-oriented programming; advanced problem solving and programming in C++ and Java
- preparation for the College Board Computer Science AP Advanced Placement Exam

- content is based on approved College Board Curriculum for the AP Computer Science II course; competition in UIL, BPA, and ACM events

### **INFTECHGS IB**

### **IB - ITGS (Info Tech in a Global Society)**

Grades 11 or 12 Credits: 1

This course emphasizes:

- Understand and critically examine the global impact of IT developments.
- Demonstrate, analyze, and evaluate social and ethical implications of IT systems and developments at local, national and global level
- Develop a portfolio of individually researched studies related to the global impact of IT
- Design and apply IT solutions to a problem in a set social context
- Express ideas clearly and coherently with supporting arguments and examples.
- Satisfy requirement of IB by producing a portfolio and project.
- Syllabus will focus on :
  - Social and Ethical Issues
    - Integrity, Reliability, Equality of Access, Control
    - Security, Authentication, Privacy and Anonymity
    - Globalization and Cultural Diversity
    - Policies and Standards
  - IT Systems in a Social Context
    - Hardware & Networks
    - Knowledge of Applications: Databases, Spreadsheets, Desktop Publishing, Images, Sounds, Presentations, Modeling and Simulations, Tutorials, Training, etc.
    - Communication Systems: Internet, Public Communications, Personal Communication
    - Integrated Systems: Robotics, Artificial Intelligence & Expert Systems
  - Areas of Impact
    - Business & Employment
    - Education
    - Health
    - Arts, Entertainment, and Leisure
    - Science and the Environment
    - Politics and Government

### **LOCAL CREDIT COURSES**

The District may offer one or more courses for local credit. Such courses shall not be counted toward state graduation requirements but may be counted toward local unit credit in addition to state graduation requirements. Grades earned in local credit courses shall be used to compute class rank and standing.

### **NON CREDIT COURSES**

Seniors, who have passed all parts of TAKS, may choose to take one block daily off. This time can be used to attend college, to study, or to work. No credit is awarded for senior early release periods. Students may also serve as an office, teacher, counselor, or library aide. No credit is awarded for an aide position.

# Special Education Curriculum Components

(Locally Developed – Placement determined by  
ARD Committee)

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Special Education services are available on the campus of each secondary school in Tyler. Students receive Special Education services as determined by the Admission, Review Dismissal (ARD) Committee which develops an Individual Educational Plan (IEP). Classes taught by special educators focus on attainment of grade level skills for graduation or functional academic skills and the development of social, pre-vocational, and vocational skills that insure successful integration into the community and the world of work. If the ARD committee determines the need for modified curriculum, the student cannot graduate under the Recommended or DAP graduation plan.

The secondary program of a student receiving special education services shall terminate either with graduation or when the student no longer meets the age requirement of eligibility in the Texas Education Code, 29.001 and 29.003. A student receiving special education services who is younger than 22 years of age on September 1 of a scholastic year shall be eligible for services through the end of that scholastic year or until graduation. Graduation constitutes a release from services and is a change in placement. A student may be graduated according to the provisions specified in either subparagraph (A), (B), or (C):

- (A) A student receiving special education services may be graduated upon having satisfactorily completed the minimum academic credit requirements for graduation applicable to students in regular education, including satisfactory performance on the exit level instrument.
- (B) A student receiving special education services may also be graduated upon the determination by the ARD committee that the student has completed requirements specified in the IEP, including minimum credit requirements, which have resulted in one of the following:
  - (1) full-time employment, based on the student's abilities and local employment opportunities, in addition to sufficient self-help skills to enable the student to maintain the employment without direct and ongoing educational support of the local school district; or
  - (2) demonstrated mastery of specific employability skills and self-help skills which do not require direct ongoing educational support of the local school district; or
  - (3) access to services which are not within the legal responsibility of public education, or employment or educational options for which the student has been prepared by the academic program.
- (C) A student receiving special education services may also be graduated upon the determination by the ARD committee that the student no longer meets age eligibility requirements and has completed the requirements specified by the IEP.

#### **VOCATION/CAREER COOPERATIVE PROGRAM**

The vocational/career coop program is an instructional arrangement developed to assist students in making a smooth transition from the classroom to the workforce. Placement and course credit are determined by the ARD committee and require a minimum age of 16 years. Students are taught academics as well as other courses included in the general curriculum related to employment, as well as receiving the opportunity for gainful and successful employment experiences. Students enrolled in the Vocational/Career Coop Program participate part-time or full-time in either school or community employment.

# College Search Websites and Four Year Academic Plan

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\*Students need to be aware that websites may sell personal data.

[www.tylerisd.org](http://www.tylerisd.org)

TISD website

[www.access.bridges.com](http://www.access.bridges.com) college information, career planning

Bridges student sign on:

Portfolio Name: "TISD plus student ID" ex.: TISD102345

Password: "D plus date of birth" ex.: Dmmddyyy

Bridges parent drop in: Click Site ID tab

Site ID: 1222130

Password: tylerisd

[www.thea.nesinc.com](http://www.thea.nesinc.com)

THEA registration

[www.fastweb.com](http://www.fastweb.com)

Scholarship searches

[www.tjc.edu](http://www.tjc.edu)

TJC website

[www.uttyler.edu](http://www.uttyler.edu)

UT Tyler website

[www.texascollege.edu](http://www.texascollege.edu)

Texas College website

[www.fafsa.ed.gov](http://www.fafsa.ed.gov)

Free Application For Federal Student Aid

[www.window.state.tx.us/scholars/](http://www.window.state.tx.us/scholars/)

Information about colleges and universities in Texas  
comprehensive website

[www.collegeforalltexas.com](http://www.collegeforalltexas.com)

test prep

[www.testpreview.com](http://www.testpreview.com)

get your PIN # for FAFSA. Both you and your parents need a PIN #  
for state colleges and universities in Texas

[www.pin.ed.gov](http://www.pin.ed.gov)

for selective colleges and universities

[www.applytexas.org](http://www.applytexas.org)

register for SAT/send scores to colleges

[www.commapp.org](http://www.commapp.org)

register for ACT/send scores to colleges

[www.collegeboard.com](http://www.collegeboard.com)

register with the Clearinghouse for college athletics

[www.act.org](http://www.act.org)

[www.ncaaclearinghouse.net](http://www.ncaaclearinghouse.net)

<http://collegesearch.collegeboard.com/apcreditpolicy/index.jsp> AP credit policy

user friendly career/college search website

<http://collegesearch.ed.gov>

TAKS review

[www.tea.state.tx.us/student.assessment](http://www.tea.state.tx.us/student.assessment)

TAKS review

[www.track.uttelecampus.org](http://www.track.uttelecampus.org)

Texas Higher Coordinating Board

[www.thecb.state.tx.us](http://www.thecb.state.tx.us)

	English	Mathematics	Science	Social Studies					
Grade 9	English I	* Algebra I * Geometry Algebra II	Biology	W. Geography	BUSIM1 or Touch System Data Entry	Fine Art	PE Equiv	Foreign Lang. or Elective	
Grade 10	English II	* Geometry Algebra II Pre-Calc	* IPC Chemistry	World History					
Grade 11	English III	Algebra II Pre-Calc Calculus Math Models Statistics	Chemistry Physics Prin. Tech I	US History					
Grade 12	English IV	Algebra II Pre-Calc Calculus Statistics	Chemistry Physics Prin. Tech I 4th Science	Government & Economics					

*This sequence is only a guide. In some instances, courses may be taken at another grade level. \* Denotes requirements may be met at middle school*

Additional Courses Required for Graduation			NOTES:
Foreign Lang. 1		Pe Equiv (1)(DAP 1.5)	
Foreign Lang. 2		Health (DAP .5)	
Foreign Lang. (DAP 3)		Comm. Appl. (.5)	
Fine Art			
Tech Appl. 1		DAP = Distinguished	

