

Jacksonville High School

**Course Catalog
2008 – 2009**

2008-2009
Jacksonville Independent School District
P.O. Box 631
Jacksonville, Texas 75766
Web Address: www.jacksonvilleisd.org

Administrative Offices: 1547 East Pine Street

Board of Trustees

Larry L. Folden, President
James Houser, Vice President
Joe Casey, Secretary
Jimmy Brown
Dale Jamerson
Pat McCown
Jim Tarrant, Jr.

Administrative Personnel

Stuart Bird.....Superintendent
Judy Terry.....Director of Curriculum & Testing & Secondary Ed.
Jan Hill.....Director of State & Fed. Programs & Elementary Ed.
Leslie George.....Director of Special Ed. & Student Services
Nancy Lee.....Director of Human Resources
Randy Copeland.....Athletic Director
Marianela Bowen.....Director of Bilingual Education
Lindy FinleyDirector of Finance/Business Manager

Jacksonville High School

1210 Corinth Road
Jacksonville, Texas 75766
(903) 586-3661
Fax (903) 586-8229

Office Staff

Duane Barber.....Principal
Tony Treadwell.....Assistant Principal
Tim Eden.....Assistant Principal
Betty Riggins.....Assistant Principal
Leanne Jamison.....Campus Director of Career & Technology
.....9th Grade Counselor
Brenda Pierce.....10th Grade Counselor
Brenda Boysselle.....11th Grade Counselor
Lisa Mehlenbacher.....12th Grade Counselor
Janna Looney.....Special Education Supervisor
Mary Carol Brown.....Administrative Secretary
Glenda James.....Administrative Secretary
Lisa Smith.....Administrative Secretary
Kathy McKinney.....Secretary to the Assistant Principal/Receptionist
Polly Prater.....Attendance
Jan Weeks.....Registrar/Secretary to the Counselors
Gail Yarbrough.....Print Shop
Sheila White.....Secretary to the Special Education Supervisor
Betty Gracie.....Librarian

Preface

The Jacksonville High School Course Catalog reflects the many changes in Texas Education. As a result, some of the information pertains to all JHS students, and some pertains only to certain classes. Please read the information in this catalog carefully especially the sections which pertain to graduation requirements.

The courses listed in the JHS Course Catalog are those that are offered to students at the time of spring registration. The number of requests and availability of qualified teachers in specific courses determine whether or not a course will be taught in the following year.

Some decisions by the Texas Education Agency happen quickly or during the summer. Any changes which affect our students will be explained in writing to our parents through communiqués from the principal's or guidance offices.

Jacksonville schools do not discriminate on the basis of race, religion, color, national origin, sex, or disability in providing education or providing access to benefits of educational services, activities, and programs, including vocational programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; Section 504 of the Rehabilitation Act of 1973, as amended; and Title II of the Americans with Disabilities Act of 1990.

COURSE CATALOG JACKSONVILLE HIGH SCHOOL

The purpose of this catalog is to provide both students and parents with a clear understanding of the educational opportunities available at Jacksonville High School. Hopefully, the course descriptions and information contained herein will enable students to make more informed decisions concerning their future educational plans. It is a further aim that parents will review the information contained in this catalog and become more involved in the important educational decisions to come. If there are questions or concerns that cannot be answered through the information given in this catalog, any of the JHS staff or JISD administration will be glad to be of assistance.

SCHEDULING PROCESS

In the spring of each year, students will be issued a course catalog. Counselors will conduct interviews with small groups of students or individual students as time permits. A tentative course schedule will be cooperatively planned at this time. Student interests, satisfaction of state and local requirements, diagnostic information, and career plans will be considered in the process to design a schedule best suited to the needs of the individual student.

Parental input is essential in the scheduling process. Course selections will be sent home for parental approval. Parents are asked to look over the student's course selections and, if the parents disagree, arrange an appointment with the appropriate grade level counselor to re-evaluate the planning. JHS counselors may be contacted at 903-586-3661.

Students must select suitable alternative classes in addition to the courses they would like to take. Scheduling is a complex process, and in some cases, it is physically impossible to arrange scheduling in all the first choices. When this happens, alternate choices must be used. Please consider the possible alternative courses carefully. Some classes require teacher approval before a student is allowed to take a class; and if approval is denied, alternative choices must be used.

GRADUATION REQUIREMENTS

Texas law mandates that students pass all sections of the Texas Assessment of Knowledge and Skills - Exit Level (TAKS) by the end of their 12th grade year in order to qualify for a diploma. The TAKS Exit Level Exam is first administered in the 11th grade. Once a student passes all sections of the exit level TAKS, the student will not be required to take the test again. Students who do not pass the exit level TAKS on the first attempt have additional opportunities in the 12th grade prior to graduation. TAKS will be administered during the spring of the 11th grade and will cover the areas of Writing, Reading, Mathematics, Science, and Social Studies.

All students must meet state and local requirements for graduation. Students graduating in 2011 and beyond will be required to earn a minimum of 26 credits. Students graduating in 2009 or 2010 will be required to earn a minimum of 24 credits.

DUAL ENROLLMENT/COLLEGE COURSE WORK

Dual enrollment allows a student to be awarded credit toward high school graduation for completing a college-level course. It is available for senior students who intend to enroll in college after high school graduation. JHS also currently offers dual enrollment courses on campus.

1. The student must have a "B" average in high school courses and a satisfactory attendance record from previous years in high school.
2. The student must show proof of having been accepted by a junior or senior college of recognized standing. This program shall not be applicable for commercial, business, vocational, or technical schools.
3. The course(s) for which credit is awarded must provide advanced academic instruction beyond or in greater depth than the Texas Essential Knowledge and Skills (TEKS). These courses shall be verified by the JISD Curriculum Director.

4. The student must be a senior or have special approval of the administration and college admissions officer.
5. The student's parents must state in writing to the principal that they approve and desire such a program.
6. Students enrolling in Tyler Junior College must meet THEA requirements. Students enrolling in Jacksonville College or Lon Morris College must meet each of these colleges' entrance requirements.

Currently, selected courses are approved for off campus dual enrollment at Jacksonville College, Lon Morris College, and Tyler Junior College. Special permission must be obtained to enroll in any other college or university. Grades are assigned by the college instructor and are recorded on the high school Academic Achievement Record (transcript). Grades for approved courses will be counted in GPA calculation if they are taken on the high school campus and may count as advanced measures in the Distinguished Achievement Program. Seven extra points will be calculated into the student's overall GPA each semester for dual credit courses taken on the high school campus.

CONCURRENT ENROLLMENT

Concurrent enrollment occurs when students take college courses at institutions of higher education which are not needed for high school graduation and for which the student does not seek high school credit. This affords the student the opportunity to obtain college credit while enrolled in high school. (Same guidelines as dual credit apply.) These courses may be used towards completion of the Distinguished Achievement Program if they meet the required guidelines.

TEXAS GRANT PROGRAM

The purpose of the Texas Grant Program is to provide a grant of money to enable well-prepared eligible students to attend public and private nonprofit institutions of higher education in Texas. Students who meet the following criteria may compete for the grant: Texas resident, graduate from a public or accredited private high school in Texas no earlier than fall 1998, complete the Recommended or DAP high school curriculum, have financial need, enroll at least $\frac{3}{4}$ time in an undergraduate degree or certificate program as an entering undergraduate within 16 months of high school graduation, and not have been convicted of a felony or a crime involving a controlled substance.

Texas Grant award amounts are based on the number of college courses in which you enroll. Awards will be made through the financial aid office of the college the student attends. Persons interested in the program should contact the financial aid office of the college to find out about deadlines and procedures.

ADVANCED PLACEMENT COURSES

The Advanced Placement Program (AP) is a cooperative educational endeavor between secondary schools and colleges and universities. It gives high school students exposure to college-level material through involvement in an AP course, and then gives them an opportunity to demonstrate that knowledge by taking an AP Exam. A fee is charged for each examination and graded on a scale of 1 to 5. Colleges and universities are then able to grant credit, placement, or both to these students, depending on scores earned and college policy. Students need to check with their college choice for exact policy. Refer to the list of campus courses for current AP classes offered at JHS. Seven extra points will be calculated into the student's overall GPA each semester for AP courses.

PRE-AP COURSES

The Pre-Advanced Placement courses at Jacksonville High School are designed to prepare students for the challenges offered by the Advanced Placement Program. The Pre-AP level curriculum is vertically aligned to serve as the introduction and foundation for the AP curriculum. Due to scheduling concerns, students requesting a Pre-AP course must remain enrolled in that class until the third week of the first six weeks. Extra curricular eligibility may be affected by a schedule change from a Pre-AP class to a regular class at the end of a grading period. Five extra points will be calculated into the student's overall GPA each semester for Pre-AP courses.

HONOR SOCIETY

The National Honor Society ranks as one of the oldest and most prestigious national organizations for high school students. Chapters exist in three-fourths of the nation's high schools, and since 1921, millions of students have been selected for membership. Thousands of dollars in scholarships have been awarded to senior members since 1943 by the sponsoring organization, the National Association of Secondary School Principals.

Locally, the Osborn-Boles Chapter of the National Honor Society was originally organized in 1940. Membership in the chapter is based on scholarship, leadership, service and character.

At JHS, the National Honor Society is open to sophomores, juniors, and seniors. Candidates eligible for membership must be enrolled at JHS one semester prior to their selection. However, National Honor Society students from other schools who transfer to JHS are accepted as full members.

A cumulative GPA of 90 or higher in all course work is required of students in the Osborn-Boles Chapter of NHS.

The NHS Faculty Council will evaluate students who meet the academic requirements and wish to be considered for membership on their leadership, service, and character. Students who receive a favorable majority vote are then invited to join the local chapter. Once elected to NHS students must complete an independent service project each year in addition to the chapter service project.

NHS members will be subject to dismissal if they do not maintain the standards of scholarship, leadership, service and character that were used as the basis for their selection. This shall include but not be limited to the following: failure to maintain required grade point average, failure to complete the annual ten hours of individual community service, absences from two NHS meetings, school disciplinary measures, or excessive absences or tardies.

HONOR ROLL

The Honor Roll is published each grading period. To be considered on the "A" Honor Roll, a student must have earned an "A" on all courses. To be considered for the "A-B" Honor Roll, a student must earn a combination of "As and Bs." A "C" in any course will eliminate a student.

TEXAS SCHOLARS

Texas Scholars is a program developed by business and education coalitions. It is designed to encourage students to complete high school courses that provide a fundamentally sound academic education. Such a curriculum emphasizes "on level" and "above level" courses in mathematics, science, language arts (including foreign language), and computer technology. Students who wish to be in the Texas Scholars Program at JHS must graduate having completed the Recommended High School Program or Distinguished Achievement Program and one additional course in both mathematics and foreign language for 2009 or 2010 graduates. Graduates of 2011 and beyond must complete the above requirements and complete at least two courses while in high school eligible for college credit.

DISTINGUISHED SCHOLARS

A student who has completed the Distinguished Achievement Program shall graduate as a distinguished scholar. Distinguished scholars shall be ranked ahead of all other students in a graduating class. The highest ranking student who is not a distinguished scholar shall rank just below the student with the lowest grade point average who completes the Distinguished Achievement Program.

CREDIT BY EXAM - EXAM FOR ACCELERATION /EXAM TO RESTORE CREDIT

Any student may receive credit in a course by demonstrating proficiency on an appropriate examination. Request for this examination should be made to the appropriate grade level counselor. This exam is administered at no cost to the student. Test dates are set by the Board of Trustees and offered twice per year. A grade of 90% or above is required for students who have had no prior instruction in the course (exam for acceleration). A grade of 70% or above is required for students who have had prior instruction in a course but have not received credit (exam to restore credit).

SPANISH LANGUAGE CREDIT BY EXAM

Any student may receive credit for Spanish language by demonstrating proficiency on an appropriate examination. Request for this examination should be made to the appropriate grade level counselor or foreign language teacher. This exam is administered at no cost to the student. Test dates are offered at various times during the year as set by the administration. Appropriate credits will be awarded dependent upon the student's exam scores. A student may fulfill foreign language graduation requirements through the Spanish credit by exam. A grade of 90% or above is required for students who have had no prior instruction in the course. A grade of 70% or above is required for students who have had prior instruction in the course but have not received credit. Prior instruction may be defined as instruction in a student's native country, a dual language program instruction, or at the discretion of the principal or designee.

CREDITO POR EL EXAMEN DE ESPANOL

Cualquier estudiante puede demostrar la habilidad de saber el lenguaje tomando el examen de español. El estudiante le puede pedir a su consejero o a el maestro de español que sea apuntado para tomar este examen. Este examen sera impartido sin costo al alumno. Se ofrecera dos veces por ano. El alumno recibira el credito apropiado segun el resultado de el examen. El estudiante puede terminar los creditos necesarios de lenguaje extranjero con este examen. Para poder obtener el crédito de español, el estudiante debe sacarse un 90% de calificación si el estudiante nunca ha tomado este curso. Cuando el estudiante ya ha tomado este curso o ha tenido instrucción anterior, pero reprobó, entonces el estudiante puede sacarse en este examen un 70% para recibir crédito. Instrucción anterior significa que el estudiante recibió clases en su país natal, o estuvo en un programa de lenguaje dual, o al la discreción de el director o algún oficial designado.

J.I.S.D PASSPORT PROGRAM

Passport is the J.I.S.D. gifted/talented program. Identified students are served through differentiated curriculum in Advanced Placement studies, the Distinguished Achievement Program, independent study, dual/concurrent enrollment, academic competitions, and a variety of extracurricular activities. Students are nominated for the program during the spring semester. Standardized test scores, a portfolio review (sample of student work), a teacher checklist, a parent checklist, and a student interview are included in the identification process. Passport students must remain enrolled in at least one Pre-AP or AP class in the area of identification. Information about the gifted/talented program may be obtained from the district g/t coordinator.

VALEDICTORIAN/SALUTATORIAN POLICY

To be considered for valedictorian or salutatorian honors a student must complete the following requirements:

1. Complete the Distinguished Achievement Program (DAP), with specific restrictions, by the end of the fifth six weeks grading period of their senior year.
2. Two of the four requirements of the DAP must be from a score of 3 or higher on The College Board Advanced Placement (AP) exams.
3. The GPA will be computed using all credits in the Recommended High School Program, all local and state accredited courses, and any measure that the student must complete in order to fulfill the Distinguished Achievement Program.
4. The highest and second highest GPA will determine the valedictorian and salutatorian.

5. A student shall have completed the last four semesters of academic work at the District campus certifying graduation to be eligible for valedictorian or salutatorian honors. In the event of a tie in weighted grade point average, the following method shall be used to determine who will be selected valedictorian or salutatorian: In the event of a tie for valedictorian, co valedictorians shall be recognized and the position of salutatorian shall be vacant. In the event of a tie for salutatorian, co salutatorians shall be recognized.
6. Students must make their intentions to graduate early known to their counselor by the end of the fall semester of their sophomore year if they wish to be eligible for the honors. (See early graduation)

CLASS RANKING

- Only students completing the Distinguished Achievement Program will be considered for Valedictorian and Salutatorian honors.
- In order for early graduates to be considered for Valedictorian and Salutatorian honors, they must declare in writing their intent to graduate early by the end of the first semester of their sophomore year.
- All other students completing the Distinguished Achievement Program will be ranked according to cumulative GPA and noted as a Distinguished Scholar.
- Graduating seniors shall be ranked within the graduating class upon the basis of weighted grade averages for the four-year program, excluding the last six weeks of the senior year. Final class ranking shall be based upon the student's graduation program in the following order: Students who graduate in the Distinguished Achievement Program shall be ranked before students in the Recommended Program or the Minimum Program. Students who graduate in the Recommended Program shall be ranked before students who graduate in the Minimum Program but after students graduating in the Distinguished Achievement Program. Students who graduate in the Minimum Program shall be ranked after students who graduate in the Distinguished Achievement Program or the Recommended Program.
- Class rankings will be calculated at the end of the junior year, at the end of the first six weeks of the senior year, at the end of the first semester of the senior year, and at the end of the fifth six weeks.

EARLY GRADUATION

Students who wish to graduate early must inform their counselor by the end of the fall semester of their sophomore year if they wish to be eligible for valedictorian or salutatorian honors. Students who wish to be considered for these honors should notify their counselor prior to the start of the semester of their planned graduation. Students will need to earn credit for English IV through dual enrollment at a local college during the summer following their sophomore or junior year, in order to satisfy early graduation requirements. Students who plan to graduate early, within 36 months of entering high school, are eligible for a state tuition grant. (Pending State Funding)

GRADING

The Jacksonville High School Grading System is as follows:

A = 90 - 100

B = 80 - 89

C = 70 - 79

F = Below 70

TRANSFER CREDITS

Students transferring into the District shall receive the numerical grade that was earned in courses at another school. Letter grades shall be recorded as follows: A= 95, B = 85, C =75, D = 70 and F = 60.

SCHEDULE CHANGES

All students enroll during the spring semester for the upcoming school year. This enrollment is a final choice and will be changed only for very unusual reasons such as courses accomplished during the summer or administrative reasons. Since the number of sections needed for each course will be determined from your choices, it is necessary to make all adjustments to your schedule prior to the starting of the school year.

ATTENDANCE

Local policy requires that students be in attendance 90% of the semester to receive credit for their class.

A student who attends fewer than 90% of the days the class is offered cannot receive credit for the class unless the attendance committee finds that the absences are the result of extenuating circumstances or the student attends make-up days to satisfy attendance requirements.

A student with an excessive number of absences will be notified that he/she does not have the required attendance to receive credit in the course(s). A notification will also be sent to the student's parent/guardian.

CLASSIFICATION OF STUDENTS

After the 9th grade, students are classified according to the number of credits earned toward graduation.

Freshman	0 - 5 Credits
Sophomore	5.5 - 10 Credits
Junior	10.5 – 17 Credits
Senior	17.5 + Credits

AWARDING OF CREDIT

In subjects which are one-semester courses only, one-half credit shall be awarded if a student earns a grade of 70 or above. In subjects which are full-year courses, one credit shall be awarded at the end of the school year if one of the following occurs: A student passes both semesters or a student attains a cumulative average of at least 70 over both semesters.

If a student passes only one semester and attains a cumulative grade average of less than 70, one-half credit shall be awarded for the passing semester period. Credit shall be awarded for the failed semester when it is repeated and a grade of 70 is earned or a cumulative average of at least 70 over both semesters.

USING GUIDANCE SERVICES

The guidance department is an integral part of the overall school program. Counselors are available on school days and at various times during the summer to assist you in your needs in the following areas:

1. To identify strengths and weaknesses as they relate to your choice of courses or potential employment and training stations after completion of high school. Counselors help administer diagnostic tests in achievement, intelligence, interests and personality. They can assist you in determining choices of course subjects based on the results of these tests. They will also help you plan for the world of work or college.
2. To offer counseling in personal problem areas. Counselors can help you focus on self-development and on acquiring decision-making abilities; because academic growth and success are directly related to the mental health of each individual, counseling services meet a fundamental need. Whether the problems are here at school, with your friends, or if the problem is at home, the counselors are available to listen and help you work out your concerns.
3. To provide you with information regarding your placement in classes or programs. The counselors have many materials at their disposal to help you make the best choices of courses and programs within the school. Counselors can tailor programs to your needs now and in the future, whether it is occupationally or educationally.

CORRESPONDENCE COURSES

Credit toward state graduation requirements may be granted for correspondence courses only under the following conditions:

1. The institution offering the course is the University of Texas at Austin, Texas Tech University, or other public institution of higher education approved by the commissioner of education.
2. The correspondence course includes the state-required TEKS for such a course.
3. Students may earn a maximum of two state required credits through correspondence courses and may be enrolled in only one correspondence course at a time unless special permission is granted by the principal.
 - Grades earned for taking correspondence courses shall not be computed for determining class rank.
 - Seniors enrolled in a correspondence course must complete the course and submit the grade at least 30 days prior to the date of graduation.
 - The Superintendent or designee may exercise discretion in waiving limitations on an individual basis.

INTERNET COURSES

Credit toward state graduation requirements may be granted for internet courses only under the following conditions:

1. The institution offering the course is the SUPERNet Consortium approved by the Texas Education Agency. The web site is www.sprnet.org and currently offers the following courses: Biology PreAP, Physics, IPC, Algebra I, Algebra II, Math Models, World Geography, World History, AP US History, English I, English III AP, English IV, BCIS, Spanish II, Spanish III, and Health
2. The internet course includes the state-required TEKS for such a course.
3. Students may earn a maximum of two state required credits through internet courses and may be enrolled in only one internet course at a time unless special permission is granted by the principal.
 - Grades earned for taking internet courses shall not be computed for determining class rank.
 - Seniors enrolled in an internet course must complete the course and submit the grade at least 30 days prior to the date of graduation.
 - The Superintendent or designee may exercise discretion in waiving limitations on an individual basis.

HOME SCHOOL OR UNACCREDITED PRIVATE SCHOOL

A student entering high school with credits from home school or an unaccredited private school will be assessed by available instruments to determine awarding of credit for individual courses. Available instruments include but are not limited to: end-of-course exams, previously released TAAS/TAKS exams, and/or achievement tests. Assessment should be completed as soon as possible to ensure proper placement. Students will be given adequate time to prepare for testing.

PROPOSED BELL SCHEDULE

1 st Period	7:55 – 8:47
2 nd Period	8:53 – 9:50
3 rd Period	9:56 – 10:48
4 th Period	10:54 – 11:46
5 th Period	11:52 – 1:28
6 th Period	1:34 – 2:26
7 th Period	2:32 – 3:24
Lunch A	11:46 – 12:16
Lunch B	12:22 – 12:52
Lunch C	12:58 – 1:28

All periods have 53 minutes of instruction except 5th period which has 60 minutes. 2nd period has 5 extra minutes to accommodate announcements.

GRADUATION REQUIREMENTS (2009 and 2010 GRADUATES)

ACADEMIC CORE COMPONENTS*	CREDIT
English Proficiency <ul style="list-style-type: none"> • English I, English II, English III, English IV 	4.0
Mathematics Proficiency - (3 credits on the High School campus) <ul style="list-style-type: none"> • Algebra I, Geometry, Algebra II, Pre Calculus or • Passing score on an appropriate end-of-course examination 	3.0
Science Proficiency** <ul style="list-style-type: none"> • Biology or AP Biology • Two credits of the following: (A) Integrated to Physics and Chemistry; (B) Chemistry or AP Chemistry; and (C) Physics or AP Physics 	3.0
Social Studies Proficiency <ul style="list-style-type: none"> • U.S. History , World History , World Geography U.S. Government (0.5 credit), Economics (0.5 credit) 	4.0
Second Language Proficiency *** <ul style="list-style-type: none"> • Two credits in the same language on the high school campus 	2.0
Health Proficiency <ul style="list-style-type: none"> • Health I or Advanced Health, or • One credit from Health Science Technology 	0.5
Fine Arts Proficiency <ul style="list-style-type: none"> • One credit in fine arts (see fine arts descriptions) 	1.0
Speech Proficiency <ul style="list-style-type: none"> • Communication Applications 	0.5
Physical Education Proficiency (limit of 2 credits may count toward graduation) <ul style="list-style-type: none"> • One and one-half credits in physical education 	1.5
Technology Proficiency <ul style="list-style-type: none"> • One credit in a computer course (see computer course descriptions) 	1.0
ADDITIONAL COMPONENTS - ELECTIVE COURSES <ul style="list-style-type: none"> • The credits may be selected from the list of courses specified in TEKS. • All students are encouraged to study each of the four foundation curriculum areas (English language arts, mathematics, science, and social studies) every year in high school 	3.5
TOTAL CREDITS REQUIRED:	24.0

* **College Board Advanced Placement** courses may be substituted for requirements in appropriate proficiency areas.

** The state recommends Biology, Chemistry, and Physics for the DAP program.

*** Three years of foreign language are required for DAP and Texas Scholar programs.

Students may earn credit through an exam for acceleration for which they have received no prior instruction by passing with a 90%.

Student Name

Date

**Recommended High School
Graduation Checklist
(2009 and 2010 GRADUATES)**

- _____ English 1/English 1 PreAP
- _____ English 2/English 2 PreAP
- _____ English 3/English 3 PreAP/English 3 AP
- _____ English 4/English 4 AP/English 4 AP-Dual
- _____ Algebra 1/ Algebra 1 PreAP (may have been taken in 8th grade)
- _____ Geometry/Geometry PreAP
- _____ Algebra 2/Algebra 2 PreAP
- _____ Precalculus/Precalculus PreAP

Three years of math must be on the high school campus.

- _____ Biology 1/Biology 1 PreAP
- _____ Integrated Physics & Chemistry
- _____ Chemistry/Chemistry PreAP or Physics/Physics PreAP
- _____ World Geography/World Geography PreAP
- _____ World History/World History AP
- _____ U. S. History/U. S. History AP
- _____ U. S. Government/American Government AP/Am. Government Dual (.5 credit)
- _____ Economics/Economics AP (.5 credit)
- _____ Physical Education (1.5 credits)
- _____ Health (.5 credit)
- _____ Speech (.5 credit)
- _____ Fine Arts
- _____ Computer/Technology Applications
- _____ Spanish 1 (may have been taken in 8th grade)
- _____ Spanish 2
- _____ Spanish 3
- _____ French 1
- _____ French 2
- _____ French 3

OR

Two years of foreign language must be on high school campus.

- _____ Additional Electives (3.5 credits)
- 1. _____
- 2. _____
- 3. _____
- 4. _____

Total required credits for graduation = 24

Total credits student may earn during four years of high school = 28

Parent Signature

Student Signature

**GRADUATION REQUIREMENTS
(2011 GRADUATES and beyond)
[begins with 2007-2008 freshman class]**

ACADEMIC CORE COMPONENTS*	CREDIT
English Proficiency	4.0
<ul style="list-style-type: none"> • English I, English II, English III, English IV 	
Mathematics Proficiency	4.0
<ul style="list-style-type: none"> • Algebra I, Geometry, and Algebra II • A State Board of Education-approved math course, which could include Mathematical Models with Applications (taken <i>before</i> Algebra II) or Precalculus 	
Science Proficiency**	4.0
<ul style="list-style-type: none"> • Biology or AP Biology • Two credits of the following: (A) Integrated to Physics and Chemistry; (B) Chemistry or AP Chemistry; and (C) Physics, Principles of Technology I, or AP Physics • A State Board of Education-approved science course 	
Social Studies Proficiency	4.0
<ul style="list-style-type: none"> • U.S. History , World History , World Geography U.S. Government (0.5 credit), Economics (0.5 credit) 	
Second Language Proficiency ***	2.0
<ul style="list-style-type: none"> • Two credits in the same language 	
Health Proficiency	0.5
<ul style="list-style-type: none"> • Health or • One credit from Health Science Technology 	
Fine Arts Proficiency	1.0
<ul style="list-style-type: none"> • One credit in fine arts (see fine arts descriptions) 	
Speech Proficiency	0.5
<ul style="list-style-type: none"> • Communication Applications 	
Physical Education Proficiency (limit of 2 credits may count toward graduation)	1.5
<ul style="list-style-type: none"> • One and one-half credits in physical education or an equivalent substitute 	
Technology Proficiency	1.0
<ul style="list-style-type: none"> • One credit in a computer course (see computer course descriptions) 	
ADDITIONAL COMPONENTS - ELECTIVE COURSES	3.5
<ul style="list-style-type: none"> • The credits may be selected from the list of courses approved by the SBOE for Grades 9 – 12 (relating to TEKS). 	
TOTAL CREDITS REQUIRED:	26.0

* **College Board Advanced Placement** courses may be substituted for requirements in appropriate proficiency areas.

** The state requires Biology, Chemistry, and Physics for the DAP program.

*** Three years of foreign language are required for DAP and Texas Scholar programs.

Students may earn credit through an exam for acceleration for which they have received no prior instruction by passing with a 90%.

Student Name

Date

**Recommended High School
Graduation Checklist
(2011 GRADUATES and beyond)**

- _____ English 1/English 1 PreAP
- _____ English 2/English 2 PreAP
- _____ English 3/English 3 PreAP/English 3 AP
- _____ English 4/English 4 AP/English 4 AP-Dual
- _____ Algebra 1/ Algebra 1 PreAP (may have been taken in 8th grade)
- _____ Geometry/Geometry PreAP
- _____ Algebra 2/Algebra 2 PreAP
- _____ SBOE approved math course (Math Models or Precalculus)
- _____ Biology 1/Biology 1 PreAP
- _____ Integrated Physics & Chemistry
- _____ Chemistry/Chemistry PreAP
- _____ Physics/Physics PreAP/Principles of Technology/SBOE approved science course
- _____ World Geography/World Geography PreAP
- _____ World History/World History AP
- _____ U. S. History/U. S. History AP
- _____ U. S. Government/American Government AP/Am. Government Dual (.5 credit)
- _____ Economics/Economics AP (.5 credit)
- _____ Physical Education (1.5 credits)
- _____ Health (.5 credit)
- _____ Speech (.5 credit)
- _____ Fine Arts
- _____ Computer/Technology Applications
- _____ Spanish 1 (may have been taken in 8th grade)
- _____ Spanish 2
- _____ Spanish 3 (required for DAP or Texas Scholar)
- _____ Additional Electives (3.5 credits)

1. _____

2. _____

3. _____

4. _____

Total required credits for graduation = 26

Total credits student may earn during four years of high school = 28

Parent Signature

Student Signature

DISTINGUISHED ACHIEVEMENT PROGRAM (2008 and beyond Graduates)

Purpose:

The purpose of the Distinguished Achievement Program is to recognize students who perform at a level clearly beyond that expected of high school students. The DAP acknowledges students who demonstrate levels of performance equivalent to college students or to work done by professionals in the arts, sciences, business, industry, or in community service.

The Distinguished Achievement Program (DAP) requires students to complete the Recommended High School Graduation Program for their specific year of graduation and include a 3rd year of the same foreign language. In addition, the DAP requires that all students successfully complete any combination of four advanced measures.

Standards for Advanced Measures:

- ◆ must focus on demonstrated student performance at the college or professional level
 - ◆ assessed through an external review process
-

Advanced Measures:

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 (Texas Essential Knowledge and Skills as set forth in 19 TAC §74.1)
- ◆ may not be used for more than two (2) of the four (4) advanced measures
- ◆ if student elects to complete two research/projects, two separate proposals required (*strongly recommended: only one completed/presented during a school year*)
- ◆ prior approval required; research/projects presented/judged in April; deadline for submitting proposals to DAP Coordinator - September 1 of the preceding fall semester

Test Data:

- ◆ a score of three or above on The College Board Advanced Placement examination (may have four measures from this category)
- ◆ a score on the PSAT that qualifies the 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 Scholarship Program for Outstanding Negro Students of the National Merit Scholarship Corporation.
The PSAT score may count as only one advanced measure regardless of the number of honors received by a student.

College Courses:

- ◆ a grade of 3.0 (B) or higher on approved courses that count for a college credit (dual and/or concurrent enrollment), including tech prep programs.
-

Examples:

Students must earn at least four advanced measures and may do so in any combination. A student may not count two measures resulting from a single activity. For example, a student who scores a 3 or better on an AP U.S. History exam cannot also count a college credit course in U.S History.

- A student could receive a score of three or more on four College Board AP exams.
 - A student could: (1) successfully complete an original research/project, (2 & 3) score three or higher on two Advanced Placement exams, and (4) earn a grade of 3.0 on a JISD approved college course.
 - A student could: (1) successfully complete an original research/project, (2) score three on an Advanced Placement exam, (3) take a college course approved by JISD for college credit and make a grade of 3.0, and (4) score high on the PSAT as a Commended Scholar or higher.
 - A student could take four JISD approved college courses and earn a grade of 3.0 (B) or higher in each course.
-

Student Responsibility:

The student is responsible for filing a DAP plan and for documenting completion of each advanced measure with the DAP Coordinator. All advanced measures must be completed with documentation on file prior to graduation.

Note: Only students completing the DAP will be considered for Valedictorian and Salutatorian honors. Two of the four requirements of the DAP must be from scores of 3 or higher on Advanced Placement (AP) exams for Valedictorian/Salutatorian honors. All other students completing the DAP will be ranked according to cumulative GPA and noted as Distinguished Scholars. The official ranking for graduation is calculated at the end of the fifth six weeks.

- See DAP Coordinator and/or counselor for further details -

ENGLISH COURSE DESCRIPTIONS

ENGLISH I-IV

The English sequence is intended for all students. Instruction should occur within the context of speaking, listening, writing, and reading and includes development in the skills delineated in the essential elements (TEKS).

Course: English I

Credit: 1.0 credit

Grade Placement: 9th

Course Description: emphasizes three parts: literature, grammar, and composition. Reading and interpretation of the literature selections are frequently used as topics for composition. Students are required to apply their knowledge of basic rules of grammar and usage in the compositions.

Course: Pre AP English I

Credit: 1.0 credit

Grade Placement: 9th

Course Description: goes beyond the English I course in both content and scope. This is done through a study of a variety of genres by authors from all regions. Students are to achieve a high degree of competency in the basic skills of reading, writing, listening, and speaking. Students will review language study, composition, and literary skills, building upon past language study and analyzing new literary selections. *Five extra points will be calculated into the student's overall GPA each semester for this class.*

Course: Language Development I – IV

Credit: 1.0 credit per course

Grade Placement: 9th – 12th

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

Course Description: This course emphasizes improvement of language development through reinforcement and extension of reading skills.

Course: English I-IV AB

Credit: 1.0 credit per course

Grade Placement: 9th - 12th

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

Course Description: These courses are aligned with the Texas Essential Knowledge and Skills (TEKS) and may be modified to satisfy the individual needs of students.

Course: English II

Credit: 1.0 credit

Grade Placement: 10th

Course Description: emphasizes three parts: reading, writing and grammar. Literature and composition assignments are selected for the needs and interests of students. Students are required to apply their knowledge of basic rules of grammar and usage in the compositions.

Course: Pre AP English II

Credit: 1.0 credit

Grade Placement: 10th

Course Description: goes beyond the English II course in both content and scope. Extensive practice, especially in the area of writing, will aid in the development of skills and techniques. *Five extra points will be calculated into the student's overall GPA each semester for this class.*

Course: English III

Credit: 1.0 credit

Grade Placement: 11th

Course Description: emphasizes three parts: American literature, grammar, and composition, focusing on a background in American literature. Knowledge of American literature parallels our American historical growth. Students are required to apply their knowledge of grammar and usage in compositions dealing with literature selections and a research paper.

Course: Pre AP English III

Credit: 1.0 credit

Grade Placement: 11th

Course Description: is an in-depth study of American literature. Major authors and their selections from all genres are read and discussed. These also serve as the basis for composition assignments. Advanced language study and composition occur throughout the year. *Five extra points will be calculated into the student's overall GPA each semester for this class.*

Course: AP English III: Language and Composition

Credit: 1.0 credit

Grade Placement: 11th

Course Description: This course allows students to write in a variety of forms - narrative, exploratory, expository, argumentative and on a variety of subjects from personal experiences to public policies and from imaginative literature to popular culture. The ultimate goal is to enable students to read complex texts with understanding and to write prose of sufficient richness and complexity to communicate effectively with mature readers. Students will be prepared to take the English Composition Advanced Placement test in spring (optional) which may result in college credit depending on the exam score. *Seven extra points will be calculated into the student's overall GPA each semester for this class.*

Course: English IV

Credit: 1.0 credit

Grade Placement: 12th

Course Description: is designed to present a sequential and fused program in reading, writing, speaking, listening and reasoning. A variety of traditional English literature is surveyed. Instruction concerning the development and completion of a research paper is of particular value to senior students.

Course: AP English IV: Literature

Credit: 1.0 credit

Grade Placement: 12th

Course Description: goes beyond the English IV course in both content and scope. This course traces the development of literature from the Greek/Roman literature through the twentieth century using major literary works from all genres. The major emphasis is on English literature. Extensive work includes independent and guided research with an in-depth look at literature focusing on an analytical, logical, and critical thinking process. The students in the AP English IV class will be eligible to take the Advanced Placement Examination as offered by the College Board. (This is not required). Students who receive a three to a five on the examination can apply for college credit in this area. **(Dual credit will be offered through Jacksonville College or Lon Morris for ENGL 1301 and ENGL 1302, freshman level college English as an option.)** *Seven extra points will be calculated into the student's overall GPA each semester for this class.*

Course: English 4/Dual Credit

Credit: 1.0 credit

Grade Placement: 12th

Course Description: English 4/English 1301/1302 - Composition and Rhetoric I/II

This class is offered on the high school campus as dual credit with either Jacksonville College or Lon Morris College for courses ENGL 1301 and ENGL 1302.

English 4/English 1301 includes the development of skills and competencies in the course subject matter in reading, writing, speaking, and critical thinking. Course activity is mainly non-fiction reading and an extensive work in the processes of composition.

English 4/English 1302 includes further training in composition and critical thinking combined with the study of drama, poetry, and short stories for analysis of thematic approach style. **Prerequisite: ENGLISH 1301.** *Seven extra points will be calculated into the student's overall GPA each semester for this class.*

Course: English for Speakers of Other Languages (I-II-III)

Credit: 1.0 credit

Grade Placement: 9th - 12th

Course Description: is designed for the student of limited English proficiency (LEP), that is, a student whose primary language is not English and/or who comes from a home where the primary language is other than English. ESOL I and ESOL II may be substituted for English I and II for students with limited English proficiency. ESL III must be taken in conjunction with English III.

Course: Newcomers Literacy

Credit: 1.0 credit

Grade Placement: 9th - 12th

Course Description: English language learners new to the United States develop literacy and language skills and build content knowledge and key concepts in English listening, speaking, reading, and writing. Additional courses in Newcomers English, Newcomers Math, Newcomers Science, and Newcomers History are also available to English language learners who speak little or no English.

ENGLISH ELECTIVES

Course: Debate (I - II)

Credit: 1.0 credit

Grade Placement: 10th - 12th (Debate II is for 11th or 12th grade only)

Course Description: Over the course of the semester, the students will learn and develop skills in argumentation and debate. They will learn to acquire an interest in current issues, develop sound critical thinking skills, and sharpen their communication skills. Controversial issues arise in aspects of personal, social, public, and professional life in modern society. This class of debate and argumentation will be helpful for students who want to learn how to make better decisions and reduce the conflict in their everyday lives. They will acquire life-long skills for intelligently approaching controversial issues and clashes of opinion. In this class, the students will learn Lincoln-Douglas Debate, Extemporaneous Speaking, Cross-Examination Debate, Impromptu Speaking, Persuasive, and Informative Speaking. This class will also help students, who are interested, prepare for UIL speaking events.

Course: Journalism

Credit: 1.0 credit

Grade Placement: 9th - 12th

Course Description: is a beginning course designed for students interested in scholastic journalism and journalistic writing. After reviewing the significant historical events of American print journalism, students examine all aspects of a publication's production, from fact-gathering to graphics design. This course helps students to recognize and use journalistic style in the writing of news, features, and editorials; they also practice techniques of copy editing, proofreading, and headline writing. Publication's design advertising, and editorial policies are also treated in this course. *This course is recommended as a prerequisite for one or both of the advanced journalism courses.*

Course: **Advanced Journalism (I - II) (Yearbook)**
Credit: **1.0 credit**
Grade Placement: **11th – 12th (10th with permission of advisor)**
Prerequisite: **Journalism I (may be waived by instructor)**

Course Description: is a course in which a student may earn from one to two credits. Journalistic writing, editing, and graphic skills necessary to produce a high school yearbook will be taught along with organizational skills. Must have been in either Journalism I or Photojournalism to be in the class.

Course: **Advanced Journalism (I - II) (Newspaper)**
Credit: **1.0 credit**
Grade Placement: **10th – 12th**
Prerequisite: **Journalism I (may be waived by instructor)**

Course Description: is a course in which a student may earn from one to two credits. Journalistic writing, editing, and graphic skills necessary to produce “The Drumbeat,” the high school newspaper, will be taught. Recommendation of English teachers is also advised.

Course: **Advanced Journalism III**
Credit: **1.0 credit**
Grade Placement: **12th**

Course Description: is a course for seniors only on the newspaper or yearbook staff. This course can also meet the graduation requirement for one credit in computer technology if it is identified as “Desktop Publishing.”

Course: **Photojournalism**
Credit: **0.5 credit (Fall)**
Grade Placement: **10th - 12th**

Course Description: is a one-half credit course designed for students interested in the journalistic aspect of photography. The course of study includes the development and uses of photographic skills for news and publication purposes. It develops competency in taking, developing, and printing new photographs for use in school publications. It also deals with the elements of photo composition, the selection, cropping, and scaling of new photos; and elements of design and layout involving photographs. Students will be required to take an assigned number of pictures during each six weeks and meet deadlines in order to pass the class. Taking pictures outside of class is mandatory. Some expenses must be met by students. Projects and deadlines are mandatory.

Course: **Mass Communications/Independent Study**
Credit: **0.5 credit (Spring)**
Grade Placement: **10th - 12th**

Course Description: is a one-half credit course for students interested in studying a specific area of interest such as: broadcast journalism, desktop publishing, etc.

Course: **Journalism Independent Settings**
Credit: **0.5 credit**
Grade Placement: **11th - 12th**

Course Description: Students will be placed in actual media settings during class (newspapers, radio, etc.). Students will work on publications and sell advertising of those publications. Students will be required to provide their own transportation to sell ads with parent approval. Students will work on school sports programs (soccer and football during the semester).

Course: **READ 180**
Credit: **1.0 credit**
Grade Placement: **9th - 12th**

Course Description: This course emphasizes the improvement of reading development through reinforcement and extension of reading skills.

Course: DAP Independent Study Course

Credit: 1.0 credit

Grade Placement: 10th - 12th

Course Description: an elective course designed for students to conduct in-depth research, prepare a product of professional quality, and present their findings to appropriate audiences. Students, working independently or in collaboration with a mentor, investigate a problem, issue, or concern; research the topic using a variety of technologies; and present a product of professional quality to an appropriate audience. This product may be the result of either an independent study (research based) experience or a mentored study (apprentice based) experience.

COMMUNICATION COURSE DESCRIPTIONS

Course: Communication Applications

Credit: 0.5 credit

Grade Placement: 11th - 12th

Course Description: is a one-semester course designed to meet the ½ unit of speech required for graduation.

Course: Independent Study: English/Speech

Credit: 0.5 - 1.0 credit (local credit only)

Grade Placement: 10th - 12th

Course Description: is open only to those students who are serious about UIL competition. Participation in practice meets and events is expected. The team teaching approach will occur in the effort to integrate several major areas of UIL competition. The areas of Ready Writing, Spelling and Literary Criticism will prepare and receive state credit for Independent Study in English. Competitors in Prose, Informative and Persuasive Speaking will organize their speeches and practice for these events while receiving state credit for Independent Study in Speech. **Teacher approval is required.**

MATHEMATICS COURSE DESCRIPTIONS

Course: Algebra I

Credit: 1.0 credit

Grade Placement: 9th

Course Description: is a one-year course designed to enhance the ability to think and analyze solutions to problems as opposed to simply memorizing. Algebra I is an important foundation for students who plan to study more advanced math courses. **Not open to students who completed Algebra I in 8th grade.**

Course: Algebra I Pre AP

Credit: 1.0 credit

Grade Placement: 9th

Course Description: is a one-year course designed for students showing advanced aptitude toward mathematics and includes the same topics as Algebra I but in greater depth and scope. Additional topics are included for the students who plan to take advanced math and science courses. **Not open to students who have previously received credit in Algebra I. Five extra points will be calculated into the student's overall GPA each semester for this class.**

Course: Algebra I AB

Credit: 1.0 credit

Grade Placement: 9th - 12th

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

Course Description: This course is designed for students who are competent in basic math skills but have not yet mastered all of the 8th grade essential skills needed for success. General education Algebra I materials, pacing and skills may be modified to meet individual needs of students.

Course: Geometry

Credit: 1.0 credit

Grade Placement: 9th - 10th

Prerequisite: Algebra I.

Course Description: is a one-year course designed to teach students to think logically. Students will learn to analyze, organize, and apply facts concerning figures composed of points, lines, and surfaces or combinations of these. The facts learned in geometry are very important since they play a prominent part in industry, mechanics, physical sciences and advanced mathematics.

Course: Geometry Pre AP

Credit: 1.0 credit

Grade Placement: 9th - 10th

Prerequisite: Algebra I.

Course Description: is a one-year course designed for students showing advanced aptitude toward mathematics and the ability to reason logically. This course includes the same topics as geometry, but in greater depth and scope. Greater emphasis will be placed on topics such as coordinate proofs, transformations, and principles of logic. Required research and projects will be included. *Five extra points will be calculated into the student's overall GPA each semester for this class.*

Course: Geometry AB

Credit: 1.0 credit

Grade Placement: 9th - 12th

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

Course Description: This course is designed for students who are competent in basic math skills but have not yet mastered all skills needed for success in general education Geometry. General Education Geometry material, pacing and skills may be modified to meet individual needs of students.

Course: Mathematical Models with Applications

Credit: 0.5 - 1.0 credit

Grade Placement: 10th - 11th

Prerequisite: Algebra I

Course Description: is a mathematics course that will extend the concepts covered in Algebra I to include such topics as using multiple representations, technology, applications and modeling, and numerical fluency in problem-solving contexts. The student will be required to use a graphing calculator. This course must be taken prior to Algebra II.

Course: Algebra II

Credit: 1.0 credit

Grade Placement: 10th - 11th

Prerequisite: Algebra I and Geometry (or concurrently enrolled in Geometry) [Recommended that students purchase a TI83+ or higher calculator.]

Course Description: is a one-year mathematics course that will extend the concepts covered in Algebra I to include such topics as functions, complex numbers, conic sections, quadratic equations, and matrices and determinants. The student will be required to use a graphing calculator.

Course: Algebra II Pre AP

Credit: 1.0 credit

Grade Placement: 10th - 11th

Prerequisite: Algebra I and Geometry (or concurrently enrolled in Geometry) [Recommended that students purchase a TI83+ or higher calculator.]

Course Description: is a one-year course designed for students showing advanced aptitude toward mathematics. The course covers the same topics as Algebra II, but in greater depth and scope. Additional topics that are beneficial to college-bound students considering math and science careers are included. *Five extra points will be calculated into the student's overall GPA each semester for this class.*

Course: Algebra II AB

Credit: 1.0 credit

Grade Placement: 9th - 12th

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

Course Description: This course is designed for students who are competent in basic math skills but have not yet mastered all of the skills needed for success in Algebra II. General education Algebra II materials, pacing and skills may be modified to meet individual needs of students.

Course: Precalculus

Credit: 1.0 credit

Grade Placement: 11th - 12th

Prerequisite: Algebra II (Recommended that students purchase a TI-83 or higher calculator.)

Course Description: is a one year course designed to follow Algebra II. Precalculus is a preparatory class for Calculus, and it covers the essential elements of trigonometry, analytical geometry, as well as real numbers and coordinates; functions and their graphs; polynomial and rational functions; exponential and logarithmic functions; circular functions and their properties; trigonometric functions, their properties, identities, and applications; vectors; complex numbers; polar coordinates and their graphs; sequences and series; curves in a plane, conics and transformations; second degree relations; matrices and determinants; the binomial theorem; and limits. Students planning to take Calculus should take this course. It is recommended that students earn average or above average grades in Geometry and Algebra II.

Course: Precalculus Pre AP

Credit: 1.0 credit

Grade Placement: 11th - 12th

Prerequisite: Algebra II (Recommended that students purchase a TI-83 or higher calculator.)

Course Description: is a one-year course designed to follow Algebra II. Precalculus Pre AP is a preparatory class for Calculus, designed for students in the Distinguished Achievement Program and it covers the essential elements of trigonometry, analytical geometry, as well as real numbers and coordinates; functions and their graphs; polynomial and rational functions; exponential and logarithmic functions; circular functions and their properties; trigonometric functions, their properties, identities, and applications; vectors; complex numbers; polar coordinates and their graphs; sequences and series; curves and transformations; second degree relations; matrices and determinants; the binomial theorem; and limits, but greater depth and scope than Pre Calculus. Students planning to take Calculus should take this course. It is recommended that students earn average or above average grades in Geometry and Algebra II. *Five extra points will be calculated into the student's overall GPA each semester for this class.*

Course: Dual/AP Calculus

Credit: 1.0 credit

Grade Placement: 12th

Prerequisite: Precalculus (Recommended that students purchase a TI-83 or higher calculator.)

Course Description: is recommended for the advanced mathematics student who desires to pursue a career in Engineering, Physics, Mathematics or other science-related fields. It includes concepts and skills associated with the limit of function; the derivative and application of derivatives; integration and techniques of integration; along with application of integrals. AP Calculus is designed to prepare a motivated student to take the Advanced Placement Calculus Examination as offered by the College Board. Students who receive a three to five on the examination may receive college credit in this area. The textbook used will be a college textbook and work will be equivalent to that performed by college students. Acceptance in this class does not mandate that you participate in the Advanced Placement Examination; however, you will be encouraged to study more and attempt the examination. Students taking this course will not be allowed to withdraw until after the first semester and then must have parent and teacher approval. *Seven extra points will be calculated into the student's overall GPA each semester for this class.* Dual credit may be offered through an agreement with the local junior college.

Course: Applied Math I

Credit: 1.0 credit

Grade Placement: 9th - 12th

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

Course Description: This course is designed for students whose mathematics skills are 2-3 years or more below grade level. It includes basic operations involving whole numbers, decimals and fractions.

Course: Applied Math II

Credit: 1.0 credit

Grade Placement: 9th - 12th

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

Course Description: The major emphasis of this course is the operation of whole numbers, decimals and fractions in practical life situations. Subject matter covered includes, but is not limited to, the following: personal finance, budgeting and banking.

Course: Applied Math III

Credit: 1.0 credit

Grade Placement: 9th - 12th

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

Course Description: This course covers Pre-Algebra skills for students who are not yet functioning at the abstract level needed for success in Algebra I.

Course: Applied Math IV

Credit: 1.0 credit

Grade Placement: 9th - 12th

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

Course Description: This course is designed for students who need additional time to master the content of Applied Math III.

MATHEMATICS ELECTIVES

Course: Independent study: Mathematics

Credit: 1.0 credit (local credit only)

Grade Placement: 9th - 12th

Course Description: This course is open only to those students who are serious about UIL competition. Participation in practice meets and events is expected. The team teaching approach will occur in the effort to integrate several major areas of UIL competition. Math will include number sense, calculator application, and general mathematics. **Teacher approval is required.**

Course: AP Statistics

Credit: 1.0 credit

Grade Placement: 11th - 12th (Recommended that students purchase a TI-83 plus or higher calculator.)

Course Description: The purpose of this course is to introduce 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: Observing patterns and departures from patterns.
- ◆ Planning a Study: Deciding what and how to measure.
- ◆ Anticipating Patterns: Producing models using probability and simulation.
- ◆ Statistical Inference: Confirming models.

AP Statistics is designed to prepare a motivated student to take the Advanced Placement Statistics Examination as offered by the College Board. Students who receive a three to five on the examination may receive college credit in this area. The textbook used will be a college textbook and work will be equivalent to that performed by college students. Acceptance in this class does not mandate that you participate in the Advanced Placement Examination; however, you will be encouraged to study more and attempt the examination. Students taking this course will not be allowed to withdraw until after the first semester and then must have parent and teacher approval. *Seven extra points will be calculated into the student's overall GPA each semester for this class.*

SCIENCE COURSE DESCRIPTIONS

Course: Integrated Physics and Chemistry

Credit: 1.0 credit

Grade Placement: 9th - 10th

Course Description: course is an introductory course for Grades 9 and 10 designed to show the relationship between chemistry and physics in the following topics: motion, waves, energy transformations, properties of matter, changes in critical thinking, and the safe manipulation of laboratory apparatus and materials. **Students who have completed Chemistry may not take Integrated Physics and Chemistry.**

Course: Integrated Physics and Chemistry AB

Credit: 1.0 credit

Grade Placement: 9th - 12th

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

Course Description: This course includes manipulative and investigative skills, scientific problem solving, and knowledge and application of scientific applications. Essential knowledge and skills, pacing or materials of the regular curriculum may be modified to meet individual needs of students.

Course: Biology

Credit: 1.0 credit

Grade Placement: 9th - 10th

Course Description: is the study of the structure, growth and function of the life systems of selected organisms. The study will encompass historical contributions to biological concepts; energy production, transfer, and use in living systems; and the inter-relatedness of organisms with each other and their environments. Students acquire data using their senses and instrumentation. Observations are made of living organisms in the environment, prepared specimens, various ecosystems, and inherited traits. Student investigations emphasize accurate observations, collection of data, data analysis, and safe manipulation of laboratory apparatus and materials in the laboratory.

Course: Pre AP Biology

Credit: 1.0 credit

Grade Placement: 9th - 10th

Course Description: goes beyond the content and scope of Biology. The main difference in the courses is in the level of instruction, pace and testing policies. Students are encouraged to develop thinking skills and study habits that will benefit them in college courses. The information presented is patterned after college Botany and Zoology classes to insure success at the college level. *Five extra points will be calculated into the student's overall GPA each semester for this class.*

Course: AP Biology

Credit: 1.0 credit

Grade Placement: 10th - 12th

Prerequisite: Biology (Pre AP Biology is recommended.)

Course Description: is designed for the students who have an interest in more in-depth study of concepts of biology. The course is recommended for anyone considering a field in the biological sciences, serious UIL science competitors, or will take botany and zoology their freshman year of college. Major topics included are evolution, animal behavior, cellular respiration, heredity, biochemistry, the cell and its processes, tissues and other related topics. The students participate in leading discussions, presenting class materials and completion of 12 laboratory activities suggested by the College Board. The students will be eligible to take the Advanced Placement Examination as offered by the College Board. (While not required it is encouraged.) Those receiving from a three to five on the examination can apply for college credit in this area. Topics cover a college biology course for majors in biology; a college textbook is required with the laboratory more complex and equivalent to that performed by college students. *Seven extra points will be calculated into the student's overall GPA each semester for this class.*

Course: Biology AB

Credit: 1.0 credit

Grade Placement: 9th - 12th

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

Course Description: This course includes the study of the chemical and cellular basis of life; concepts in heredity, ecology and human systems. Essential knowledge and skills, pacing or materials of the regular curriculum may be modified to meet individual needs of students.

Course: Chemistry

Credit: 1.0 credit

Grade Placement: 10th - 12th

Course Description: is the study of the structure, composition, and behavior of matter and emphasizes the investigation of matter, its interactions, and the factors affecting the interactions. A laboratory oriented course that stresses the observation of matter and its behavior, classification of matter, communication of data, measurement of chemical quantities, predictions of chemical phenomena, and manipulation of chemical investigations. Students acquire data by using their senses and instrumentation. The investigations emphasize accurate observations, collection of data, data analysis, and safe manipulation of laboratory materials.

Course: Pre AP Chemistry

Credit: 1.0 credit

Grade Placement: 10th - 12th

Course Description: goes beyond the content and scope of Chemistry as described above. *Five extra points will be calculated into the student's overall GPA each semester for this class.*

Course: AP Chemistry

Credit: 1.0 credit

Grade Placement: 11th - 12th

Prerequisites: Chemistry (Pre AP Chemistry is preferred, and Physics is recommended).

Course Description: is designed to be taken after the successful completion of a first course in high school chemistry and completion of Algebra II. AP Chemistry is intended to be the equivalent of a college level first year chemistry course with emphasis in lab. Students should attain a depth of understanding of fundamentals and a competence in dealing with chemical problems. Students will be eligible to take the Advanced Placement Examination as offered by the College Board. (This is not required.) Students who receive from a three to a five on the examination can apply for college credit. The textbook used will be a college textbook; the laboratory work will be more complex and equivalent to that performed by college students. *Seven extra points will be calculated into the student's overall GPA each semester for this class.*

Course: Physics

Credit: 1.0 credit

Grade Placement: 11th - 12th

Prerequisites: Algebra I and Algebra II or Geometry.

Course Description: is designed to study matter and energy and their interactions. Fundamental concepts in the areas of mechanics, light, sound, heat, electricity, magnetism and nuclear phenomena are introduced. Students acquire information using the senses and instrumentation. Observations of laws of force and motion, the nature of light, wave phenomena, and properties of electricity and magnetism are integral components of the course. Student investigations emphasize accurate observations, collection of data, data analysis, and the safe use of laboratory equipment.

Course: Pre AP Physics

Credit: 1.0 credit

Grade Placement: 11th - 12th

Course Description: goes beyond the content and scope of Physics as described above. *Five extra points will be calculated into the student's overall GPA each semester for this class.*

Course: AP Physics

Credit: 1.0 credit

Grade Placement: 11th - 12th

Prerequisites: Algebra I, Algebra II, or Geometry (Pre AP Physics is preferred, and enrollment in Precalculus is recommended.)

Course Description: The Advanced Placement Physics course provides a systematic introduction to the main principles of physics and emphasizes the development of problem-solving ability. It is assumed that the student is familiar with algebra and trigonometry; calculus is seldom used, although some theoretical developments may use basic concepts of calculus. AP Physics is intended to be the equivalent of a college level first year physics course with emphasis in lab. Students should attain a depth of understanding of fundamentals and competence in dealing with physical phenomena. Students will be eligible to take the Advanced Placement Examination as offered by the College Board (This is not required.) Students who receive from a three to a five on the examination can apply for college credit. The textbook used will be a college textbook; the laboratory work will be more complex and equivalent to that performed by college students. *Seven extra points will be calculated into the student's overall GPA each semester for this class.*

Course: Integrated Academics Science

Credit: 1.0 - 2.0 credit

Grade Placement: 9th - 12th

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

Course Description: This course provides a practical and functional approach to areas of Health, Science and History. Individual and group skills are emphasized.

SCIENCE ELECTIVES

Course: Anatomy and Physiology of Human System

Credit: 1.0 credit

Grade Placement: 10th - 12th

Prerequisite: Pre AP Biology and Chemistry are recommended as prerequisites.

Course Description: is a course for those students who desire an understanding of the structure and function of the human body systems. Cat dissection is included for muscle and circulatory studies (necessary course for Kinesiology majors, PE and coaching emphasis, biology majors and health oriented majors.) Dual enrollment at Lon Morris College is available for students who wish to earn college credit. Class is held on the High School Campus. Certain labs are held on the Lon Morris Campus. *Seven extra points will be calculated into the student's overall GPA each semester for this class.*

Course: Laboratory Management

Credit: 1.0 credit (local credit only)

Grade Placement: 11th - 12th

Course Description: is designed to increase student skills in laboratory techniques and procedures. Only those students who are interested in assisting a science teacher and have an aptitude in sciences may enroll. The students will assist in setting up and dismantling laboratory equipment, organize supplies, mixing reagents and bookkeeping. Students will be trained as laboratory assistants. (Teacher approval and Chemistry required.)

Course: Independent Study: Science

Credit: 0.5 - 1.0 credit (local credit only)

Grade Placement: 9th - 12th

Course Description: is open to those students who are serious about UIL competition. Participation in practice meets and events is expected. The team teaching approach will occur in the effort to integrate several major areas of UIL competition. **All science levels (Biology, Chemistry, and Physics) will receive special instruction. Teacher approval is required.**

SOCIAL STUDIES COURSE DESCRIPTIONS

Course: United States History

Credit: 1.0 credit

Grade Placement: 11th - 12th

Course Description: is a one-year course (the second year of study of U.S. History). It continues the focus from the eighth grade on the history, geography, and political and economic growth of the nation; the theme of culture as a characteristic of American society, past and present including significant individuals, issues and events after the period of Reconstruction to the present. The study of U.S. geography, in regard to location and shape, is integrated into the course.

Course: United States History for Speakers of Spanish (USH SOS)

Credit: 1.0 credit

Grade Placement: 9th - 10th

Course Description: is a one-year course and is designed for students who are primarily Spanish speaking. It is the second year of study of United States History. It continues the focus from eighth on history, geography, and political and economic growth of the nation. It also continues the theme of culture as a characteristic of American society, past and present. This course includes significant individuals, issues and events after the period of Reconstruction to the present. The study of U.S. geography, in regard to location and shape, is integrated into the course. USH SOS is for beginning to intermediate speakers of English.

Course: AP United States History

Credit: 1.0 credit

Grade placement: 11th - 12th

Course Description: is an intense study of the political, military, diplomatic, social, and cultural history of the United States from the period of discovery and exploration to the present. Lectures, discussions, examinations of different points of view, and readings will dominate the course. Students will gain invaluable practice in deeper comprehension in reading, taking objective exams, answering the document-based questions, and developing an organized and readable essay. Opportunity for college credit can be achieved by taking the College Board AP Exam. (Open to students with prior credit in U.S. History as local credit.) *Seven extra points will be calculated into the student's overall GPA each semester for this class.*

Course: United States History AB

Credit: 1.0 credit

Grade Placement: 9th - 12th

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

Course Description: This course exposes students to the historical events that have shaped the United States today. Reading and study skills in the content area are also emphasized. Essential knowledge and skills, pacing or materials of the regular curriculum may be modified to meet individual needs of students.

Course: World History

Credit: 1.0 credit

Grade Placement: 10th - 12th

Course Description: includes further study of the history and development of world cultures encountered in the earlier secondary social studies courses. Content includes the development of early civilization, western civilization and other world regions from their early days to present. Students should be better able to understand world events that may arise in the present and in the future. An attempt is made to show the interrelationships in the world with stress on the way one period on history may influence a succeeding period.

Course: World History for Speakers of Spanish (WH SOS)

Credit: 1.0 credit

Grade Placement: 10th - 12th

Course Description: is designed for students who are primarily Spanish speaking. It includes further study of the history and development of world cultures encountered in the earlier secondary social studies courses. Content includes the development of early civilization, western civilization and other world regions from their early days to present. Students should be better able to understand world events that may arise in the present and the future. An attempt is made to show the interrelationship in the world with stress on the way one period of history may influence a succeeding period. WH SOS is for beginning to intermediate speakers of English.

Course: World History AB

Credit: 1.0 credit

Grade Placement: 9th - 12th

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

Course Description: This course emphasizes the study of significant people, events, and issues of humankind. Essential knowledge and skills, pacing or materials of the general education curriculum may be modified to meet individual needs of students.

Course: AP World History

Credit: 1.0 credit

Grade Placement: 10th – 12th

Course Description: the purpose of this course is to develop greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. This understanding is advanced through a combination of selective factual knowledge and appropriate analytical skills. The course highlights the nature of changes in international frameworks and their causes and consequences, as well as comparisons among major societies. The course emphasizes relevant factual knowledge deployed in conjunction with leading interpretive issues and types of historical evidence. Focused primarily on the past thousand years of the global experience, the course builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set the human stage prior to AD 1000. Periodization, explicitly discussed, forms the organizing principle for dealing with change and continuity from that point to the present. Specific themes provide further organization to the course, along with the consistent attention to contacts among societies that form the core of world history as a field of study. This course should also be viewed as a gateway to more advanced work in social studies. (Open to students with prior credit in World History as a local credit.) *Seven extra points will be calculated into the student's overall GPA each semester for this class.*

Course: World Geography

Credit: 1.0 credit

Grade Placement: 9th - 12th

Course Description: is a one-year course that provides the opportunity to study the interaction of people and their physical environments in the major areas of the world. Students acquire an understanding of the physical setting of the earth, locate and study different land forms and regions of the world, learn how people and geography impact each other and urbanism. Content offers students the opportunity to put into practice the geographical concepts and skills accumulated through earlier social studies programs.

Course: Pre AP World Geography

Credit: 1.0 credit

Grade Placement: 9th – 12th

Course Description: a course that goes beyond the standard World Geography course in both content and scope. The course provides an opportunity to study, in depth, cultural, social, political and economic geography in a physical geographical framework throughout the world's regions. Content offers students the opportunity to put in practice the geographical concepts and skills accumulated through earlier social studies programs. Successful completion of this class will also afford the student the skills to assist them in other advanced social studies classes such as AP World History, AP US History, and AP Government and Economics. This course will also fulfill the required World Geography credit towards graduation under the Recommended High School Program. *Five extra points will be calculated into the student's overall GPA each semester for this class.*

Course: World Geography AB

Credit: 1.0 credit

Grade Placement: 9th - 12th

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

Course Description: This course is designed to examine both physical and cultural geography. Studies include the physical setting of the earth, interaction of physical environments, economic resources and the patterns of urban growth. Essential knowledge and skills, pacing or materials of the regular curriculum may be modified to meet individual needs of students.

Course: United States Government

Credit: 0.5 credit

Grade Placement: 12th

Course Description: is a one-semester course that provides an opportunity to study, in depth, the foundation of the U.S. political system; to analyze the political institutions, process and values of the system; to trace the development of the U.S. governmental system; and to analyze the structure and functions of government on local, state and federal levels.

Course: AP Government & Politics: U.S.

Credit: 0.5 credit

Grade Placement: 11th - 12th

Course Description: is a one-semester course that goes beyond the U.S. Government class in both content and scope. The course provides an opportunity to study, in depth, the foundation of the U.S. political system; to analyze the political institutions, processes and values of the system; to trace the development of the U.S. governmental system; and to analyze the structure and functions of government on local, state and federal levels. The students who are accepted into the AP Government & Politics class will be eligible to take the Advanced Placement Examination as offered by the College Board. (This is not required.) Students who receive from a three to a five on the examination can apply for college credit in this area. Acceptance in this class does not mandate that you participate in the Advanced Placement Examination; however, you will be encouraged to study more and attempt the examination. *Seven extra points will be calculated into the student's overall GPA each semester for this class.*

Course: U S Government/Dual

Credit: 0.5 credit

Grade Placement: 12th

Course Description: This is an intensive college level course offered concurrently through Jacksonville College, Lon Morris College and Tyler Junior College. The student must meet all requirements for admission to and be enrolled in one of these colleges to take this course (see counselor for details). The college tuition and fees are the responsibility of the student. The course is a survey for the United States political landscape including theoretical principals of government, political systems, parties, the structure and function of federal, state and local governments, and United States political policies. Successful completion of this course will count for Government 2305 in college. *Seven extra points will be calculated into the student's overall GPA each semester for this class.*

Course: United States Government AB

Credit: 0.5 credits

Grade Placement: 12th

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

Course Description: This course includes the study of the U.S. political system and the necessity for citizen participation in the political process. Essential knowledge and skills, pacing or materials of the regular curriculum may be modified to meet individual needs of students.

Course: Economics

Credit: 0.5 credit

Grade Placement: 12th

Course Description: is a one-semester course that provides opportunity to study basic principals concerning production, consumption, and distribution of goods and services. Content builds an understanding of the components of the free enterprise system. Students study concepts such as supply and demand, the banking system, comparative economic systems, and the national economy.

Course: AP Economics

Credit: 0.5 credit

Grade Placement: 11th - 12th

Course Description: is a one-semester course that goes beyond the scope and content of the Economics class. This course provides opportunities for students to study basic principals concerning production, consumption and distribution of goods and services. Content builds an understanding of components of the free enterprise system. Students study concepts such as supply and demand, the banking system, comparative economic systems, and the national economy. AP Economics is intended to be the equivalent of the first Economics course at the college level. The students who are accepted into the AP Economics class will be eligible to take the Advanced Placement Examination as offered by the College Board. (This is not required.) Students who receive from a three to a five on the examination can apply for college credit in this area. Acceptance in this class does not mandate that you participate in the Advanced Placement Examination; however, you will be encouraged to study more and attempt the examination. *Seven extra points will be calculated into the student's overall GPA each semester for this class.*

Course: Economics AB

Credit: 0.5 credits

Grade Placement: 12th

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

Course Description: This course includes the study of the role of the government and consumer in the economic process. Essential knowledge and skills, pacing or materials of the regular curriculum may be modified to meet the individual needs of students.

Course: Integrated Academics Social Studies

Credit: 1.0 - 2.0 credit

Grade Placement: 9th - 12th

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

Course Description: This course provides a practical and functional approach to areas of Health, Science and History. Individual and group skills are emphasized.

SOCIAL STUDIES ELECTIVES

Course: Psychology

Credit: 0.5 credit (Fall)

Grade Placement: 10th – 12th

Course Description: is a fall-semester course that gives students the opportunity to study individual and group psychology. Students learn how the knowledge, methods, and theories of psychologists' are applied to analyzing human behavior. Course content is organized to help students develop critical attitudes toward superficial generalizations about human behavior, to recognize the tentativeness of propositions about human behavior, and to achieve a better understanding of behavior in general.

Course: Sociology

Credit: 0.5 credit (Spring)

Grade Placement: 10th – 12th

Course Description: is a spring-semester course that provides an opportunity for the systematic study of individuals, groups, and social institutions. Content includes such concepts as social stratification and mobility; cultural conflict, change and contract; the structure and function of social institutions; and the role of mores, traditions, and folkways in a society.

Course: AP Psychology

Credit: 1.0 credit

Grade Placement: 11th - 12th

Course Description: The purpose of the AP course in Psychology is to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to psychological facts, principals and phenomena associated with each of the major sub-fields within psychology courses. They also learn about the methods psychologists use in the science and practice. An introductory college course in psychology is generally one semester in length, with some variation among colleges. An AP course in psychology need not follow any specific college curriculum. Rather, the aim is to provide the student with a learning experience equivalent to that obtained in most college introductory psychology courses. *Seven extra points will be calculated into the student's overall GPA each semester for this class.*

FINE ARTS COURSE DESCRIPTIONS

Course: Art I

Credit: 1.0 credit

Grade Placement: 9th - 12th

Course Description: Beginning Art: This class begins with very simple designs. Students design and create portfolio folders, cartoons, still life paintings, sketchbooks, and clay containers. First semester begins with two dimensional drawings, and work into three dimensional art in the second semester. Second semester students look at artists and their works through computer research, create paper mache masks, and finally draw self portraits. *No fee required.*

Course: Art II

Credit: 1.0 credit

Grade Placement: 10th - 12th

Course Placement: Intermediate Art: This class teaches advanced painting techniques in both acrylic and water color paints, as well as pencil drawings. Students learn to paint landscapes, still life paintings, and portraits. Three D works are clay sculptures and paper mache masks. Second semester students will also choose an artist, and recreate some of the artist's works and build a power point presentation about the artist. *Art I is a prerequisite. No fee required.*

Course: Art III

Credit: 1.0 credit

Grade Placement: 11th - 12th

Course Description: Advanced Art: Students are encouraged to choose a specific subject or artist, and through investigation create two and three dimensional pieces of art that reflect their findings. Various mediums and new art techniques are taught. *Art II is a prerequisite. No fee required.*

Course: AP Studio Art

Credit: 1.0 credit

Grade Placement: 10th - 12th

Course Description: is not based on a written examination; instead, students submit portfolios for evaluation at the end of the school year. There are two distinct portfolios: the General Portfolio and the Drawing Portfolio. Since no standards, universally, valid studio art course can or should exist, the AP Studio Art Development Committee suggests guidelines for the submission of and AP portfolio rather than delineating a specific course. The portfolios are designed to allow freedom in structuring AP Studio Art courses while keeping in mind that the quality and breadth of the work should reflect first-year college-level standards. Therefore, the major responsibility for creating an AP course in art and preparing work to submit for evaluation belongs to the participating teachers and students. *Seven extra points will be calculated into the student's overall GPA each semester for this class. Art II or III is a prerequisite. Fee required.*

Course: Digital Imaging I

Credit: 1.0 credit

Grade Placement: 10th - 12th

Prerequisites: Art I, Business Computer information Systems or Operating Systems and teacher recommendation.

Course Description: is a one year course designed to train students to use computer-enhanced programs for the purpose of creating graphic designs and computer-generated art. This course is designed to teach those who are interested in pursuing a career in the field of computer graphics or computer art.

Course: Digital Imaging II

Credit: 1.0 credit

Grade Placement: 11th - 12th

Prerequisites: are Digital Imaging I and teacher recommendation.

Course Description: is a one-year course designed to train second year Digital Imaging students to further explore various computer programs for the purpose of creating graphic designs and computer-generated art. The student will create a series of works to be displayed as an exhibit at the end of the year. This course is designed specifically for preparing to enter the field of computer graphics or as an art-related profession

Course: Band I-IV

Credit: 1.0 credit

Grade Placement: 9th - 12th

Prerequisites: Approval of the band director and previous band experience (may be waived by band director).

Course Description: is the high school level instrumental music program that offers students the opportunity to increase the skills gained in middle school level band. Continued emphasis is placed on the highest quality of music and marching. Many after school practices and events are required as part of the grade. Enrollment for the full school year is required.

Course: Instrumental Ensemble I-IV

Credit: 1.0 credit

Grade Placement: 9th - 12th

Prerequisites: Class size is restricted.

1) Approval of the band director AND

2) The student must have tried out for the All-Region Band OR played a solo at Solo & Ensemble contest the previous year.

Course Description: is an elective course designed for the serious JHS Band student interested in improving his or her individual playing skills and understanding of music. It is intended to be a course of independent study with unstructured use of class time, although the student should use that time in practice. Each student will be required to:

1. Prepare for and try out for the All-Region Band.
2. Prepare and perform a solo at UIL Solo & Ensemble Contest.
3. Accept assignments made on an individual basis for the best progress in learning more about his or her instrument.

Course: Choral Music I-IV

Credit: 1.0 credit

Grade Placement: 9th - 12th

Course Description: includes four performing groups: freshman choir for 9th graders, sophomore choir for 10th graders, JHS Chorale for 11th and 12th graders and show choir (Expressions) for selected juniors and seniors. Admission to freshman choir is determined by recommendation of the middle school choral director or approval of the high school director in cases where the student has no middle school choir experience. *Admission to sophomore choir, chorale and show choir is based on past choir participation and/or approval of the choir director.*

Course: Vocal Ensemble I-II (Show Choir)

Credit: 1.0 credit

Grade Placement: 11th - 12th

Course Description: is a performing show choir (Expressions) for selected juniors and seniors. *Admission is based on past choir participation and/or the approval of the choir director.*

Course: Jazz Band

Credit: None

Grade Placement: 9th – 12th

Prerequisites: 1) approval of the band director and
2) current band enrollment (may be waived by the jazz band director).

Course Description: is an activity that exists when there is sufficient interest. It is not scheduled during the regular school day, but instead meets at an agreed upon weekly time usually during December through March. This group provides a chance for band students to experiment with jazz music. Instruments used are sax, trombone, trumpet, and a rhythm section composed of rhythm guitar, bass guitar, piano, and drum set.

Course: AP Music Theory

Credit: 1.0 credit

Grade Placement: 12th

Prerequisite: Students must meet the following requirements:

- 1) must be enrolled in choir or band, or must have had extensive piano training**
- 2) must be a senior OR must be a junior enrolled in DAP**
- 3) must plan to major or minor in music in college**
- 4) must get a signed permission slip from the teacher**
- 5) must agree to take the AP Music Theory test in May**

Course Description: a major component of any college curriculum in music is a course introducing the first-year student to theory. Such a course includes aspects of melody, harmony, texture, rhythm, form, and to some extent, history and style. The student's ability to read and write musical notation is fundamental to such a course. The ultimate goal of an AP Music Theory course is to develop a student's ability to recognize, understand, and describe the basic materials and processes of music that are heard or written in a piece of music so that he or she will be successful in first year college music theory. The achievement of this goal is approached by addressing fundamental aural, analytical, and compositional skills using both listening and written exercises. Also, the course will include more creative tasks, such as the harmonizing of a melody, composing a musical bass line to provide two-voice counterpart, the realization of figured-bass notation, and eventually progressing to voice leading. *Seven extra points will be calculated into the student's overall GPA each semester for this class.*

Course: Theater Arts I: Introduction to Theater and Theater Arts II-IV

Credit: 1.0 credit

Grade Placement: 9th - 12th

Course Description: is an introductory one-year course for students interested in acting and obtaining a basic theater background. This course includes the study of basic acting concepts and skills, expressive use of the body and voice, theater production concepts and skills and aesthetic growth through appreciation of theatrical events.

Course: Theater Arts II-IV

Credit: 1.0 credit

Grade Placement: 10th - 12th

Prerequisite: Theater Arts I.

Course Description: are one-year courses offered in sequence to Theater Arts I. The course content is a continuation of concepts and skills developed in Theater Arts I

Course: Theater Production I-III

Credit: 1.0 credit

Grade Placement: 10th - 12th

Prerequisite: Theatre Arts I (on the high school level)

Course Description: are one-year courses offered in sequence. Each year provides practical hands-on experience in acting and stagecraft through the preparation and performance of scenes, monologues and plays for classroom use. Students in these classes are invited to work as technical personnel for the performances of the shows publicly presented by **Theater Production IV.**

Course: Theater Production IV

Credit: 1.0 credit

Grade Placement: 9th - 12th

Course Description: This is an advanced and technical production class, responsible for rehearsing and preparing a season of shows, including a fall production, a children's show, the UIL One-Act Contest Play and the spring performance. **Theater Production IV entrance is by audition and instructor approval only.**

Course: Technical Theatre

Credit: 1.0 credit

Grade Placement: 10th – 12th

Prerequisite: Theatre Arts 1 or Production 1 (on the high school level)

Course Description: this class is designed for hands-on design and construction of sets, costumes, makeup, lights, and stage movement. Students will learn how to construct flats (the basic unit of set construction) as well as how to sew costumes, design and execute multiple makeup designs, design lighting plots and learn how to focus instruments to execute those designs. Students will read plays and design the technical aspects of that show.

Course: Dance I (Pre Drill)

Credit: 1.0 credit

Grade Placement: 9th - 10th

Course Description: is a one-year course designed to prepare a student for the competitive tryout required to gain membership into the Cherokee Charmers drill team. Tryouts will be in December of each school year. Students may be obligated to attend extra-curricular activities, such as football games, practices outside of the regular school day, and spring show. This class is limited to freshmen and sophomores. *An estimated fee of \$100 is required for dance clothes and uniforms. The fee will be due by the end of September.* If a student makes the Cherokee Charmers drill team, they will use the clothing purchased in pre-drill, as one of their uniforms.

Course: Dance II-IV (Cherokee Charmers)

Credit: 1.0 credit

Grade Placement: 10th - 12th

Prerequisites for these courses are Dance I, Survey of Dance, or another approved extra-curricular activity, and selection from competitive tryouts in December.

Course Description: are one-year courses taken in sequence to Dance I. The students are individuals selected at the conclusion of the competitive tryouts as members of the Cherokee Charmers.

Course: Survey of Dance

Credit: 1.0 credit

Grade Placement: 10th - 12th

Course Description: is a one-year course for students interested in dancing and obtaining basic dance background. Students will stretch on a daily basis and study various styles of dance, such as ballet and jazz. Students are required to bring proper clothing to dress out in daily. This class is **not** designed to prepare you for Cherokee Charmer drill team tryouts. No course fee is required; however, students may have to pay a rental fee for costumes used in spring show.

FOREIGN LANGUAGE COURSE DESCRIPTION

Two credits *in the same language* are required for graduation under the Recommended High School Program. Three credits *in the same language* are required for graduation under the Distinguished Achievement Program.

Course: Spanish I

Credit: 1.0 credit

Grade Placement: 9th - 12th

Course Description: concentrated study in the skills of reading, writing, speaking, listening and comprehension. An introduction of cultural understanding will be incorporated. Upon mastery of Spanish I skills, the student will receive credit and have a foundation for further study.

Course: Pre AP Spanish I

Credit: 1.0 credit

Grade Placement: 9th-11th

Course Description: faster paced study of Spanish I. This course covers the same content but in greater depth and scope. *Five extra points will be calculated into the student's overall GPA each semester for this class.*

Course: Spanish II

Credit: 1.0 credit

Grade Placement: 9th - 12th

Prerequisite: Spanish I.

Course Description: Upon mastery of Spanish I skills, the components of reading, writing, speaking, listening, comprehension and cultural understanding will be extended. Upon mastery of Spanish II skills, the student will receive credit and have a foundation for further study.

Course: Pre AP Spanish II

Credit: 1.0 credit

Grade Placement: 10th-12th

Prerequisite: Pre AP Spanish I

Course Description: Goes beyond the content and scope of Spanish II as described above. *Five extra points will be calculated into the student's overall GPA each semester for this class.*

Course: Spanish III

Credit: 1.0 credit

Grade Placement: 10th - 12th

Prerequisite: Spanish II

Course Description: Upon mastery of Spanish II skills a continuation of the skills developed in Spanish I and II with the incorporation of literature and a more in-depth study of the history of Spanish speaking countries (will be emphasized). Upon mastery of Spanish III skills, the student will receive credit and have a foundation for further study.

Course: Spanish IV

Credit: 1.0 credit

Grade Placement: 10th – 12th

Prerequisite: Spanish III

Course Description: This course is designed for students who have shown mastery of Spanish III, but who would like to develop a stronger proficiency in their communicative skills. Major emphasis will be in listening. This course is not recommended for native speakers of Spanish.

Course: AP Spanish Language

Credit: 1.0 credit

Grade Placement: 11th - 12th

Course Description: is designed for students showing advanced aptitude toward learning a second language, and who have an interest in developing a stronger proficiency in the communicative skills of listening, speaking, reading and writing Spanish. The history and diverse culture of Spanish-speaking countries will also be studied. Opportunity is given for college credit by taking the College Board AP exam. *Seven extra points will be calculated into the student's overall GPA each semester for this class.*

Course: AP Spanish Literature

Credit: 1.0 credit

Grade Placement: 11th - 12th

Course Description: The course is intended to be the equivalent of a third-year college Introduction to Spanish Literature course, covering selected works from the literatures of Spain and Spanish America. Because students read and analyze literature orally and in writing in Spanish for the purpose, the language proficiency reached by the end of the AP course is generally equivalent to that of college students who have completed a fifth or sixth semester of Spanish in composition, conversation and grammar as well. *Seven extra points will be calculated into the student's overall GPA each semester for this class.*

Course: Spanish for Speakers of Spanish I-II

Credit: 1.0 credit

Grade Placement: 9th - 12th

Course Description: designed for native speakers; emphasizes grammar, writing, and reading skills.

Course: French I

Credit: 1.0 credit

Grade Placement: 9th - 12th

Course Description: is a one-year course designed to give students the basic skills in the development of the French Language. It emphasizes basic vocabulary and grammar.

Course: French II

Credit: 1.0 credit

Grade Placement: 10th - 12th

Prerequisite: French I

Course Description: is a one-year course for the advanced French student. This course will continue the language skill development and include the study of French culture.

Course: French III-IV

Credit: 1.0 credit

Grade Placement: 11th - 12th

Prerequisites: French II and/or French III

Course Description: are one-year courses that are continuations of the skills developed in French I, II, and III.

PHYSICAL EDUCATION COURSE DESCRIPTIONS

One and one-half credits required for graduation under the Recommended High School Program.

Course: Dance I (Pre Drill)

Credit: 1.0 credit

Grade Placement: 9th - 10th

Course Description: is a one-year course designed to prepare a student for the competitive tryout required to gain membership into the Cherokee Charmers drill team. Tryouts will be in December of each school year. Students may be obligated to attend extra-curricular activities, such as football games, practices outside of the regular school day, and spring show. This class is limited to freshmen and sophomores. *An estimated fee of \$100 is required for dance clothes and uniforms. The fee will be due by the end of September.* If a student makes the Cherokee Charmers drill team, they will use the clothing purchased in pre-drill, as one of their uniforms.

Course: Dance II-IV (Cherokee Charmers)

Credit: 1.0 credit

Grade Placement: 10th - 12th

Prerequisites for these courses are Dance I, Survey of Dance, or another approved extra-curricular activity, and selection from competitive tryouts in December.

Course Description: are one-year courses taken in sequence to Dance I. The students are individuals selected at the conclusion of the competitive tryouts as members of the Cherokee Charmers.

Course: Survey of Dance

Credit: 1.0 credit

Grade Placement: 10th - 12th

Course Description: is a one-year course for students interested in dancing and obtaining basic dance background. Students will stretch on a daily basis and study various styles of dance, such as ballet and jazz. Students are required to bring proper clothing to dress out in daily. This class is **not** designed to prepare you for Cherokee Charmer drill team tryouts. No course fee is required; however, students may have to pay a rental fee for costumes used in spring show.

Course: Physical Education I-IV

Credit: 1.0 credit

Grade Placement: 9th - 12th

Course Description: are designed to develop students in sportsmanship and team and individual activities. Physical fitness training will be done daily with an emphasis on calisthenics and aerobic workouts including one to two miles of running. The variety of activities enables students to gain knowledge and skills for leisure and lifetime sports activities. Uniforms (shirt and shorts) are rented as a service to students for a nominal fee. The school washes uniforms after each day's activities.

Course: Physical Education Equivalent I-IV

Credit: 1.0 credit

Grade Placement: 9th - 12th

Course Description: are designed for those students in athletic events (football, basketball, volleyball, baseball, soccer, golf and tennis) and cheerleading.

Course: Physical Education Waiver

Credit: 0.5 credit

Grade Placement: 9th - 12th

Course Description: is a method of earning PE credit by the successful completion of the following: Students who elect to take band may earn one-half credit in PE by waiver for each year of band with successful completion of the fall semester of band. Three years of band enables students to meet the graduation requirements of one and one-half credits in PE without being enrolled in a PE course.

Course: Cheerleading

Credit: 1.0 credit

Grade Placement: 9th-12th

Course Description: is a method of earning PE credit. The students are selected through competitive tryouts. Students enrolled in this course are obligated to extra-curricular activities and practices outside of the regular school day.

HEALTH COURSE DESCRIPTION

One-half credit for graduation under the Recommended High School Program.

Course: Health Education

Credit: 0.5 (Fall & Spring)

Grade Placement: 9th - 12th

Course Description: is a one-semester course that is planned to educate adolescents to properly care for themselves as they prepare to enter adulthood. Topics included are alcohol and drugs, venereal diseases, chronic health conditions, family life, consumer health, preventable diseases and personal hygiene.

Course: Sports Medicine I

Credit: 1.0 credit

Grade Placement: 9th - 12th

Course Description: provides practical career oriented content for students interested in athletic training or sports medicine. This course will include anatomy, injury prevention, recognition, and rehabilitation. *Instructor approval is required.*

CAREER AND TECHNOLOGY EDUCATION

Career Clusters

Students may choose a Career Pathway from any of the following Achieve Texas Career Clusters:

- Business, Management and Administration
- Finance
- Information Technology
- Art, A/V Technology and Communication
- Marketing, Sales and Service
- Agricultural, Food and Natural Resources
- Architecture & Construction
- Manufacturing
- Transportation, Distribution and Logistics
- Education and Training
- Hospitality and Tourism
- Human Services
- Health Science

Each Career Cluster has available specific Career Pathways, a coherent sequence of courses, composed of 3 or more credits, which lead to a specific Career Objective. Each Career Pathway has a Teacher Advisor, who will assist the student in the class scheduling and career placement. Students should refer to the *Career Planning Guide* for detailed information about Career Pathways, Teacher Advisors, Courses, and Occupational Planning.

Career Education Preparation Program

With the rising need for skilled labor, Jacksonville High School (JHS) will offer to its students advanced training in Career & Technology Education through the development of the Career Education Preparation Program. Students at JHS will have the opportunity to enroll in work-based learning programs, which will prepare them for specific occupational skills in a given area of interest. Partnerships will be formed with local businesses, which will allow students to gain real knowledge of the business world. This program will be open to junior and senior students as a part of their participation in a specific career pathway. Fifteen hours of work-based learning per week is required of each student. Students who are involved in other extracurricular activities, college or work release programs should not pursue this option. Guidelines for entrance into the program are included in the student Career Education Preparation Program application available online at <http://www.jacksonvilleisd.org/CATEintro.htm>.

Articulated Courses

Advanced Technical Credit (ATC) courses are available through the Career and Technology Department at Jacksonville High School. These content-enhanced high school courses are substantially equal to the indicated introductory-level college courses.

Below are some of the criteria from the ATC Program Agreement:

- These classes will be accepted for college credit by all Junior and Community Colleges that participate in the ATC program AND offer the course. Four-year universities do not usually participate in the ATC program and will not accept the articulated credit towards a four-year university degree.
- There will be no initial charge for this class. ATC programs are offered free for students.
- Students must successfully complete the course with a grade of 80 (3.0) or better.
- If multiple courses and/or prerequisite courses are noted in the ATC program Crosswalk, a student must also successfully complete these course(s) with a grade of 80 (3.0) or better.
- Students should complete the course as a junior (grade 11) or senior (grade 12). Or, if the course is part of an ATC-designated course sequence, the final course in the sequence should be taken as a high school junior or senior.

- The student enrolls in a participating college within 15 months of high school graduation (a college may extend this time line).

More information is available at <https://www.atctexas.org/>

Industry Certification Programs

Numerous industry certification programs are available at Jacksonville High School. Qualification for the industry certification program requires a grade average of 80 or better and a good citizen status of less than 3 tardies and/or 3 unexcused absences during either semester. Exam fees are paid by the Career and Technology Department for qualified students.

Special Education Placement

Students receiving special education services when appropriate should be included into Career and Technology Education as a part of a chosen career pathway. As mandated by TEA, there are no longer any VEH or IVE programs available; therefore, in this course catalog, there are no special courses listed as such. However, when necessary, the ARD committee can place students in a self-contained environment due to the severity of a student's disability. Self-contained courses will follow a similar course description as those listed; however, student age, grade and re-enrollment status are all at the discretion of the ARD committee. Please contact the Jacksonville High School Special Education Supervisor for specific self-contained courses available.

Career Exploration and Preparation

Course: Career Connections

Credit: 0.5 credits

Grade Placement: 9th - 12th

Course Description: This course assists students in achieving proficiency in decision making and problem solving which are essential skills for career planning and lifelong learning. Students use self-knowledge, educational and career information to set and achieve realistic career and educational goals.

Course: Diversified Career Preparation I

Credit: 2.0 credits

Grade Placement: 11th - 12th

Prerequisite: Two semesters of technical training prior to this plan of study. Students must be 16 years or older.

Course Description: This work-based instructional arrangement develops essential knowledge and skills through classroom technical instruction and on-the-job training. Students will receive general life long learning skills, employability skills leadership, management skills, free enterprise system, work ethics safety, mathematics, financial transactions, and communications. The student will be required to meet the entrance criteria listed for the Career Education Preparation Program. A minimum of fifteen hours of work-based learning per week is required. This course is included within all Achieve Texas Career Clusters.

Course: Diversified Career Preparation II

Credit: 2.0 credits

Grade Placement: 12th

Prerequisite: Two semesters of technical training prior to this plan of study. Students must be 16 years or older.

Course Description: This work-based instructional arrangement develops essential knowledge and skills through classroom technical instruction and on-the-job training. Students will receive general life long learning skills, employability skills leadership, management skills, free enterprise system, work ethics safety, mathematics, financial transactions, and communications. The student will be required to meet the entrance criteria listed for the Career Education Preparation Program. A minimum of fifteen hours of work-based learning per week is required. This course is included within all Achieve Texas Career Clusters.

Course: Functional and Developmental Training I-IV

Credit: 1.0 - 4.0 credit

Grade Placement: 9th - 12th

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

Course Description: This course is an activity-oriented course designed to prepare the student for integration into the community.

Course: Introduction to Independent Living I-IV

Credit: 1.0 - 4.0 credit

Grade Placement: 9th - 12th

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

Course Description: This is an activity-oriented course designed to prepare the student for independent living.

Course: Pre-Career Education Training I-II

Credit: 1.0 credit

Grade Placement: 9th - 12th

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

Course Description: This course provides study of occupational information, job acquisition and responsibility and community employment experiences.

Course: Career Education Training A

Credit: 1.0 to 4.0 credits; 1-4 periods

Grade Placement: 9th - 12th

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

A student must have been enrolled in high school for two (2) years unless the ARD/IEP Committee determines otherwise; be at least 16 years old; and have a Social Security card prior to being eligible to participate in this Work-Study Program. A student must be eligible for Special Education support by meeting the specific eligibility criteria for determining a handicapped condition.

Course Description: This course is designed to provide part-time work experience through on-the-job training with paid employment (15 hours per week minimum); and part-time on-campus for a minimum of three (3) academic classes to fulfill the required semester units of credit. (The ARD/IEP Committee may adjust scheduling.)

Course: Career Education Training B

Credit: 1.0 to 4.0 credits; 1-4 periods

Grade Placement: 9th - 12th

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

A student must have been enrolled in high school for two (2) years unless the ARD/IEP Committee determines otherwise; be at least 16 years old; and have a Social Security card prior to being eligible to participate in this Work-Study Program. A student must be eligible for Special Education support by meeting the specific eligibility criteria for determining a handicapped condition.

Course Description: This course is designed to provide full-time work experience through on-the-job training with paid employment (30 hours per week minimum).

Business, Management and Administration

Course: Business Law

Credit: 0.5 credits

Grade Placement: 11th - 12th

Prerequisites: Business Computer Information Systems I

Course Description: Introduces law and the origins and necessity of the legal system; provides insight into the evolution and development of laws that govern business in our society; develops an understanding of how organization and operation of the legal system impact business; develops an understanding of rights and duties within the business environment; and includes contractual responsibility, protection of individual rights in legal relationships relative to warranties, product liability, secured and unsecured debts, negotiable instruments, agencies, employer-employee relations, property ownership and transfer, landlord and tenant, wills and estates, community property, social security, and taxation. This course is included within the following Career Clusters: Business, Management and Administration / Finance.

Course: Business Management

Credit: 0.5 credit (Fall)

Grade Placement: 10th - 12th

Prerequisite: None; however, for articulated credit student must take Business Ownership.

Course Description: Introduces basic management concepts and leadership styles; explores managerial functions, economic and social components of productivity, international business, and human relations; understands the changing nature of the business environment; concepts of business integrity; and develops and implements a business plan. This course is an ATC Articulated Course. Students who complete the year-long program according to ATC Program criteria may gain credit for Principles of Management *BMGT 1303* or Supervision *BMGT 1301* at all participating community and junior colleges. This course is included within the following Career Clusters: Business, Management and Administration / Finance / Human Services / Transportation, Distribution, and Logistics / Health Science.

Course: Business Ownership

Credit: 0.5 credit (Spring)

Grade Placement: 10th-12th

Prerequisite: None; however, for articulated credit student must take Business Management.

Course Description: Provides the prospective entrepreneur a theoretical base as well as practical and proven techniques for planning, organizing, and operating a business; includes planning and strategy concepts, financial and organizational considerations, market analysis and customer development, operations management, accounting and financial controls, and other components of entrepreneurship. This course is an ATC Articulated Course. Students who complete the year-long program according to ATC Program criteria may gain credit for Principles of Management *BMGT 1303* or Supervision *BMGT 1301* at all participating community and junior colleges. This course is included within the following Career Clusters: Business, Management and Administration / Finance / Human Services / Transportation, Distribution, and Logistics / Health Science.

Course: Business Education Career Preparation I

Credit: 2.0 credits

Grade Placement: 11th- 12th

Course Description: This program develops essential knowledge and skills through a combination of school-based technical instruction and work-based training in approved business occupationally specific training areas. The student will be required to meet the entrance criteria listed for the Career Education Preparation Program. A minimum of fifteen hours of work-based learning per week is required. This course is included within the following Career Clusters: Business, Management and Administration / Finance / Information Technology.

Course: Business Education Career Preparation II

Credit: 3.0 credits

Grade Placement: 12th

Course Description: This program develops essential knowledge and skills through a combination of school-based technical instruction and work-based training in approved business occupationally specific training areas. The student will be required to meet the entrance criteria listed for the Career Education Preparation Program. A minimum of fifteen hours of work-based learning per week is required. This course is included within the following Career Clusters: Business, Management and Administration / Finance / Information Technology.

Course: Business Education Independent Study

Credit: 1.0 credit

Grade Placement: 12th

Prerequisites: Completion of at least three courses in a Business Management and Administration, Finance or Information Technology coherent sequence.

Course Description: A project-based learning experience developed by a student or group of students, teacher, and an interdisciplinary mentor team. The project provides opportunities for an in-depth study of at least one aspect of the business area. The student or group demonstrates the ability to utilize a variety of resources, advanced technology, and communication skills in the development and presentation of the project. This course is included within the following Career Clusters: Business, Management and Administration / Finance / Information Technology

Finance

Course: Accounting I

Credit: 1.0 credit

Grade Placement: 10th – 12th

Prerequisite: Business Computer Information Systems I

Course Description: Students will be introduced to general accounting procedures, concepts, and principles through the use of practice sets and simulations. They will be given the opportunity to develop skills and knowledge necessary to conduct personal business or to further an education in the field of accounting. This course is an ATC Articulated Course. Students who complete the year-long program according to ATC Program criteria may gain credit for Introduction to Accounting I *ACNT 1303* or *ACNT 1403* and Introduction to Accounting II *ACNT 1304* or *ACNT 1404* at all participating community and junior colleges. This course is included within the following Career Clusters: Business, Management and Administration / Finance / Agriculture, Food and Natural Resources / Human Services / Transportation, Distribution and Logistics / Health Science. *Counts as one measure towards the Distinguished Achievement Program.*

Course: Banking and Financial Systems

Credit: 0.5 credit (Fall)

Grade Placement: 11th – 12th

Course Description: Introduces banking and financial concepts, principles and procedures; emphasizes the role of money in the modern economy; recognizes the economic theories and financial forces that influence international business; and compares financial transactions with government transactions. This course is included within the following Career Clusters: Business, Management and Administration / Human Services / Finance / Transportation, Distribution, and Logistics.

Information Technology

Course: Business Computer Information Systems I

Credit: 1.0 credit

Grade Placement: 9th – 12th

Course Description: A course for students who wish to improve their personal and interpersonal skills to strengthen individual performance in the workplace and/or post-secondary education. Students will learn to apply technical skills to address business applications of emerging technologies. Example: word processing, database, spreadsheet, desktop publishing, telecommunications and operating systems using Microsoft Office and Windows XP. Potential industry certification programs include: OSHA CareerSafe. This course is included as part of the following Career Clusters: Business, Management and Administration, / Finance / Information Technology. **This course will satisfy the Technology/Application graduation requirement.*

Course: Business Computer Information Systems II

Credit: 1.0 credit

Grade Placement: 10th-12th

Prerequisite: Business Computer Information Systems I

Course Description: An advanced course for students who wish to improve the skills they acquired in Business Computer Information Systems I. This course is an ATC Articulated Course. Students who complete the year-long program according to ATC Program criteria may gain credit for Computer Applications II *POFI 1341* or *POFI 1441* or Integrated Software Applications I *ITSC 1309* OR *ITSC 1409* at all participating community and junior colleges. Potential industry certification programs include: OSHA CareerSafe and IC3. This course is included within the following Career Clusters: Business, Management and Administration / Finance / Information Technology / Health Science. *Counts as one measure towards the Distinguished Achievement Program.*

Course: Business Image Management and Multimedia

Credit: 1.0 credit

Grade Placement: 10th – 12th

Prerequisite: Business Computer Information Systems I or instructor approval

Course Description: Develops proficiencies in designing, importing, and manipulating advanced text, graphics, audio, and video used in presentation management, multimedia productions, publishing systems, and emerging technologies using Adobe Creative Suite 3. This course is an ATC Articulated Course.

Students who complete the year-long program according to ATC Program criteria may gain credit for Introduction to Computer Graphics *ARTC 1325* OR *ARTC 1425* at all participating community and junior colleges. Potential industry certification programs include: Adobe Certified Associate, OSHA CareerSafe and IC3. This course is included within the following Career Clusters: Business, Management and Administration / Finance / Information Technology / Arts, Audiovisual Technology and Communications / Marketing. **This course will satisfy the Technology/Application graduation requirement.*

Course: Introduction to Computer Maintenance

Credit: 1.0 credit

Grade Placement: 10th-12th

Prerequisite: Business Computer Information Systems I with a grade of 80 or better.

Course Description: An advanced course for students who wish to acquire skills that provide an in-depth explanation of the procedures to utilize hardware and software. Emphasis is placed on operating systems, terminology, acronyms, and hands-on activities. Topics include installation and configuration, file management, memory and storage management, peripheral device control, and use of utilities. This course is an ATC Articulated Course. Students who complete the year-long program according to ATC Program criteria may gain credit for Introduction to PC Operating Systems *ITSC 1305* or *ITSC 1405* or Introduction to Computer Technology *CPMT 1302* or *CPMT 1403* at all participating community and junior colleges. Potential industry certification programs include: OSHA CareerSafe. This course is included within the following Career Clusters: Business, Management and Administration / Finance / Information Technology.

Art, Audiovisual Technology and Communications

Course: Digital Graphics and Animation

Credit: 1.0 credit

Grade Placement: 10th - 12th

Prerequisite: Art I, Business Computer Information Systems I or instructor approval

Course Description: This is an introductory course in design, typography, and imaging techniques. The course includes topics such as digital composition, color, imaging, editing, and animation. An integral component in other areas, understanding design elements is essential in the creation of a successful product in this course. The student will use the computer's set of tools, common to bitmapped and object-oriented software programs, to produce and edit digital designs as well as to incorporate design principles when capturing digital images with the scanner and camera. 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. Students enrolled in this course will be computer literate and have experience with the basic electronic productivity and telecommunication tools. This course is included within the following Career Clusters: Arts, A/V and Communications / Information Technology.

Course: Desktop Publishing

Credit: 1.0 credit

Grade Placement: 10th - 12th

Prerequisite: Business Computer Information Systems or instructor approval

Course Description: This course combines the skill of electronic design, editing, and production of a product using a variety of hardware and software tools. This project-based course focuses on real-world audiences as customers. Students will learn to use a collection of software tools and design techniques to

create a variety of formatted products. Students enrolled in this course will be computer literate and have experience with the basic electronic productivity tools. This course is included within the following Career Clusters: Arts, A/V and Communications / Information Technology.

Course: Introduction to Media Technology

Credit: 1.0 credit

Grade Placement: 9th – 12th

Prerequisite: None

Course Description: This course is a laboratory-oriented course that provides students with an understanding of the various careers in the media and communications fields. Students are introduced to radio and television production, photography, advertising and computer generated graphics. This course is included within the following Career Clusters: Arts, A/V and Communications.

Course: Media Technology I

Media Technology II

Credit: 2.0-3.0 credits

Grade Placement: 11th-12th

Prerequisite: Introduction to Media Technology

Course Description: Instruction is designed to provide job-specific training for entry-level employment in movie, video, and television production careers. First-year instruction includes operation of different types of cameras, mastery of audio techniques, electronic editing, creation of media graphics, lighting, script writing, direction, production, special effects, signal control and monitoring equipment, and set design. Second-year instruction is designed to enhance skill development in movie, video, and television production careers. This course is included within the following Career Clusters: Arts, A/V and Communications.

Marketing, Sales and Service

Course: Marketing Yourself

Credit: 0.5 credit (Fall)

Grade Placement: 9th – 12th

Course Description: An introductory course designed as a portfolio-based personal development course for all students. Students will develop a systematic approach for evaluating and seeking career opportunities by discovering how personal qualities relate to successful performance.

Course: Principles of Marketing

Credit: 0.5 credit (Spring)

Grade Placement: 9th – 12th

Course Description: An exploratory course designed to focus on each of the functions of marketing, their relationships, and the marketing process for goods, services, and ideas. Students will apply these principles and concepts in marketing and non-marketing careers. This course is included within the following Career Clusters: Marketing, Sales and Service / Business Management and Administration.

Course: Marketing Education Career Preparation I

Credit: 2.0 credits

Grade Placement: 11th – 12th

Course Description: This program develops essential knowledge and skills through a combination of school-based technical instruction and work-based training in approved Marketing and/or Management occupationally specific training areas. The student will be required to meet the entrance criteria listed for the Career Education Preparation Program. A minimum of fifteen hours of work-based learning per week is required. This course is included within the following Career Clusters: Marketing, Sales and Service

Course: Marketing Education Career Preparation II

Credit: 3.0 credits

Grade Placement: 12th

Course Description: This program develops essential knowledge and skills through a combination of school-based technical instruction and work-based training in approved Marketing and/or Management occupationally specific training areas. The student will be required to meet the entrance criteria listed for the Career Education Preparation Program. A minimum of fifteen hours of work-based learning per week is required. This course is included within the following Career Clusters: Marketing, Sales and Service

Course: Marketing Dynamics

Credit: 1.0 credit

Grade Placement: 11th-12th

Course Description: An occupationally specific course designed to focus on the study of marketing concepts and principles and their practical applications. Students will gain a working knowledge of the marketing concept and its application. The number of credits earned will depend on whether the classroom instruction includes a work-based component.

Course: Technology In Marketing

Credit: 1.0 credit

Grade Placement: 10th-12th

Prerequisite: BCIS or Desktop Publishing

Course Description: A course designed to prepare students to use computers and other technology in research, decision-making, production, and presentation applications for marketing. Students will apply current technology to marketing functions while participating in marketing-related projects. This course is included within the following Career Clusters: Marketing, Sales and Service / Business Management and Administration.

Agricultural, Food and Natural Resources

Course: Introduction to World Agricultural Science and Technology

Credit: 0.5 credit (Fall)

Grade Placement: 9th – 12th

Course Description: Students will learn about the importance of agriculture, agricultural careers and leadership skills. No project is required. This course is included within the following Career Clusters: Agricultural, Food and Natural Resources / Architecture and Construction / Manufacturing / Transportation, Distribution and Logistics.

Course: Applied Agricultural Science and Technology

Credit: 0.5 credit (Spring)

Grade Placement: 9th – 12th

Course Description: A course offered in the spring following World Agriculture. This course includes beginning animal, plant and soil science. The basic use of hand tools is also covered, and a shop project is required. This course is included within the following Career Clusters: Agricultural, Food and Natural Resources / Architecture and Construction / Manufacturing / Transportation, Distribution and Logistics.

Course: Agricultural Communications

Credit: 0.5 credit (Fall)

Grade Placement: 10th – 12th

Course Description: A course designed to develop appropriate spoken, written, and visual communications techniques and procedures. This course is included within the following Career Clusters: Agricultural, Food and Natural Resources.

Course: Agribusiness Management and Marketing

Credit: 0.5 credit (Spring)

Grade Placement: 10th – 12th

Prerequisite: BCIS I or instructor approval

Course Description: A course designed as an introduction to agribusiness management in the free enterprise system. Instruction includes a study of economic principles, budgeting, record keeping, finance, risk management, business law, marketing, and careers in agribusiness. This course is included within the following Career Clusters: Agricultural, Food and Natural Resources.

Course: Animal Science

Credit: 0.5 credit (Fall)

Grade Placement: 10th – 12th

Course Description: If you are interested in animals, this is the class for you. Animal reproduction, nutrition, health care, management and body structure are covered. This course is included within the following Career Clusters: Agricultural, Food and Natural Resources.

Course: Equine Science

Credit: 0.5 credit (Spring)

Grade Placement: 10th – 12th

Course Description: This is the class for horse lovers. Topics include care, breeding, judging and working with horses. This course is included within the following Career Clusters: Agricultural, Food and Natural Resources.

Course: Wildlife and Recreation Management

Credit: 0.5 credit (Fall)

Grade Placement: 10th – 12th

Course Description: A course designed to examine the importance of wildlife and outdoor recreation with emphasis on using wildlife and natural resources. Students will have the opportunity to receive Hunter's Safety Certification. This course is included within the following Career Clusters: Agricultural, Food and Natural Resources.

Course: Range Management and Ecology

Credit: 0.5 credit (Spring)

Grade Placement: 10th – 12th

Course Description: This course familiarizes students with the management and ecological aspects of rangelands. Students study and develop technical skills in renewable natural resources, livestock management, wildlife management and research. This course is included within the following Career Clusters: Agricultural, Food and Natural Resources.

Course: Introduction to Horticultural Science

Credit: 0.5 credit (Fall)

Grade Placement: 10th – 12th

Course Description: Students in this class will learn about growing plants in a greenhouse and how to identify, care-for and market plants. This course is included within the following Career Clusters: Agricultural, Food and Natural Resources.

Course: Plant and Soil Science

Credit: 0.5 credit (Spring)

Grade Placement: 10th – 12th

Course Description: Students will study the growth and development of plants and properties of the soil. Students will grow projects in the experimental lab. This course is included within the following Career Clusters: Agricultural, Food and Natural Resources.

Course: Horticulture Plant Production

Credit: 0.5 credit (Fall)

Grade Placement: 10th – 12th

Course Description: A course designed to develop skills in the production of greenhouse/nursery plants and the maintenance of plant growth and propagation structures. Students will grow plants in the greenhouse as a class project. This course is included within the following Career Clusters: Agricultural, Food and Natural Resources.

Course: Landscape Design, Construction, and Maintenance

Credit: 0.5 credit (Spring)

Grade Placement: 10th – 12th

Course Description: A course designed to develop skills in the design, construction, and maintenance of planted areas for the beautification of homes, businesses, golf courses or other public areas. This course is included within the following Career Clusters: Agricultural, Food and Natural Resources.

Course: Introduction to Agricultural Mechanics

Credit: 0.5 credit (Fall)

Grade Placement: 10th – 12th

Course Description: A course designed to introduce basic theory and specialized skills in agricultural mechanics. Skills to be developed include tool identification and safe use, carpentry, electricity, plumbing, masonry, fencing, painting, metalworking, and welding processes. Potential industry certification programs include: OSHA CareerSafe. This course is included within the following Career Clusters: Agricultural, Food and Natural Resources / Manufacturing / Transportation, Distribution and Logistics.

Course: Agricultural Metal Fabrication Technology

Credit: 0.5 credit (Spring)

Grade Placement: 10th – 12th

Course Description: A course designed to develop skills in metal equipment assembly and joining processes. Students will construct metal projects in the lab. This course is included within the following Career Clusters: Agricultural, Food and Natural Resources / Manufacturing / Transportation, Distribution and Logistics.

Course: Agricultural Mechanics I

Credit: 1.0 credit

Grade Placement: 10th – 12th

Course Description: A mechanical shop course in which students work with wood and metal materials. Students will learn hands-on activities in the laboratory. Students will have the opportunity to build individual or group projects in the lab. Potential industry certification programs include: NCCER Core, OSHA CareerSafe. This course is included within the following Career Clusters: Agricultural, Food and Natural Resources / Manufacturing / Transportation, Distribution and Logistics.

Course: Advanced Animal Science

Credit: 0.5 credit (Fall)

Grade Placement: 11th – 12th

Course Description: This course provides an academically stimulating environment for students to advance their understanding of animal science. Students examine the interrelated human, scientific, and technological dimensions of livestock production. Potential industry certification programs include: OSHA CareerSafe. This course is included within the following Career Clusters: Agricultural, Food and Natural Resources.

Course: Personal Skill Development in Agriculture

Credit: 0.5 credit (Spring)

Grade Placement: 9th – 12th

Course Description: An advanced course designed to train students in leadership, citizenship, and cooperation. Instruction includes such topics as personal development, employee/employer relations, and group and interpersonal communication skills. Potential industry certification programs include: OSHA CareerSafe. This course is included within the following Career Clusters: Agricultural, Food and Natural Resources / Manufacturing .

Course: Agricultural Mechanics II

Credit: 2.0 credits

Grade Placement: 11th - 12th

Prerequisite: Agricultural Mechanics I

Course Description: A mechanical shop course in which students work with wood and metal materials. Students will learn hands-on activities in the laboratory. Students will have the opportunity to build individual or group projects to show at the Houston Livestock Show and Rodeo, Ag Mechanics Contest, and the Cherokee County Show. This course is an ATC Articulated Course. Students who complete the year-long program according to ATC Program criteria may gain credit for . Introduction to Welding Using Multiple Processes WLDG 1307 or WLDG 1407 OR Introduction to Welding Fundamentals WLDG 1221 and WLDG 1222at all participating community and junior colleges. Potential industry certification programs include: NCCER Core, NCCER Welding, OSHA CareerSafe. This course is included within the following Career Clusters: Agricultural, Food and Natural Resources / Manufacturing.

Course: Agricultural Career Preparation I

Credit: 2.0 credits

Grade Placement: 11th – 12th

Course Description: This program develops essential knowledge and skills through a combination of school-based technical instruction and work-based training in approved Agricultural Business and Technology occupationally specific training areas. The student will be required to meet the entrance criteria listed for the Career Education Preparation Program. A minimum of fifteen hours of work-based learning per week is required. This course is included within the following Career Clusters: Agricultural, Food and Natural Resources.

Course: Agricultural Career Preparation II

Credit: 3.0 credits

Grade Placement: 12th

Course Description: This program develops essential knowledge and skills through a combination of school-based technical instruction and work-based training in approved Agricultural Business and Technology occupationally specific training areas. The student will be required to meet the entrance criteria listed for the Career Education Preparation Program. A minimum of fifteen hours of work-based learning per week is required. This course is included within the following Career Clusters: Agricultural, Food and Natural Resources.

Architecture and Construction

Course: Introduction to Construction Careers

Credit: 1.0 credit

Grade Placement: 9th – 12th

Course Description: A cluster course designed to provide a basic understanding of career opportunities, training requirements, and minimal skills in seven construction-related careers heating, ventilation, air conditioning, and refrigeration (HVACR), bricklaying/stone masonry, carpentry, electrical trades, painting and decorating, plumbing/pipefitting, and industrial/heavy construction. Potential industry certification programs include: NCCER Core, OSHA CareerSafe. This course is included within the following Career Clusters: Architecture and Construction / Manufacturing.

Course: Building Trades I

Building Trades II

Credit: 2.0 credits

Grade Placement: 10th-12th

Prerequisite: Introduction to Construction Careers

Course Description: First-year instruction is designed to provide job-specific training for entry-level employment in construction-related careers: carpenter, bricklayer/stone mason, electrician, plumber, painter and decorator. Second-year instruction is designed to enhance entry-level training and employment in one of the five construction-related areas. Potential industry certification programs include: NCCER Carpentry, NCCER Core, OSHA CareerSafe. This course is included within the following Career Clusters: Architecture and Construction / Manufacturing.

Course: Architectural Blueprints and Specifications

Credit: 0.5 credit (Fall)

Grade Placement: 11th – 12th

Prerequisite: Introduction to Construction Careers

Course Description: A technical laboratory course directed toward concepts and skills related to the construction, engineering, manufacturing, and architecture fields. This course teaches students how to read and understand a set of residential blueprints (plans and specifications). Students will learn how to identify blueprint symbols, as well as to locate, identify, and interpret heating, ventilation, air-conditioning and refrigeration drawings, carpentry, electrical, masonry, and plumbing portions of a set of drawings. This course can be a part of a Tech-Prep coherent sequence in Construction Technology with appropriate approval. Potential industry certification programs include: NCCER Core, OSHA CareerSafe. This course is included within the following Career Clusters: Architecture and Construction / Manufacturing

Course: Architectural Materials

Credit: 0.5 credit (Spring)

Grade Placement: 11th – 12th

Prerequisite: Introduction to Construction Careers

Course Description: A technical laboratory course focusing on the various materials used in the construction industry. Materials identification, applications, and installation techniques will be stressed. This course can be a part of a Tech-Prep coherent sequence in Construction Technology with appropriate approval. Potential industry certification programs include: OSHA CareerSafe. This course is included within the following Career Clusters: Architecture and Construction / Manufacturing

Course: Construction Systems

Credit: 0.5 credit (Spring)

Grade Placement: 9th – 12th

Prerequisite: Technology Systems

Course Description: An exploratory course that addresses the utilization of construction for residential and civil structures. Students study and use common construction tools, machines, materials, and processes. Experience in planning and controlling construction systems and projects allow students to explore the organizational structures and management strategies in construction. Potential industry certification programs include: OSHA CareerSafe. This course is included within the following Career Clusters: Architecture and Construction / Manufacturing

Manufacturing

Course: Technology Systems

Credit: 1.0 credit

Grade Placement: 9th – 12th

Prerequisite: Business Computer Information Systems I or instructor approval

Course Description: Computer training in all areas of technology will be covered. This course will be taught in a high tech modular laboratory in which students will self-direct their own learning. Advanced applications in robotics, research and development, CAD, biotechnology and mechanical systems will be offered. This course is designed at an advanced level and should be taken by any student who is seriously considering technology as a career choice. Potential industry certification programs include: OSHA CareerSafe. This course is included within the following Career Clusters: Architecture and Construction / Manufacturing **This course will satisfy the Technology/Application graduation requirement.*

Course: Technical Introduction to Computer-Aided Drafting

Credit: 1.0 credit

Grade Placement: 11th – 12th

Prerequisite: Business Computer Information Systems I or instructor approval

Course Description: This is a laboratory course designed for students interested designing and drawing plans for homes or other structures. Instruction includes computer hardware, CAD software, and technical drawings and problems generated and solved by using CAD. This course is included within the following Career Clusters: Architecture and Construction / Manufacturing

Course: Manufacturing Systems

Credit: 0.5 credit (Fall)

Grade Placement: 9th – 12th

Prerequisite: Technology Systems

Course Description: An exploratory course which addresses the knowledge and skills important in manufacturing technology. Students study common manufacturing tools, machines, materials, and processes in the laboratory. Experiences in planning and controlling simulated manufacturing systems and projects allow students to explore the organizational structures and management strategies in manufacturing. Potential industry certification programs include: OSHA CareerSafe. This course is included within the following Career Clusters: Architecture and Construction / Manufacturing

Course: Trade and Industrial Education Career Preparation I

Credit: 2.0 credits

Grade Placement: 11th - 12th

Course Description: This program develops essential knowledge and skills through a combination of school-based technical instruction and work-based training in approved Trade and Industrial Education occupationally specific training areas. The student will be required to meet the entrance criteria listed for the Career Education Preparation Program. A minimum of fifteen hours of work-based learning per week is required. Potential industry certification programs include: OSHA CareerSafe. This course is included within the following Career Clusters: Architecture and Construction / Manufacturing

Course: Trade and Industrial Education Career Preparation II

Credit: 3.0 credits

Grade Placement: 12th

Course Description: This program develops essential knowledge and skills through a combination of school-based technical instruction and work-based training in approved Trade and Industrial Education occupationally specific training areas. The student will be required to meet the entrance criteria listed for the Career Education Preparation Program. A minimum of fifteen hours of work-based learning per week is required. Potential industry certification programs include: OSHA CareerSafe. This course is included within the following Career Clusters: Architecture and Construction / Manufacturing

Transportation, Distribution and Logistics

Course: Introduction to Transportation Services Careers (ITSC)

Credit: 0.5 credits

Grade Placement: 9th

Course Description: A cluster course designed to provide a broad basic understanding of career opportunities and training requirements and introduce skills in six transportation-related service careers: aircraft mechanics, auto body and collision repair, automotive technology, diesel engine mechanics, small engine repair, and mechanics. Potential industry certification programs include: OSHA CareerSafe. This course is included within the following Career Clusters: Transportation, Distribution and Logistics / Health Science.

Course: Automotive Technician I

Credit: 1.0 credit

Grade Placement: 11th – 12th

Course Description: This is the first course in a pre-employment laboratory instructional sequence designed to provide job training for entry-level employment in the automotive engine repair and service career field. Instruction emphasizes the use of repair manuals, service and/or repair of basic automotive components: fuel systems, engine, emission controls, power trains, chassis, electrical, brakes, heating, and air-conditioning. Instruction includes safety and career opportunities. Potential industry certification programs include: OSHA CareerSafe. This course is included within the following Career Clusters: Transportation, Distribution and Logistics.

Course: Automotive Technician II

Credit: 2.0 credits

Grade Placement: 11th – 12th

Prerequisite: Automotive Technician I

Course Description: This is the second course in a pre-employment laboratory instructional sequence designed to provide job training for entry-level employment in the automotive engine repair and service career field. Instruction includes advanced training in the use of repair manuals, service and/or repair of basic automotive components: fuel systems, engine, emission controls, power trains, chassis, electrical, brakes, heating and air-conditioning. Instruction includes safety and career opportunities. This course is an ATC Articulated Course. Students who complete the year-long program according to ATC Program criteria may gain credit for Introduction and Theory of Automotive Technology AUMT 1201 or AUMT 1301 **AND** Introduction to Automotive Technology AUMT 1305 or AUMT 1405 at all participating community and junior colleges. Potential industry certification programs include: OSHA CareerSafe. This course is included within the following Career Clusters: Transportation, Distribution and Logistics.

Education and Training

Course: Ready, Set, Teach I

Credit: 1.0 credit

Grade Placement: 11th – 12th

Prerequisite: Preparation for Parenting; Child Development

Course Description: Ready, Set, Teach! is a field-based internship which provides students a background knowledge of child and adolescent development principles as well as principles of effective teaching practices. Students in Ready, Set, Teach!, which can be taken for one or two years, work under the joint direction and supervision of both a family and consumer sciences teacher and exemplary educators in direct instructional roles with elementary, middle, and/or high school-aged students. Students from the class plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, make physical arrangements, and complete other responsibilities of classroom teachers. The students are involved in observations as well as direct student instruction; placement rotations are utilized to allow students to have experiences in a full range of education career roles, grade levels, subject areas, and ability groups. During the course of each week, students enrolled in Ready, Set, Teach! are involved in instruction from the family and consumer sciences teacher as well as involved in supervised field-based observations and applications of principles/practices studied in the class. Students must be 16 years or older. This course is an ATC Articulated Course. Students who complete the year-long program according to ATC Program criteria may gain credit for Curriculum Resources for Early Childhood Programs CDEC 1313 or CDEC 1413 OR Child Development Associate Training III CDEC 2324 at all participating community and junior colleges. Potential industry certification programs include: Educational Aide I Certificate, OSHA CareerSafe. This course is included within the following Career Clusters: Education and Training.

Course: Child Development

Credit: 0.5 credit (Fall)

Grade Placement: 10th – 12th

Course Description: This technical 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. Other topics include characteristics of quality childcare, career options related to the care and education of children, and the management of multiple community and family roles. This course is an ATC Articulated Course. Students who complete the year-long program according to ATC Program criteria may gain credit Child Guidance CDEC 1319 or CDEC 1419 OR Child Development Associate Training II CDEC 2322. (Must also complete Preparation for Parenting) at all participating community and junior colleges. Potential industry certification programs include: OSHA CareerSafe. This course is included within the following Career Clusters: Education and Training / Human Services.

Human Services

Course: Personal and Family Development

Credit: 1.0 credit

Grade Placement: 9th – 12th

Course Description: 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 career roles are included. This course is included within the following Career Clusters: Education and Training / Architecture and Construction / Human Services / Hospitality and Tourism.

Course: Preparation for Parenting**Credit: 0.5 credit (Spring)****Grade Placement: 10th – 12th**

Course Description: This technical laboratory course is designed to provide individuals opportunities to develop knowledge and skills in preparation to function effectively in the role of parent or caregiver. Content stresses parental responsibilities; child guidance techniques; parents as positive role models; parents as their children's first teacher; and parenting practices that promote a child's development, health, safety, and well being. Managing family crises, managing multiple roles of family members throughout the life cycle, and career preparation are additional topics. This course is an ATC Articulated Course. Students who complete the year-long program according to ATC Program criteria may gain credit Child Guidance CDEC 1319 or CDEC 1419 OR Child Development Associate Training II CDEC 2322. (Must also complete Child Development) at all participating community and junior colleges. Potential industry certification programs include: OSHA CareerSafe. This course is included within the following Career Clusters: Education and Training / Human Services.

Course: Pre-employment Laboratory I**Credit: 2.0-3.0 credits****Grade Placement: 11th-12th****Prerequisites: Nutrition and Food Science, as well as Child Development**

Course Description: This course provides occupationally specific training designed to develop knowledge and skills for employment in the area of child care and guidance. Content includes business management procedures, safety, sanitation, influences on child growth and development, interactions impacting children's behavior, and techniques for providing care and guidance for children. Also addressed are legal considerations; careers related to the care and education of children; technology applications; and managing multiple family, community, and career roles. This course is included within the following Career Clusters: Human Services.

Course: Housing**Credit: 0.5 credit (Fall)****Grade Placement: 10th – 12th**

Course Description: This technical laboratory course focuses on the management of family housing needs, housing and the environment, and career preparation. Content includes types of housing, legal and financial aspects of housing, home safety and maintenance, space utilization, factors affecting housing choices, technology applications, and basic housing construction features. Other topics are interior and exterior environmental issues; impact of housing decisions on managing multiple family, community, and career roles; career options; and housing trends for the future. This course is included within the following Career Clusters: Human Services / Architecture and Construction.

Course: Interior Design**Credit: 0.5 credit (Spring)****Grade Placement: 10th – 12th**

Course Description: This technical laboratory course focuses on the design of residential and nonresidential interior environments to achieve occupant well being and productivity. Content addresses design practices and influences, lighting, materials, furnishings, legal considerations, and the impact of technology on interiors. Budgeting, consumer decision-making, safety, the care and maintenance of interiors, career preparation, and the management of multiple adult roles are emphasized. This course is included within the following Career Clusters: Human Services / Architecture and Construction.

Course: Food Production, Management, and Services

Credit: 1.0 credit

Grade Placement: 10th– 11th

Prerequisite: Personal and Family Development or Instructor approval

Course Description: This course will enable students to learn commercial food service skills through practical experience. The students prepare and sell food to the public. This class prepares students for employment in commercial food service occupations. Potential industry certification programs include: ServSafe Certification, OSHA CareerSafe. This course is included within the following Career Clusters: Human Services.

Course: Hospitality I

Credit: 2.0 credits

Grade Placement: 11th-12th

Prerequisite: Instructor approval, Food Production

Course Description: This course provides occupationally specific training designed to develop knowledge and skills for employment in the multifaceted hospitality services industry. Emphasized are career options in the industry; managing multiple family, community, and career roles; business procedures; laws; industry technology applications; safety; sanitation; customer relations; and other knowledge and skills for employment in lodging operations and food and beverage operations. Content includes an orientation to supportive operations such as sales and marketing, quantity food production, human resources, accounting, security, and engineering. Potential industry certification programs include: ServSafe Certification, OSHA CareerSafe. This course is included within the following Career Clusters: Human Services.

Course: Nutrition and Food Science

Credit: 0.5 credit (Fall)

Grade Placement: 9th-12th

Course Description: 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 procedures; food labels; technology implications; and food handling, storage, and preparation practices. Meal etiquette; career options; and techniques for managing multiple family, community, and career roles are part of the content. This course is included within the following Career Clusters: Human Services.

Course: Food Science and Technology

Credit: 0.5 credit (Spring)

Grade Placement: 9th-12th

Prerequisite: Nutrition and Food Science

Course Description: This technical laboratory course provides foundational training in the area of food science and technology. Content addresses food science principles; nutrition and wellness; food technology; world food supply; managing multiple family, community, and career roles; and career options in nutrition, food science, and food technology. Instructional topics include diet-related disorders, diets appropriate to the life cycle and other factors, therapeutic diets, chemical and physical changes that affect food product quality, technologies used in food processing and product development, food safety and sanitation standards, market research, legal issues, and food policies. Laboratory activities utilizing research methods related to current issues in food science, technology, and nutrition are included. This course is included within the following Career Clusters: Human Services.

Course: Family and Consumer Sciences Career Preparation I

Credit: 2.0 credits

Grade Placement: 11th - 12th

Course Description: This program develops essential knowledge and skills through a combination of school-based technical instruction and work-based training in approved Family and Consumer Science occupationally specific training areas. The student will be required to meet the entrance criteria listed for the Career Education Preparation Program. A minimum of fifteen hours of work-based learning per week is required. This course is included within the following Career Clusters: Human Services.

Course: Family and Consumer Sciences Career Preparation II

Credit: 3.0 credits

Grade Placement: 12th

Course Description: This program develops essential knowledge and skills through a combination of school-based technical instruction and work-based training in approved Family and Consumer Science occupationally specific training areas. The student will be required to meet the entrance criteria listed for the Career Education Preparation Program. A minimum of fifteen hours of work-based learning per week is required. This course is included within the following Career Clusters: Human Services.

Health Science

Course: Introduction to Health Science Technology

Credit: 0.5 credits (Fall)

Grade Placement: 9th – 12th

Course Description: This course gives an overview of the therapeutic, diagnostic, environmental, and informational systems of the health care industry. The focus is on career exploration, leadership development, ethical and legal issues, and the history of medicine, as well as an overview of the systems of the human body correlated to specific professional and allied Health fields. This course is included within the following Career Clusters: Health Science.

Course: Medical Terminology*

Credit: 0.5 credits (Spring)

Grade Placement: 9th-12th

Course Description: A course designed to develop a working knowledge of the language of medicine. Students acquire word-building skills by learning prefixes, suffixes, roots, and abbreviations. By relating terms to body systems, students identify proper use of words in a medical environment. Knowledge of medical terminology enhances the student's ability to successfully secure employment or pursue advanced education in health care. This course is included within the following Career Clusters: Health Science.

Course: Health Science Technology I*

Credit: 1.0 credit

Grade Placement: 10th – 12th

Prerequisites: Medical Terminology (or taking concurrently)

Course Description: A course designed to develop health-care-specific knowledge and skills in effective communications, ethical and legal responsibilities, client care, safety procedures in the workplace, public health, and an in-depth review of the systems of the human body correlated to specific career objectives, including allopathic, dental and veterinary medicine, as well as an overview of medical terms. Potential industry certification programs include: OSHA CareerSafe. This course is included within the following Career Clusters: Health Science / Transportation, Distribution and Logistics.

Course: Health Science Technology II*

Credit: 2.0 credits

Grade Placement: 11th – 12th

Prerequisites: Health Science Technology I, First Aid and CPR

Course Description: This course includes development of clinical skills related to a variety of health professions, including dental and veterinarian. First Aid and CPR and infectious control are taught, as well as job safety precautions concerning bioterrorism. Potential industry certification programs include: OSHA CareerSafe. This course is included within the following Career Clusters: Health Science / Transportation, Distribution and Logistics.

Course: Health Science Technology III

Credit: 1.0-2.0 credits per semester

Grade Placement: 11th – 12th

Prerequisites: Health Science Technology II

Course Description: An occupationally specific course(s) designed to provide knowledge and skills for certification or licensure in an allied health career. Students develop advanced clinical skills necessary for employment in the health care industry or continued education in health careers. The courses may be taught by different methodologies such as pre-employment laboratory, cooperative education or an occupationally specific course with clinical training. Potential industry certification programs include: OSHA CareerSafe. This course is included within the following Career Clusters: Health Science / Transportation, Distribution and Logistics.