

Olton High School

Curriculum Catalog 2009-2010



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**7th and Avenue G
Olton, TX 79064
806-285-2691
Fax 806-285-3316
www.oltonisd-esc17.net**



Olton High School Curriculum Catalog

Olton ISD does not discriminate on the basis of race, religion, color, national origin, sex, or handicap in providing educational services. The Superintendent has been designated to coordinate compliance with the nondiscrimination requirements of Title IX.

This booklet has been designed as a concise, yet comprehensive introduction to the opportunities available at Olton High School. Take some time to consider the courses that will best suit your individual needs. Pay particular attention to the requirements for the different graduation plans. You must meet these requirements in addition to successfully completing the Exit Level Texas Assessment of Knowledge and Skills (TAKS).

As you choose your courses, please keep in mind your career plans as well as the prerequisites required to enroll in a class. Teachers and the counselor will recommend courses, but the final decision rests with the student and parent. Classes will be formed and schedules developed by the selections students make.

Retain this booklet for future use and reference. It will be a valuable tool in planning your secondary education. Check with colleges you plan to attend to find out current requirements for admission so that you can plan your high school courses to meet these college requirements.

GENERAL INFORMATION

BEGINNING WITH THE CLASS OF 2009 THE FOLLOWING CRITERIA LISTED BELOW WILL BE USED TO DETERMINE CLASS RANK, TOP TEN PERCENT, AND THE HIGHEST RANKING STUDENT.

Class Ranking

Graduates shall be ranked in the following order:

1. Valedictorian (highest average)
2. Salutatorian (next highest average)
 - Students must meet course requirements for valedictorian and salutatorian to be ranked in the top ten percent.

Any student of the graduating class who has a 90 average for the academic curriculum courses will be designated as an honor student.

To be eligible for valedictorian or salutatorian, a student must have completed two consecutive years (4 semesters) at Olton High School and must have followed either the Recommended Program or the Distinguished Achievement Program.



Grade Point Average (GPA) Criteria

The GPA is a measure of the students' total academic performance beginning in the ninth grade. The grade point averages are calculated by adding the grade points earned for each course and dividing by the total number of courses. Ranking will be updated at the end of each semester. An Early Computation will be done for seniors upon completion of all college classes in the Spring Semester. * Certain classes from the 8th grade will also count.

All grades count toward GPA and class rank (including college classes taken through Olton High School) except: physical education (athletics), yearbook, and student aide.

A weighted grade point system is used for determining class rank. The scale below will be used:

Grades	Regular Grade Points	Weighted Points	Distance Learning & College Credit Courses
100	5.0	6.0	7.0
99	4.9	5.9	6.9
98	4.8	5.8	6.8
97	4.7	5.7	6.7
96	4.6	5.6	6.6
95	4.5	5.5	6.5
94	4.4	5.4	6.4
93	4.3	5.3	6.3
92	4.2	5.2	6.2
91	4.1	5.1	6.1
90	4.0	5.0	6.0
89	3.9	4.9	5.9
88	3.8	4.8	5.8
87	3.7	4.7	5.7
86	3.6	4.6	5.6
85	3.5	4.5	5.5
84	3.4	4.4	5.4
83	3.3	4.3	5.3
82	3.2	4.2	5.2
81	3.1	4.1	5.1
80	3.0	4.0	5.0
79	2.8	3.8	4.8
78	2.6	3.6	4.6
77	2.4	3.4	4.4
76	2.2	3.2	4.2
75	2.0	3.0	4.0
74	1.8	2.8	3.8
73	1.6	2.6	3.6
72	1.4	2.4	3.4
71	1.2	2.2	3.2
70	1.0	2.0	3.0
69 & Below	0.0	0.0	0.0

Grade Scale: 90-100 A; 80-89 B; 70-79 C; 0-69 F



College Plans

Students who plan to attend college should follow either the Recommended Program or the Distinguished Achievement Program. Various tests are required for college entrance as well as scholarships:

- Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test (PSAT/NMSQT) may be taken during the junior year.
- Scholastic Assessment Test (SAT) and the American College Test (ACT) can be taken at any time during the student's high school career. Many colleges recommend that students take the SAT and/or the ACT in the spring semester of the junior year.
- Texas Higher Education Assessment (THEA) or Accuplacer is taken at the end of the senior year or as needed to meet college entrance requirements.

Credit for Courses

In order to earn credit for a class, a student must be present for at least 90 percent of the days in which the course is offered and earn a grade of 70 or above.

Credits Required for Graduation

Freshman Class of 2007-2008 and thereafter

Distinguished Achievement Program (26 Credits)

English Language Arts	4.0 Credits
<i>English I, II, III, & IV</i>	
Mathematics	4.0 Credits
<i>Algebra I, Algebra II, Geometry, and a fourth math course for which Algebra II is a prerequisite.</i>	
Science	4.0 Credits
<i>Biology, Chemistry, Physics, plus an additional lab-based course</i>	
Social Studies	3.5 Credits
<i>World History, World Geography, U.S. History, Government</i>	
Economics	0.5 Credit
Physical Education	1.5 Credits
Languages other than English	3.0 Credits
Health Education	0.5 Credit
Technology Applications	1.0 Credit
Fine Arts	1.0 Credit
Speech	0.5 Credit
Electives	2.5 Credits
(Students must also complete four advanced measures as designated in the Distinguished Academic Program graduation plan.)	



**Recommended Plan
(26 Credits)**

English Language Arts	4.0 Credits
<i>English I, II, III, & IV</i>	
Mathematics	4.0 Credits
<i>Algebra I, Algebra II, Geometry, and a fourth math course</i>	
Science	4.0 Credits
<i>Biology, Chemistry, Physics, plus an additional lab-based course*</i>	
<i>*Integrated Physics and Chemistry will satisfy one of the lab-science requirements through 2011-2012.</i>	
Social Studies	3.5 Credits
<i>World History, World Geography, U.S. History, Government</i>	
Economics	0.5 Credit
Physical Education	1.0 Credits
Languages other than English	2.0 Credits
Fine Arts	1.0 Credit
Speech	0.5 Credit
Electives	5.5 Credits

**Minimum Program*
(22 Credits)**

(Requires approval by student's parents and a high school administrator.)

English Language Arts	4.0 Credits
<i>English I, II, III, & IV</i>	
Mathematics	3.0 Credits
<i>Algebra I, Geometry, and a third math course</i>	
Science	2.0 Credits
<i>IPC, Biology</i>	
Social Studies	2.5 Credits
<i>World History or World Geography, U.S. History, Government</i>	
Economics	0.5 Credit
Academic Elective	1.0 Credit
<i>World History, World Geography, or a science course</i>	
Physical Education	1.5 Credits
Health Education	0.5 Credit
Technology Applications	1.0 Credit
Fine Arts	1.0 Credit
Speech	0.5 Credit
Electives	8.5 Credits



**Graduation Requirements
Seniors 2010**

**Distinguished Achievement Program
(25 Credits)**

English Language Arts <i>English I, II, III, & IV</i>	4.0 Credits
Mathematics <i>Algebra I, Algebra II, Geometry</i>	3.0 Credits
Science <i>IPC, Biology, Chemistry</i>	3.0 Credits
Social Studies <i>World History, World Geography, U.S. History, Government</i>	3.5 Credits
Economics	0.5 Credit
Physical Education	1.5 Credits
Languages other than English	3.0 Credits
Health Education	0.5 Credit
Technology Applications	1.0 Credit
Fine Arts	1.0 Credit
Speech	0.5 Credit
Electives	3.5 Credits

Students must also complete four advanced measures as designated in the DAP graduation plan.

**Recommended Plan
(25 Credits)**

English Language Arts <i>English I, II, III, & IV</i>	4.0 Credits
Mathematics <i>Algebra I, Algebra II, Geometry</i>	3.0 Credits
Science <i>IPC, Biology, Chemistry</i>	3.0 Credits
Social Studies <i>World History, World Geography, U.S. History, Government</i>	3.5 Credits
Economics	0.5 Credit
Physical Education	1.0 Credits
Languages other than English	2.0 Credits
Fine Arts	1.0 Credit
Speech	0.5 Credit
Electives	6.5 Credits



Minimum Program*
(25 Credits)

(Requires approval by student's parents and a high school administrator.)

English Language Arts <i>English I, II, III, & IV</i>	4.0 Credits
Mathematics <i>Algebra I, Algebra II, Geometry</i>	3.0 Credits
Science <i>IPC, Biology</i>	2.0 Credits
Social Studies <i>World History or World Geography, U.S. History, Government</i>	2.5 Credits
Economics	0.5 Credit
Academic Elective <i>World History, World Geography, or a science course</i>	1.0 Credit
Physical Education	1.5 Credits
Health Education	0.5 Credit
Technology Applications	1.0 Credit
Fine Arts	1.0 Credit
Speech	0.5 Credit
Electives	7.5 Credits

Grade Level Status for UIL Eligibility

High school students shall be classified for UIL eligibility on the basis of credits earned as indicated below. After ninth grade, students are classified according to the number of credits earned. This classification has no application to graduation.

<u>Credits Earned</u>	<u>Classification</u>
5	Grade 10 (Sophomore)
10	Grade 11 (Junior)
15	Grade 12 (Senior)

National Honor Society

Selection to NHS is a privilege, not a right. Students do not apply for membership in the National Honor Society; instead, they provide information to be used by the Faculty Council to support their candidacy for membership. Membership is granted only to those students selected by the Faculty Council. The Faculty Council consists of five teachers selected by the principal. This is not an election, nor is membership automatically conveyed simply because a student has achieved a specified level of academic performance.

The Faculty Council selects students who demonstrate outstanding performance in all five criteria of scholarship, leadership, service, citizenship, and character. The Faculty Council identifies students with a cumulative average of 90%. Students identified with a cumulative average of 90% are invited to make application for membership to the NHS.



Applications not received prior to the deadline will not be considered for membership. Each of the applicant’s teachers is given a student evaluation form used to support the applicant’s strength in the areas of scholarship, leadership, service, citizenship, and character.

After the faculty evaluation forms are complete, the Faculty Council meets to review all information gathered (grades, student application, attendance, discipline record, and faculty evaluation forms) on each candidate. After discussing each candidate, the Faculty Council votes on whether or no the student will be inducted into the NHS. The vote must be a majority either for or against induction. Students and parents will be notified in writing if the student has been chosen for induction into the NHS.

Progress Reports

Progress reports will be issued at the three week point of each six weeks grading period. Progress reports will be mailed home if a student’s average is below 75 in any class. All other progress reports will be issued to the student.

Report Cards

Report cards are mailed the week after the end of each six weeks grading period.

Texas Assessment of Knowledge and Skills (TAKS)

Every student who attends a Texas public school will be administered the Texas Assessment of Knowledge and Skills (TAKS). An exit level examination is a required part of this test and each student must master all parts of this examination in order to be eligible to graduate from high school. A high school diploma will be issued upon successful mastery of the section(s) of the test.

Tech –Prep Courses

Tech-Prep courses are courses that are taken at the high school and when- completed- in the junior or senior year, the student may be able to articulate this course for college credit in a Texas program. The enrollment requirements for Dual Credit Courses do not apply to Tech Prep Courses. To receive the college credit from South Plains College, the teacher must have the appropriate training and the student must maintain an average of “80” or above in the course. Olton ISD has an articulation agreement with South Plains College for the courses listed below. This agreement makes it possible for students to earn up to 12 hours of college credit from SPC while taking high school courses.

High School Courses	Credit	SPC Course	Hours
BCIS I	1.0	Intro to Computers	4
BCIS II	1.0	Intro to Computers	4
Accounting	1.0	Intro to Accounting I	3
Child Development	1.0	Intro to Early Childhood Edu.	3
Ready, Set, Teach 1	1.0	Intro to Early Childhood Edu.	3
Business Image Mgt.	1.0	Digital Publishing	3



Dual Credit Courses

The Early Admissions and Dual Credit Program at South Plains College allows selected students to enroll in **college-level courses** and earn college credit while a junior or senior in high school. In certain cases, these college credit courses can be applied toward the student's high school credit requirements for graduation. Enrollment in dual credit courses other than those offered and approved by Olton ISD must be approved by the principal and superintendent.

Here are some key concepts which define the program:

EARLY ADMISSIONS refers to the process which allows high school juniors and seniors the opportunity to enroll in college-level courses at South Plains College and receive college credit upon successful completion of the course.

DUAL CREDIT refers to the granting of high school graduation credit for college courses taken at South Plains College. The policies of the local independent school district govern the granting of such credit.

CONCURRENT ENROLLMENT refers to a cooperative agreement between South Plains College and the local independent school district. Students participating in concurrent enrollment classes are enrolled in a course which satisfies both high school and college-level requirements. These courses are generally offered at the high school campus.

Qualifying for Early Admissions

In order to participate in these programs, high school students must meet certain guidelines. Eligible students must:

- Have completed at least 14 high school credits.
- Be a junior or senior.
- Pass the portion of the TAKS required for the course requested.
- Have an overall 85 average or above in completed high school courses.
- Have permission of parents and the high school principal.
- Meet college entrance requirements.
- Submit an Application for Admission and Application for Early Admission with approval signatures from the high school principal and student's parents.
- Submit an official high school transcript.
- Submit an Olton ISD Dual Credit Agreement form.



Enrollment Requirements

Once a student has been accepted for early admission for dual credit or college credit, he or she is subject to additional requirements in order to assure the student success in the college courses and in order to maintain the integrity of the program. These other requirements include the following.

- Students accepted for early admissions will be admitted under the college's conditional entrance policy. Admission status will change to "high school graduate" upon graduation from high school.
- Assessment will be required prior to actual enrollment in a course. Assessment is Pass the portion of the TAKS required for the course requested.
- Achieved through ACT/SAT test scores when available or through college-administered assessment tests. Required levels of assessment have been identified for all courses and must be met before a student will be allowed to enroll in the course.
- All college guidelines regarding curriculum, evaluation of the course, class requirements and attendance will be followed.
- Olton ISD currently has a grant that pays for tuition and books for dual credit students. If the grant becomes unavailable, the regular college tuition and applicable fees will be charged to each student.

Awarding of Credit

Upon completion of the course, students will earn college credit which will be immediately transcribed. Grades below 70 are considered failing grades at high school due to Texas Education Agency policy.

Failure of a dual credit course may result in the student being placed on Academic Probation or Academic Suspension by South Plains College.

UIL Eligibility

Students who take dual credit courses are still eligible for UIL competition provided:

- The courses taken at the college are not directly related to the student's UIL competition. For example, a student taking college journalism courses cannot participate in ready writing or UIL journalism competition. A student taking college music theory cannot participate in UIL band competitions.
- Early admissions students who participate in UIL events meet all requirements for full-time high school attendance. Enrollment in collegiate courses cannot substitute for high school enrollment in meeting this requirement.
- The student remains enrolled in the college course to completion. Students who drop a college course are subject to forfeiting UIL eligibility.

UIL participation should be closely monitored by the high school counselor/principal.



How to Enroll

1. Students wishing to participate should talk with their parents and high school counselor before enrolling. Then, the student must obtain an Early Admissions Permission Form from the high school counselor and have the form signed by a parent and their high school principal. Students return the Early Admissions form, a completed TSI Status form, a high school transcript, and a completed South Plains Enrollment Application to South Plains College or to the High School Counselor before August 1st. (All forms are available at the OHS Counselor's office.)
2. The following testing scores meet the requirements for enrollment:

Exit Level TAKS test: ELA score of 2200 with a 3 Essay for College English & US History online; Math score of 2200 for College Algebra, College Pre-Calculus, and College Trig.

10th Grade TAKS test: ELA score of 2200 with a 3 Essay for College English & US History online; Math score of 2200 for College Algebra, College Pre-Calculus, and College Trig.

Accuplacer: Reading Comprehension of 78 for US History online; Reading Comprehension score of 78, Sentence Skills of 80, and a TxWriteplacer score of 6 for College English; Algebra score of 75 for College Algebra, College Pre-Calculus, and College Trig.

All testing requirements for enrollment must be completed on or before August 10, 2009.

3. Students will be enrolled in the classes through Campus Connect at the SPC website. This will be done prior to the first week of classes at OHS.
4. Students need to realize that the same procedure will need to be followed (with the exception of the testing) for the spring semester. Currently, students taking College Pre-Calculus do not have to register in the fall, but will register for the spring semester.

SPC Dual Credit Courses Available (subject to change)

Online Courses:

College English (Dual Credit for High School English 3 or 4 & College English 1301, 1302)

College English (Dual Credit for High School English 4 & College English 2331, 2332)

US History (Dual Credit for High School U.S. History & College History 1301, 1302)

Government (Dual Credit for U. S. Government & College Government 2301)

Psychology (Dual Credit for High School Psychology & College Psychology 2301)

Sociology (Dual Credit for High School Sociology & College Sociology 1301)

Economics (Dual Credit for High School Economics & College Economics 2301)



AG Food Technology (Dual Credit for High School Food Technology & College AGRI 1329)
Agribusiness (Dual Credit for High School Agribusiness & Management & College AGRI 2371)
Ag Personal Skills (Dual Credit for High School Ag Personal Skills & College AGRI 1231)

On Site Courses at Olton High School:

College Algebra (Dual Credit for High School Independent Study in Math 1 & College Math 1314)
College Trigonometry (Dual Credit for High School Independent Study in Math 2 & Math 1316)
College Pre-calculus (Dual Credit for High School Pre-calculus and College Math 2412)

Olton High School Course Syllabus

Agricultural Science

Ag 101 – Intro to World Agricultural Science and Technology(First Semester) .05
Prerequisite: None **All Grades**

This is a basic course designed to introduce beginning students in agriculture science to global agriculture. The course also includes agricultural career development, leadership, communications, and personal development.

Ag 102 - Applied Agriculture Science and Technology (Second Semester) .05
Prerequisite: Ag 101 **All Grades**

This is a basic applied course designed to enhance the agricultural comprehension of beginning students in agriculture science. The course includes soils, plants, animals, agricultural construction, food science, supervised occupational experience programs, and leadership.

Agricultural Food Technology (First Semester) .05
Prerequisite: Ag 101 & 102 **All Grades**

Food Technology is an exploratory course that introduces students to food science, with emphasis on world food production, food safety, consumer preferences, government regulations, and value-added processing. Topics and skill areas include carcass evaluation, retail cuts, packaging and labeling, fresh and preserved foods, fruits and vegetables, marketing, and displaying food products.

Animal and Plant Production (Second Semester) .05
Prerequisite: Ag 101 & 102 **All Grades**

This is a laboratory-oriented course that includes the essential elements and the concepts and skills related to animal and plant production and the management of soils as related to agriculture. The course also includes career opportunities, leadership activities, and managing records related to animal and plant production.



Agricultural Mechanics **1.0**
Prerequisite: Ag 101 & 102 **11-12 Grades**
This is a shop/laboratory-oriented course that includes the essential elements and the concepts and skills related to the introduction of agricultural mechanics. The course also includes agriculture career development and leadership.

Agricultural Metal Fabrication Technology (First Semester) **.05**
Prerequisite: Ag 101 & 102 **All Grades**
This course is designed as a technical course to develop skills in metal equipment assembly and joining processes. The course also addresses career opportunities, supervised agricultural experience programs, and leadership development.

Agricultural Power Technology Ag 323 **.05**
Prerequisite: Ag 101 & 102 **All Grades**
Agricultural Power Technology develops technical skills in the selection, operation, and maintenance of small air-cooled engines, multi-cylinder engines, electric motors, agricultural machinery, tractors, and hydraulic power systems.

Animal Science & Advanced Animal Science **1.0**
Prerequisite: Ag 101 & 102 **All Grades**
These courses combined for both semesters are designed to develop knowledge and skills pertaining to the nutrition, reproduction, health and management of domestic animals. This course also includes career opportunities, leadership activities, and naming records related to animal production.

Agriculture Structures Technology (First Semester) **.05**
Prerequisite: Ag 101 & 102 **All Grades**
This is a course preparing students to maintain, evaluate, design and build agricultural structures using approved construction techniques. The course also includes agricultural career development and leadership.

Home Maintenance and Improvement (Second Semester) **.05**
Prerequisite: Ag 101 & 102 **All Grades**
This is a shop-oriented course that specializes in the skills to up-keep, improve, and maintain a house. The course includes the development of electrical work, plumbing, design, and woodworking.

Personal Skills Ag 312 (First Semester) **.05**
Prerequisite: Ag 101 & 102 **All Grades**
This is a technical course designed to develop agricultural leadership, citizenship, and cooperation. It includes topics in personal development, employee/employer relations, and group and interpersonal communication skills. Instructional units on safety, entrepreneurship, record keeping, and career opportunities are included.



Agribusiness Management and Marketing Ag 373 (Second Semester) .05

Prerequisite: Ag 101 & 102 All Grades

Agribusiness Management and Marketing provides an introduction to agribusiness management in the free enterprise system with an emphasis on management of production agriculture. Instruction includes a study of basic management concepts, government policy, economic principles, budgeting, accounting, finance, risk management, factors of production, and marketing.

Wildlife Management Ag 381 (First Semester) .05

Prerequisite: Ag 101 & 102 11-12 Grades

Wildlife and Recreation Management is designed to examine the importance of wildlife and outdoor recreation. The emphasis is on the sound management of wildlife and all natural resources in a way that promotes continued use. Safety education programs for hunters, boaters, and anglers are emphasized.

Agricultural Resources Ag 481 (Second Semester) .05

Prerequisite: Ag 101 & 102 11-12 Grades

Agricultural Resources introduces students to concepts and skills needed to develop the agricultural resources in their communities. Units in this course include managing land, water, air, aquatic life, wildlife, forests, and outdoor recreation resources in the student's community. Taxidermy is included in this curriculum.

**Agribusiness Finance [Dual Credit Course] (First or Second Semester) .05
(Online Course)**

Prerequisites: TSI exemption or passing TSI scores 11-12 Grades

This course is an examination of the acquisition and use of capital in agriculture. Topics include fundamental record keeping principles, financial statements, cash flow and other instruments used in financial analysis.

**The Agricultural Industry [Dual Credit Course] (First or Second Semester) .05
(Online Course)**

Prerequisites: TSI exemption or passing TSI scores 11-12 Grades

This course is designed to assist the student to make adequate personal and social adjustments, recognize and develop aptitudes, interests, and skills for success, select attainable goals, and become acquainted with college policies, regulations, and curricula. An overview of World Agriculture, nature of the industry, resource conservation, and the American agricultural system; production, distribution, and marketing are included.

**Principles of Food Sciences [Dual Credit Course] (First or Second Semester) .05
(Online Course)**

Prerequisites: TSI exemption or passing TSI scores 11-12 Grades

Biological and scientific aspects of modern industrial food supply systems are presented in this course. Food classification, modern processing, and quality control are included.



Art

Art I (Full Year)

1.0

Prerequisite: None

All Grades

A survey of Art for those needing an elective that have no art experience. Art I is a foundation course that introduces students to a wide range of art techniques and materials. Students learn design elements and principles and use imagination, observation, and personal experience as inspiration for artworks. Students will be required to maintain a sketchbook and complete a research project. Students will use paints, pencils, markers, pastels, ceramics, printmaking and electronic media to create art. This is a required course for all upper level art classes.

Art II-General (Full year)

1.0

Prerequisite: Art I or equivalent

10-12 Grades

This is an upper level art class. First semester is all drawing, and the second semester is all ceramics. You must enroll for both of the classes. Drawing is an exploration of drawing materials and techniques that focuses on observation of man-made and natural subjects. Students will use pencil, charcoal, pastels, printmaking, and electronic media as materials. Ceramics explores the use of clay to create functional and non-functional art. The course concentrates on the use of the elements and principles of design such as texture, shape, and balance to create ceramic artworks. A sketchbook and research are required.

Art III-Special problems (Full year)

1.0

Prerequisite: Art II or equivalent

10-12 Grades

This is an upper level art class. The first semester is all sculpture, and the second semester is all electronic media. You must enroll for both classes. Sculpture explores three-dimensional constructions using a variety of materials. These may be, but are not limited to wire, metal, wood, found materials, and clay, or any combination of these materials. Electronic media uses the computer and graphics programs to create artworks. It will require learning the vocabulary and techniques associated with computer-generated art. Students will also use scanners, use digital cameras, and make CD's of their artworks in a portfolio format. A sketchbook and research are required.

Business

Administrative Procedures

0.5

Prerequisite: None

11-12 Grades

Administrative Procedures is designed to help students develop skills that are essential in their professional or business careers. Students learn to produce effective written messages for business correspondence, plan and prepare business presentations, learn cash and banking procedures, increase time management skills, schedule meeting and arrange travel, process mail, develop effective telephone communication, and expand human relation skills. Technology use includes Power Point, Office XP, and Internet.



Keyboarding**0.5****Prerequisite: None****All Levels**

Keyboarding provides many opportunities for students to apply keyboarding skills to real-life issues. It helps the learner master the touch control of typing on a keyboard, use proper key stroking, and master the proper manipulations of selective keyboarding functions based on diagnosis of individual needs. This course provides instruction in the production of letters, manuscripts, tabulations, business communications, reports and themes, and composition at the keyboard. It also includes many skill developments in proofreading, spelling, work division, punctuation, and correction techniques.

Record keeping**0.5****Prerequisite: None****All Levels**

This class includes skills used in everyday business activities both for personal and professional uses. It provides an opportunity to develop skills related to personal financial management as well as helping develop skills in budgeting, financial planning, cashier's records, handling of money, and tasks common to simple office practices. Record keeping helps develop understanding of and skills for maintaining accurate records of budgets, financial systems, money, checks, credit, loan applications, interest charts, income and expense records, classified cash records, and basic record keeping procedures. This is a good class to take before taking accounting.

Banking and Financial Systems**0.5****Prerequisite: None****All Levels**

Banking and financial systems introduces banking and financial concepts and procedures. It also emphasizes the role of money in the modern economy. It teaches students to budget an income. This class helps you recognize the economic theories and financial forces that influence international businesses and compares consumer financial transactions with government transactions.

Telecommunications and Networking**0.5****Prerequisite: None****All Levels**

This course provides a basic introduction to help the development and impact of telecommunications. It also helps with the operational and technical issues of networking and telecommunications systems. This course explores the many types and uses of networks and on-line services. It helps students develop skills for accessing, navigating, and installing web pages with the right supervision. Students will learn to communicate with others by using telephone systems, the internet, and computers. Students will learn to make web pages and design websites. By doing so, they will also learn many other useful information on the computer.

Business Image Management and Multimedia**1.0****Prerequisite: Keyboarding proficiency****All Levels**

This course is designed to help students learn to use the many different technologies to learn to develop presentations that would be appropriate in various situations such as company meetings, employee orientations, and educational settings. The student will use computers, scanners, and software to generate business related flyers and brochures,



Power Point presentations, charts, graphics/illustrations, and reports. Business image management and multimedia helps students develop proficiencies in designing, importing, and manipulating advanced text, pictures, graphics, sounds, and visual aids used in presentations management, multimedia productions, publishing systems, and emerging technologies.

Accounting I

Prerequisite: None

1.0

10-12 Grades

Accounting I introduces students to general accounting concepts, tools, principles, and procedures. This course emphasizes the need for financial records, it provides the fundamental equation to accounting procedures, and it helps develop the skills, knowledge, and attitudes needed for individuals to conduct personal business or to pursue further education in the field of accounting. Students will learn the basic steps of the accounting cycle, special journals and ledgers, work sheets, adjusting and closing entries, special problems in the purchase and sale of merchandise, notes and interest, depreciation, accruals and prepaid items, payroll records, and personal income taxes. Students will complete practice sets or simulations, use calculators, and process some data electronically. *This course is a TECH PREP course. By taking business courses and completing this course in the junior or senior year, the student may be able to articulate this course for college credit in a Texas program. To do this students must maintain an average of “80” or above. This course is weighted 5.0.*

Band

High School Band

Prerequisites: Previous band experience

1.0

All Levels

High school band is open to all high school students and is a progression from beginning and junior high bands. Knowledge about music, instruments, and sound production learned in these earlier grades is an essential prerequisite for this class. In this course students will learn marching drills during the fall semester and participate in exhibitions and contests during marching season. Students will have the opportunity to participate in All-Region and All-State competitions through solos, ensembles, and other competitions during the year. The band students learn to sight-read music and they participate in concerts and sight-reading contests.

Applied Music

Prerequisites: Enrolled in High School Band

1.0

All Levels

This course is designed to help students concentrate on the music and methods for their particular instruments. Students are given the opportunity to learn solos, ensembles, All-Region tryout music, and All-State tryout music. They are also given the opportunity to explore the literature for their instruments.

Music Theory/AP

Prerequisites: Band experience & Teacher Approval

1.0

10-12 Grades

Students need to have prior approval before taking this class. A vast amount of prior knowledge is assumed in this class that would have been learned in previous music



classes. The students learn the material from Music Theory, including but not limited to music notation, key signatures for all keys, major and minor; cadences; rhythm, harmony, chord progressions, modulations, non-harmonic tones, harmonic analysis, rhythmic dictation, harmonic dictation, triads, chords, melodic development; part writing analysis and composition.

English

English I

Prerequisites: None

1.0

Freshman Level

Students enrolled in English I continue to increase and refine their communication skills. High school students are expected to plan, draft, and complete written compositions on a regular basis. Students edit their papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English and produce final, error-free drafts. In English I, students practice all forms of writing. An emphasis is placed on organizing logical arguments with clearly expressed related definitions, theses, and evidence. Students write to persuade and to report and describe. English I students read extensively in multiple genres from world literature such as reading selected stories, dramas, novels, and poetry originally written in English or translated to English from oriental, classical Greek, European, African, South American, and North American cultures. Students learn literary forms and terms associated with selections being read. Students interpret the possible influences of the historical context on a literary work.

English II

Prerequisites: English I

1.0

Sophomore Level

Students enrolled in English II continue to increase and refine their communication skills. High school students are expected to plan, draft, and complete written compositions on a regular basis. Students edit their papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English and produce final, error-free drafts. In English II, students practice all forms of writing. An emphasis is placed on persuasive forms of writing such as logical arguments, expressions of opinion, and personal forms of writing. These personal forms writing may include a response to literature, a reflective essay, or an autobiographical narrative. English II students read extensively in multiple genres from world literature such as reading selected stories, dramas, novels, and poetry originally written in English or translated to English from oriental, classical Greek, European, African, South American, and North American cultures. Students learn literary forms and terms associated with selections being read. Students interpret the possible influences of the historical context on a literary work.

English III

Prerequisites: English I & English II

1.0

Junior Level

Students enrolled in English III continue to increase and refine their communication skills. High school students are expected to plan, draft, and complete written compositions on a regular basis. Students edit their papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English and produce



final, error-free drafts. In English III, students practice all forms of writing. An emphasis is placed on business forms of writing such as the report, the business memo, the narrative of a procedure, the summary or abstract, and the resume. English III students read extensively in multiple genres from American literature and other world literature. Periods from American literature may include the pre-colonial period, colonial and revolutionary periods, romanticism and idealism, realism and naturalism, early 20th century, and late 20th century. Students learn literary forms and terms associated with selections being read. Students interpret the possible influences of the historical context on a literary work.

English IV

1.0

Prerequisite: English I, II, & III

Senior Level

Students enrolled in English IV continue to increase and refine their communication skills. High school students are expected to plan, draft, and complete written compositions on a regular basis. Students edit their papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English and produce final, error-free drafts. In English IV, students are expected to write in a variety of forms including business, personal, literary, and persuasive texts. English IV students read extensively in multiple genres from British literature and other world literature. Periods from British literature may include the old English period, medieval period, English renaissance, 17th century, 18th century, romantic period, Victorian period, and modern and post-modern period. Students learn literary forms and terms associated with selections being read. Students interpret the possible influences of the historical context on a literary work.

College English [Dual Credit]

(Online Course)

1.0

Prerequisites: Eng. I, II, & III and TSI exemption or passing TSI score **Senior Level**

Students taking these two courses (first and second semester) must have either met the TSI Testing requirement or be TSI exempt. These courses can take the place of English IV. All fees for tuition and books are paid to South Plains College and are the responsibility of the student. *This course is weighted; see scale on page 2.*

Family and Consumer Sciences

Personal and Family Development

1.0

Prerequisite: None

All Levels

This comprehensive laboratory course is designed to address a broad range of knowledge and skills related to personal development and management, promotion of strong families, and preparation for adult roles. Content includes a focus on interpersonal skills; decision-making; promotion of family strengths and well-being; developing positive relationships with peers; child development and care; and clothing selection and maintenance. Other studies address nutrition and dietary practices; food selection and preparation; budgeting and consumer buying practices; and management of family housing needs. Influences of societal and technological changes, career options, and the management of multiple family, community, and wage-earner roles are included.



Nutrition and Food Science (First Semester) .05

Prerequisite: None All Levels

This technical laboratory course concentrates on nutrition, food choices, and food management skills for individuals and the family throughout the life cycle. Instruction addresses nutrition and food science from the perspective of food habits and wellness, menu planning, special dietary needs, food costs and budgeting, consumer food-buying strategies, food safety and sanitation practices. Meal etiquette, career options, and techniques for managing multiple family, community, and wage-earner roles are part of the content.

Food Science and Technology (Second Semester) .05

Prerequisite: None All Levels

This laboratory course is designed to provide basic training in the area of food science and technology. Content addresses food science principles; nutrition and wellness; food technology; world food supply; diet-related disorders; diets appropriate for the life cycle and other factors; and chemical and physical changes that affect food product quality.

Child Development (First Semester) .05

Prerequisite: None All Levels

This laboratory course is designed to focus on knowledge and skills related to the development, care, guidance, and protection of children. Instruction addresses the principles and procedures for promoting the physical, emotional, social, and intellectual development of young children including those with special needs.

Consumer and Family Economics (Second Semester) .05

Prerequisite: None All Levels

This technical course focuses on management of financial resources and obligations to meet personal and family needs across the life span. The course addresses consumer rights and responsibilities, family spending decisions, issues affecting consumers and the U.S. economy, effective consumer buying and consumer protection, credit management, technology implications, retirement planning, and family financial security. Career options available in consumer and resource management and strategies for managing multiple family, community, and wage-earner roles are part of the content.

Apparel (First Semester) .05

Prerequisite: Personal and Family Development All Levels

This laboratory course focuses on apparel from the perspectives of personal decision-making related to apparel, the apparel industry, and career preparation. Topics include managing the apparel dollar, apparel repair and alteration, and wardrobe planning, care, and maintenance. Quality apparel construction is addressed as it relates to consumer decision-making and career preparation for the apparel industry.

Interior Design (Second Semester) .05

Prerequisite: Personal and Family Development All Levels



This laboratory course focuses on the design of residential and nonresidential interior environments to achieve occupant well-being and productivity. The content addresses design practices and influences, lighting, materials, furnishings, legal considerations, the impact of technology on interiors, budgeting, consumer decision-making, safety, career preparation, and the care and maintenance of interiors.

Elementary Teaching Assistant I

1.0

Prerequisite: Personal and Family Development

All Levels

This course is designed to give high school students insight into the teaching profession and motivate students to enter the career of education. It involves the study of the various types of children's growth and introduces students to the career opportunities available in the future. Classroom study as well as lab experiences will be part of the course study.

Elementary Teaching Assistant II

1.0

Prerequisite: Elementary Teaching Assistant I

11-12 Grades

This course is for the second year students who desire more in-depth study and lab experiences with children. All grade levels (Pre-K through 12) and all disciplines will be available for individual student interests.

Diversified Career Preparation I and II

2.0

Prerequisite: None

11-12 Grades

Students are allowed two years to be a part of the working world as a student learner. They must meet acceptance criteria of being a junior or senior, maintaining passing grades in all subjects, meeting credit requirements, and having a good citizenship record before being allowed to work up to two hours or class periods of the school day at their employment training station. The entry-level skills taught in the classroom will be transferable to any area of employment. Students may be involved in health, office, agriculture, marketing, business or career and technology education.

Career Studies

1.0

Prerequisite: None

All Levels

This course is designed to provide students opportunities to explore factors influencing career choices and demonstrate employability skills that lead to career success. Content includes career opportunities in family and consumer sciences profession; child development and early childhood education; family studies and human services; consumer and resource management; hospitality industry; textile and apparel industries; nutrition and wellness/food science and technology; and environmental design.

Industrial Arts

Technology Systems I

1.0

Prerequisite: None

All Grades

This is a beginning course introducing the basics of drafting and woodworking. Principles and practices are taught for reading blueprints and usage of power tools. Furniture and cabinet construction are the main emphasis, although working drawings are



taught to help students with planning and design. A pre-designed project is required to teach students how to use power tools. All materials for projects are at a cost to the students. If time allows, students may design their own projects. Bookwork and lab work are required.

Manufacturing Systems II **1.0**
Prerequisite: Technology Systems I **10-12 Grades**

This is the second year course for woodworking. It is a more detailed course in the use of power tools and in the projects that are required. All projects are designed by the students and materials are purchased by the students. Bookwork and lab work are required.

Manufacturing Technology III **1.0**
Prerequisites: Tech. Systems, Man. Systems **11-12 Grades**

This is the third year woodworking course. This course is a lab-oriented class for the purpose of learning the full use of power tools by using jigs and special set-ups. Building is done for the full year. Once again, all projects are at the expense of the students.

Problems and Solutions IV **1.0**
Prerequisites: Tech. Systems, Man. Systems, Man. Tech. **Senior Level**

Engineering Graphics **1.0**
Prerequisites: Geometry **10-12 Grades**

This is a first year mechanical drawing (drafting) class using geometry and fractions/decimals to produce drawings, which fit the principles used in industry to manufacture products. This is a lab-oriented class, which teaches many different forms of drafting. *This course is a TECH PREP course. By taking industrial arts courses and completing this course in the junior or senior year, the student may be able to articulate this course for college credit in a Texas program. To do this students must maintain an average of "80" or above.*

Architectural Graphics **1.0**
Prerequisite: Engineering Graphics **11-12 Grades**

This course is used to teach principles of residential architecture. It is a lab-oriented class for learning to plan, design, and produce blueprints for homes. Some students build structural models of their designs. *This course is a TECH PREP course. By taking industrial arts courses and completing this course in the junior or senior year, the student may be able to articulate this course for college credit in a Texas program. To do this students must maintain an average of "80" or above.*

Mathematics

Math Models and Applications **1.0**
Prerequisites: None **9-11 Grades**

Students taking this course will use algebra and geometry skills to model real-life situations. Students will study patterns and analyze data. Students learn to create



spreadsheets and charts. Students work with payroll, taxes, investments, and banking. Students learn about probability. They will study growth and decay models in areas of population, biology, and ecology. They will study symmetry and perspective drawings in art and architecture. To receive the math credit needed for graduation, this course must be taken prior to taking Algebra II.

Algebra I

Prerequisites: None

1.0

All Levels

This course is the foundation for all upper level mathematics. The student will learn to work with positive and negative numbers, rational and irrational numbers, fractions and integers, squares and square roots. Variables will be used to represent unknown quantities and the student will learn to write and solve equations that model real life situations. The student will use data to construct tables and draw graphs of linear and quadratic models. The student will also interpret slope and intercepts and transformations of graphs. The students will investigate laws of exponents and patterns of factoring. The student will learn to use the TI graphing calculator. A graphing calculator is recommended for this class.

Geometry

Prerequisites: Algebra I

1.0

All Levels

Geometry is the study of the earth's measurements. The students will study lines, segments, rays, and angles. They will study convex and concave polygons. They will study congruencies and similarities and understand their affect on architecture and art. The students will investigate circles. The students will classify angles, triangles, and quadrilaterals. They will learn properties of right triangles. The students will study and derive formulas for finding areas and volumes of basic figures. Students will need rulers, protractors, and a compass for constructions and measuring.

Algebra II

Prerequisites: Algebra I, Geometry

1.0

10-12 Grades

This course combines Algebra I and Geometry skills. The students will expand his knowledge of numbers to include imaginary and complex numbers. Students will study matrices and systems of equations and inequalities. The student will sketch and analyze transformations of graphs of linear, quadratic, cubic, exponential, and logarithmic equations.

Pre-Calculus

Prerequisites: Alg. I, Geom., Alg. II

1.0

11-12 Grades

This course builds on algebra and geometry skills in preparing students for calculus. Students will use algebraic and graphical methods to solve polynomial, rational, radical, exponential, logarithmic, trigonometric, and piecewise-defined functions. They will study maximums, minimums, and end-behavior of graphs. Students will learn to use parametric and polar equations; and work with motion problems and conic sections. Students will analyze and solve vector and magnitude problems. A graphing calculator is required for this course.



AP Calculus**1.0****Prerequisites: Pre-calculus****11-12 Grades**

This is a beginning calculus class, emphasizing basic calculus concepts such as limits, differentiation and integration methods and techniques, the Fundamental Theorem of Calculus and the area and volume under curves. The main focus is to prepare the students to be successful on the AP Calculus exam. There will be extensive prep time required of the student outside of class. Taking the AP Calculus exam will be required. *This course is weighted 7 grade points.*

College Dual Credit Algebra and Plane Trigonometry**2.0****Prerequisites: Alg. II and TSI exemption or passing TSI scores.****11-12 Grades**

Each course is a semester course offered through South Plains College. Student will complete college level algebra and plane trigonometry concepts required by South Plains College. College level textbooks will be used. An enrollment fee along with book charges is the responsibility of the student and is paid to South Plains College. Each of these courses allows a student to receive high school credit and three college hours for each course completed successfully. *This course is weighted 7 grade points.*

College Dual Credit Pre-Calculus**1.0****Prerequisites: Alg. II and TSI exemption or passing TSI scores.****11-12 Grades**

This is a year-long course provided for college semester credit. This college level course meets the TEKS and college requirements for information presented. As with all dual credit courses, after successfully completing this course, high school credit and four hours of college credit can be earned. All fees charged by South Plains College for tuition and books are the responsibility of the student. *This course is weighted 7 grade points.*

Physical Education and Health Education**Health Education****0.5****Prerequisites: None****All Levels**

This course is required by the state during the high school career. Students will study primarily the physical dimensions of health education as they relate to the study of body systems and the senses of the body. Proper care of one's body including appropriate exercise, nutrition, and personal hygiene will be integral parts of the course. Students will also study the social dimensions of health education. Emphasis will be placed on the effects of drug abuse (including tobacco and alcohol) on society. Students will be taught safety and first aid practices as well as prevention of a communicable disease. The goal of this course is to give the students lifelong health skills, to carry with them for the rest of their lives.

Physical Education/Team Sports**.05****Prerequisites: None****All Levels**

This course is worth ½ credit per semester. This is designed to give students the overall picture of how the body works. It deals with the proper techniques of stretching and how to work certain muscle areas the proper way. Topics of study include fitness and



wellness, safe and smart play, benefits of physical activities, cardiovascular fitness, fat control, muscular endurance, strength and flexibility, stress, fitness and your future, and choosing nutritious foods. The students will perform proper ways to stretch, warm-up and cool-down before competing. Students will learn proper activities that will benefit them for their future. 1.5 credits of PE, athletics, or equivalent activities are required by the state for high school graduation; however, no more than 2 total PE or athletic credits can count for state requirements.

Boys' and Girls' Athletics

1.0

Prerequisites: None

All Levels

Students enrolled in athletics will develop their bodies both mentally and physically. The coaches in charge of each individual sport will teach discipline, hard work, and teamwork. Students will be expected to adhere to all athletic rules and regulations as set forth by Olton ISD. Students elect to join athletics; therefore, athletics is looked at as a privilege. Students must be aware that if they quit athletics in the middle of a semester or are asked to leave athletics, they will not receive credit in that class or any replacement class for that semester. 1.5 credits of PE, athletics, or equivalent activities are required by the state for high school graduation; however, no more than 2 total PE or athletic credits can count for state requirements.

Science

Integrated Physics and Chemistry (IPC)

1.0

Prerequisites: None

All Levels

This is a preparatory class geared for freshman as they make ready for the Texas Assessment of Knowledge and Skills test (TAKS test). Students conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical-thinking and scientific problem solving skills. This course combines the disciplines of basic physics and chemistry in the following topics: motion, waves, energy transformations, properties of matter, changes in matter, and solution chemistry.

Biology I

1.0

Prerequisites: None

All Levels

This course is designed to challenge students in the following aspects: conducting field and laboratory investigations, usage of scientific methods during investigations, and making informed decisions using critical-thinking and scientific problem solving skills. The course also serves as a preparatory class for the Texas Assessment of Knowledge and Skills test (TAKS test). Students in biology also study a variety of subjects that include: cell biology, genetics, evolution, taxonomy, 6-kingdom studies, human systems and ecology.

Chemistry I

1.0

Prerequisites: IPC or Biology and Algebra I

10-12 Grades

In chemistry, students conduct field and laboratory investigations, use scientific method during investigations, and make informed decisions using critical thinking and scientific



problem solving. Students study a variety of topics that include characteristics of matter, energy transformations during physical and chemical changes, atomic structure, periodic table of elements, behavior of gases, bonding, nuclear fusion and nuclear fission, oxidation-reduction reactions, chemical equations, solutes, properties of solutions, acids and bases, and chemical reactions. Students will investigate how chemistry is an integral part of our daily lives.

Physics

1.0

Prerequisites: IPC, Alg. I, and Geom.

11-12 Grades

In this physics course students conduct field and laboratory investigations, use scientific method during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include laws of motion, changes within physical systems and conservation of energy and momentum, force, thermodynamics, characteristics and behavior of waves, and quantum physics. This course provides students with a conceptual framework, factual knowledge, and analytical and scientific skills.

Spanish

Spanish I

1.0

Prerequisites: None

All Levels

Students begin their study of Spanish by learning a basic “survival” vocabulary so they will be able to introduce themselves and greet others, count (in order to buy necessities and tell time and dates for appointments), and have simple conversations about the weather, their families, sports and other pastimes, and ask and answer questions. Students also study aspects of Spanish culture in Spain, Latin America, and the United States. It is very important to lay the foundation for proper use of the language. This course will study verb tenses and basic verb conjugations as well as proper use of articles. Students will speak, read, and write in basic Spanish.

Spanish II

1.0

Prerequisites: Span. I

All Levels

Students will continue to expand their vocabularies in order to speak and write about more complex tasks than in the first year. Verb tenses not previously learned are introduced (as well as subjunctive mood). Further study of aspects of Spanish culture in Spain, Latin America, and the United States is presented. Emphasis is on listening and reading comprehension skills with practice also in speaking and writing in Spanish.

Spanish III

1.0

Prerequisites: Span. I, & Span. II

10-12 Grades

This course is an advanced study of Spanish and will concentrate on improving proficiency in listening, speaking, reading, and writing. Vocabulary will be increased and previously learned structures will be reviewed and practiced so that the student can understand and express ideas that are increasingly complex. Students will explore some Spanish literature, and more aspects of Spanish culture will be studied.



Speech

Communications Applications

0.5

Prerequisites: None

All Levels

This course is a semester course required by the state for graduation. Communication applications help students to develop effective communication skills. Students enrolled in communication applications will be expected to identify, analyze, develop, and evaluate communication skills needed for professional and social success in interpersonal situations, group interactions, and personal professional presentations. Each student will be required to give several oral presentations to the class.

Theater Arts

1.0

Prerequisites: None

All Levels

Theater Arts offers students an introductory overview of the world of theater. The main focus of study for this course is acting and the foundation of play production. Other units of study are theatre history, play research and analysis, audience etiquette, theater terminology, lighting and set design. Students should consider that this is a performance-based class, and they will be required to give memorized pieces before the class.

Social Studies

World Geography

1.0

Prerequisites: None

All Levels

This course is normally taken by incoming freshmen. This course examines people, places, and environments on local, regional, national, and international scales. It also focuses on the physical processes that shape the patterns in the environment.

World History

1.0

Prerequisites: None

All Levels

This course is normally taken by sophomore students. This course studies world history from the earliest civilizations to the present. It looks at the foundations of Western civilization, the emergence of the European predominance, and contemporary world developments with their relationship to history.

United States History

1.0

Prerequisites: None

All Levels

This course is normally taken during the junior year. This is a required course, which will cover from Reconstruction to current day, approximately 1864 to the present. United States History should emphasize individual roles, problems, issues, and major events that have shaped our current history. The students need to have a basic understanding of U.S. and European geography. Students need to be proficient in their note taking abilities.

American Government

0.5

Prerequisites: None

Senior Level

This course introduces students to the basic elements of American Government. Students will examine civil rights and liberties and the role of citizens in the political system.



Further, students will discuss in-depth the legislative, executive, and judicial branches of the government. Additional topics for discussion may include an examination of public policies and an analysis of state and local governments. Students will be expected to be successful in taking notes. Students must successfully complete this course in order to graduate.

Economics (Free Enterprise)

1.0

Prerequisites: None

Senior Level

This course provides a basic introduction to the study of economics. It examines major markets with respect to the degree of competition within each type and how this affects buyers and sellers. Students will also examine the roles of labor, government, and financial institutions in the American economy. Additional topics for discussion may include unemployment, poverty, wealth, and global economies. Students must successfully complete this course in order to graduate.

Technology Applications

Business Computer Information Systems I (BCIS I) [also called microcomputer applications I]

1.0

Prerequisites: Keyboarding or keyboarding proficiency

All Levels

This course is an introduction to the most common software applications for microcomputers. It includes “hands-on” use of microcomputers and major commercial software. These software packages include Word (word processing), Excel (spreadsheet), Access (database), Powerpoint (presentation), and Publisher (desktop publishing). Basic typing skills will be needed to complete the lab assignments. Students with poor typing skills should expect to spend additional laboratory time accordingly. *This course is a TECH PREP course. By taking business courses or other technology applications courses and completing this course in the junior or senior year, the student may be able to articulate this course for college credit in a Texas program. To do this students must maintain an average of “80” or above.*

BCIS II [Microcomputer Applications II]

1.0

Prerequisites: BCIS I

10-12 Grades

In this course, students will implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce and /or postsecondary education. Students analyze the social responsibility of business and industry regarding the significant issues relating to the environment, ethics, health, safety, and diversity in society and in the workplace. Students apply technical skills to address business applications of emerging technologies. Students develop a foundation in the economical, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs. Students enhance reading, writing, computing, communications, and reasoning skills and apply them to the business environment. *This course is a TECH PREP course. By taking business courses or other computer courses and completing this course in the junior or senior year, the student may be able to articulate this course for*



college credit in a Texas program. To do this, students must maintain an average of “80” or above.

Digital Graphics and Animation

1.0

Prerequisites: Technology TEKS grades 6-8, Keyboarding proficiency All Levels

Students must have a basic knowledge of computer operating systems, how to use the computer to acquire information, how to solve problems using the proper technical tools, and how to deliver information in the proper digital format. Students will be given problems that require them to select the proper technology for the task, process knowledge, create a solution, and evaluate the results. This is an introductory course in design, typography, and imaging techniques. The course includes topics such as digital composition, color, imaging, editing, and animation. Students will work with color, resolution, and halftones as well as other image enhancing strategies, including outlining, cropping, digital manipulation, color correction, masking, and the use of channels, paths, background, and layers. Animation, both 2-D and 3-D, will be introduced in this course.

Web Mastering

1.0

Prerequisites: Technology TEKS grades 6-8, Keyboarding proficiency All Levels

This course focuses on scripting, developing searching strategies, publishing skills, and serving information on a web server. Ultimately, students within an ethical framework will be the webmasters for the class, school, or district, participating in a real global community of learners and collaborators.

Other Electives

ACT/SAT Preparation

0.5

Prerequisites: None

10-12 Grades

This is a semester course designed to review students in the four core curricula as well as reading, test taking strategies, and information about the ACT and SAT tests. Computer applications programs are used extensively.

General Psychology [Online Dual Credit] (First or Second Semester)

Prerequisites: TSI exemption or passing TSI scores

11-12 Grades

This course offers an introduction to the fundamental concepts in psychology with emphasis on heredity and environment, individual differences, personality dynamics, and group processes.

Introduction to Sociology [Online Dual Credit] (First or Second Semester)

Prerequisites: TSI exemption or passing TSI scores

11-12 Grades

This course is a study of human group behavior, including the forms which group life takes; relationships of groups to other groups; influence of groups on the individual and relationships of individual to each other as members of groups.



Yearbook

1.0

Prerequisites: Teacher approval

All Levels

This class produces the Olton ISD yearbook each year. The students need to have creativity, writing skills, and problem solving skills. Typing and computer skills are also good to have, but these can be developed as the class progresses. The students are taught photography, page composition, and journalistic styles of writing. The class requires the students be able to attend school events, summer workshops, and advertising sales campaigns. Students will need to be responsible and trustworthy and be willing to give a high level of commitment to finishing the yearbook for publication, even into the summer months.

