

Bellville High School



2017-2018

The Mission of Bellville Independent School District, as the center of public education, is to provide a high quality, well-rounded education that prepares all students for success.

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

Bellville Independent School District will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all education and vocational programs.

For information about your rights or grievance procedures, contact the Title IX Coordinator, Mr. Mike Coker, and/or the Section 504 Coordinator, Ms. Evelyn Sifford, at 518 S. Mathews, 979-865-3133.

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Bellville el Distrito Independiente de la Escuela de no discriminar por la Carrera, el color, el origen nacional, el sexo ni la desventaja en sus programas vocacionales, los servicios ni las actividades como necesario por el Título VI del Acto Civil De Derechos de 1964, como enmendado; el Título IX de las Enmiendas de la Educación de 1972; el Acto de la Discriminación por razón de edad de 1975, como enmendado; y la Sección 504 del Acto Rehabilitación de 1973, como enmendado.

Bellville el Distrito que Independiente de la Escuela tomara los pasos para asegurar esa falta de habilidades inglesas para idiomas de hablar no será una barrera a la admisión y la participación en todos programas educativos y vocacionales.

Para la información sobre sus derechos o sistemas de trámite de quejas, contacte el Titulo IX a Coordinador, Mr. Mike Coker, y/o la Sección 504 Coordinador, Ms. Evelyn Sifford, en 518 Mathews, 979-865-3133



Dear Parents and Students,

Advisement for school year 2017-2018 begins with the dispensing of the Course Selection Guide and Registration Form. Students are instructed to visit with their parents when considering classes for the coming school year. The separate Registration Form should be completed and turned in to the counseling office by the stated deadline.

Students and parents should consider the following when making course selections:

1. Insure that requirements are met for the student's chosen graduation plan. Requirements for each diploma program are included in the booklet to aid in this process.
2. Consider future career and educational goals of the student. Core academic classes should be chosen that sufficiently challenge and prepare the student for his/her educational plans beyond high school. It is also helpful to identify areas of personal interests when looking at elective options.
3. Choose wisely. Teaching faculty will be assigned based on the course selections submitted by the students. In the event that few students register for a particular course, a class may be dropped from the master schedule. Students will not be able to drop Career and Technical courses without the approval of the principal.
4. Be aware that every effort will be made to honor every student's requests. However, conflicts do occur and, in the instance, alternate classes listed by the student may replace elective options.
5. Students may be administratively placed in courses on the basis of EOC scores. Parents will be contacted regarding this decision.

At any time, please feel free to contact the counseling office with questions that you may have. Good luck with this important project and best wishes in your preparation for the 2017-2018 school year!

Cheryl Maeker

Bellville High School Counselor Grades 10 and 12

Cynthia Thompson

Bellville High School Counselor Grades 9 and 11

School year 2017-2018

Dr. Michael Coopersmith

Bellville High School Principal

Graduation Requirements

Foundation High School Program for students who entered high school 2014-15 and after.

Foundation High School Program = Students entering grade 9 in the 2014-2015 school year and thereafter shall enroll in the courses necessary to complete the curriculum requirements of the Foundation High School Program AND at least one endorsement. The Foundation Plan with an Endorsement requires 26 credits to graduate. Students who have satisfied the applicable requirements of the Foundation Plan and earn an Endorsement, the Distinguished Level of Achievement, and/or a Performance Acknowledgement shall have those completions documented on the academic achievement record (AAR), also known as the high school transcript.

Endorsement Completion = In order to earn an Endorsement, a student must successfully complete the curriculum requirements consisting of a coherent sequence of courses in at least one of the following categories:

- ❖ Arts and Humanities
 - Art
 - Music
 - Theatre
- ❖ Business and Industry
 - Agriculture
 - Business & Marketing
 - Computer Technology
 - Transportation
- ❖ Public Services
 - Human Services & Education
- ❖ STEM
 - Math
 - Science
- ❖ Multidisciplinary Studies
 - Four credits in Advanced Placement or Dual Credit Courses
 - Four credits in each of the four foundation subject areas to include English IV, Chemistry and/or Physics

-Distinguished Level of Achievement = A student may earn this designation by successfully completing the curriculum requirements for the Foundation High School Program, successfully completing the curriculum requirements for at least one Endorsement, and must successfully enroll and complete Algebra 2 as one of the four mathematics credits.

-Performance Acknowledgements = A student may earn this designation for outstanding performance in several manners:

- ❖ Dual Credit
 - Successful completion of at least 12 hours of college academic courses (4 classes), earning a grade of 3.0 (B average) or higher on a scale of 4.0
- ❖ Bilingualism and Biliteracy
 - Demonstrate proficiency in two or more languages by completing all English Language Arts requirements, maintaining a minimum grade of 80 on a scale of 100
 - Complete minimum of three credits in the same language in a language other than English, maintaining a minimum grade of 80 on a scale of 100
- ❖ College Board Advanced Placement
 - Earn a score of 3 or higher on a College Board Advanced Placement examination
- ❖ PSAT / ACT / SAT
 - Earn a score on the Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT/NMSQT) that qualifies the student for recognition as a commended scholar or higher by the College Board and National Merit Scholarship Corporation, or part of the National Hispanic Recognition Program, or part of the National Achievement Scholarship Program
 - Earn a combined critical reading and mathematics score of at least 1250 on the SAT
 - Earn a composite score on the ACT exam (without writing) of 28

Automatic College Admissions = In order to qualify for automatic college admission under the Foundation High School Program, a student must be ranked in the top 10% of the graduating class at the time of application and earn the Distinguished Level of Achievement. The only exception to this rule is in regards to the University of Texas in Austin, who will notify high schools the exact percentage that will be automatically accepted one year prior to the expected graduation date.

In order to receive a Texas high school diploma = a student must complete all the for graduation and must satisfactorily meet all the testing requirements



necessary credits

In order to walk across the stage for Bellville HS graduation = a student must complete all Bellville ISD credit requirements to graduate. Students who have not mastered all five STAAR EOC assessments will walk, but will receive a certificate of attendance. If a student has not earned all the required graduation credits, he/she will not be allowed to participate in the graduation ceremony.

Honor Graduate = For the purpose of determining honors to be conferred during graduation activities, the district shall calculate class rank at the end of the fifth six-week grading period of the senior year. The average of the fourth and fifth six week grades shall be used as the semester grade for this purpose. In addition, students must meet credit requirements under one of the advanced graduation plans; either the Recommended or Distinguished Achievement Program. Honor graduates will then be assigned the following title designations according to their rank in class:

- | | |
|-----------------|-----------------|
| • 4.0 and above | Summa Cum Laude |
| • 3.75 – 3.99 | Magna Cum Laude |
| • 3.50 – 3.74 | Cum Laude |
| • 3.0 – 3.49 | Honor Graduate |

Valedictorian and Salutatorian = Honors given to the eligible senior students with the highest and second highest ranking, respectively. To be eligible for such recognition, a student must:

- Have been continuously enrolled in the district high school for the four semesters immediately preceding graduation
- Be graduating after exactly eight semesters of enrollment in high school.

Course Designations

AP (Advanced Placement) = One of several ways that students may earn college credit. Bellville High School offers several AP courses in English, mathematics, and science. Students enrolled in these courses have an opportunity to take an AP exam given in May. Scores of 3, 4, or 5 on the exam indicate the student is doing college-level work. The actual college credit awarded depends on the particular university the student attends.

Pre AP = Courses taught in the academic core areas in preparation for Advanced Placement courses. Usually offered at the freshman and/or sophomore level.

Dual Credit = One of several methods by which high school students may earn college credit. Bellville High School offers Dual Credit courses in English and social studies. Students in these courses are dually enrolled in both Bellville High School and Blinn College. Dual credit classes are available for Juniors and Seniors who meet additional requirements.

Testing

STAAR End-Of-Course Assessment = High school students must take and pass required courses and the end-of-course exams for those courses. The assessments are based on the state curriculum standards. The end-of-course exams are designed to ensure students are learning specific course material and are prepared to succeed.

- English I
- English II
- United States History
- Algebra I
- Biology

The purpose of the EOC assessments is to measure students' academic performance in core high school courses and to become part of the graduation requirements beginning with the freshman class of 2011-2012 and beyond. The EOC assessments for lower-level courses must include questions to determine readiness for advanced coursework

PSAT / NMSQT (Preliminary SAT and National Merit Scholarship Qualifying Test) = Offered to students in grades 9-11. The PSAT is administered during the month of October under guidelines of College Board. It is a standardized test that provides firsthand practice for the SAT. Junior students are eligible for recognition and scholarships within the National Merit Program. Students must register in the counseling office for a slight fee, usually around \$15. It also provides college information and career tools for the students to use in post-secondary plans.

College Readiness and Admissions Testing

Texas Success Initiative Assessment (TSIA) = Required of all students planning to take college classes, including Dual Credit courses offered at Bellville High School to junior and senior students. Test is designed to assess college readiness in four areas: reading, writing, math, and essay composition. In order to take TSIA, a MANDATORY pre-assessment activity must be completed. Once the pre-test is completed, the student must print a certificate and present it to the testing center prior to testing.

Blinn College offers TSIA testing. The mandatory pre-assessment activity may be found on the Blinn College website (www.blinn.edu – Select “Blinn A to Z” – Look under the letter “T” for “Testing and Testing Dates” – Choose “TSIA Assessment” – Click on the button to begin the online Pre-Assessment Activity). If you have any questions regarding this test, please call Blinn College at 979-830-4196.

TSIA Exemptions = There are certain scores that can exempt students from having to participate in the Texas Success Initiative Assessment. Those exemptions are listed below:

- SAT – Mathematics=500, Critical Reading= 500, Combined Score=1070
- ACT – Mathematics=19, English=19, Composite=23
-

*It is highly recommended that students take either the SAT or ACT test during the JUNIOR year of high school.
Bellville High School Code = 440575*

SAT Reasoning Test = College admissions test assessing critical-thinking skills in the subjects of math, reading, and writing. Scores range in each section from 200 – 800 with a combined score totaling from 400 to 1600. It is typically taken during the junior and senior year of high school, although sophomores are certainly eligible to participate as well. Students should plan in advance when taking this test as only a few testing dates are established each school year. Registration is completed online at www.collegeboard.org.

Dates for 2017 are:

- March 11 (Deadline – February 10)
- May 6 (Deadline – April 7)
- June 3 (Deadline – May 5)

ACT = Another test used for college admissions. Assesses general educational development in the areas of English, math, reading, and science. Writing portion is available for an extra charge, but is not required. Highest possible score is a 36. Again, students should plan in advance as only a few testing dates are available each school year. Registration is done online at www.actstudent.org

Dates for 2017 are:

- April 8 (Deadline – March 3)
- June 10 (Deadline – May 5)

Requirements for Admission to Public Universities in Texas = Beginning with the 2007-2008 school year, House Bill 3826, 80th Texas Legislature, added the requirement that students meet one or more of the following thresholds in order to be considered for admissions to any general academic teaching institution, including those with open enrollment policies:

- Students who entered high school in 2014-15 and after must successfully complete the Foundation plus Endorsement high school program.
 - Successfully complete a curriculum that is equivalent in content and rigor to an advanced high school program at a high school that does not offer such a program
- Satisfy the College Readiness Benchmarks on the ACT or SAT assessment

The statute does not apply to students entering public junior and community colleges. Once admitted and credit earned at the junior college level, students may then apply and transfer to a general academic teaching institution.

Top Ten Percent Rule = Texas students who are in the top ten percent of their graduating class are guaranteed automatic admission to all state-funded universities provided they complete *one* of the two criteria:

- For students entering high school in 2014-2015 and after, complete the Distinguished Level of Achievement
- Satisfy the ACT College Readiness Benchmarks or earn at least a 1250 out of 1600 on the SAT.

Students must make certain that they also submit an application to the Texas public university for admission before the institution's deadline. This ruling applies only to admission, students are not guaranteed acceptance into their desired choice of major. Keep in mind that most students will apply to college during the fall semester of their senior year. Therefore, the ranking that will be seen when applying is determined after the second semester of the junior year, or also known as the sixth-semester ranking.



Exemption to the Top Ten Percent Rule = TEC (51.803) changes the Top Ten Percent Rule as it applies to the University of Texas at Austin ONLY. Each fall, UT-Austin must notify secondary schools of its intentions for the coming school year. For freshman admits for the Fall of 2017, UT-Austin will automatically admit students in the **top 7%** of their graduation class.

Bellville High School Graduation Requirements

Subject Areas	FOUNDATION PLAN + ENDORSEMENT	DISTINGUISHED LEVEL OF ACHIEVEMENT
English	4 credits <i>EOC Eng 1, 2</i>	4 credits <i>EOC Eng 1,2</i>
Math	4 credits: Algebra 1, Geometry, & an advanced math and an endorsement math chosen from Math Models, Algebra 2, IndSt1- Intro to College Algebra, Precalculus, IndStudy2-Calculus, AP Calculus, or AP Statistics <i>EOC Alg 1</i>	4 credits: To include Algebra 2 <i>EOC Alg 1</i>
Science	4 credits: Biology, 1 lab course from IPC, Chemistry, Physics or Principles of Technology, An advanced science and an endorsement science chosen from: Chemistry, Principles of Tech, Physics, AP Biology, AP Chemistry, AP Physics, Anatomy & Physiology, Medical Microbiology, or Forensic Science <i>EOC Bio</i>	4 credits: Biology, 1 lab course from IPC, Chemistry, Physics or Principles of Technology, An advanced science and an endorsement science chosen from: and a 3rd science chosen from: Chemistry, Principles of Tech, Physics, AP Biology, AP Chemistry, AP Physics, Anatomy & Physiology, Medical Microbiology, or Forensic Science <i>EOC Bio</i>
Social Studies & Economics	3 credits US History, Government (.5) and Economics (.5) and 1 credit to be chosen from World History or World Geography <i>EOC US History</i>	3 credits US History, Government (.5) and Economics (.5) and 1 credit to be chosen from World History or World Geography <i>EOC US History</i>
Foreign Language	2 credits of the same foreign language	2 credits of the same foreign language
Physical Ed	1 credit	1 credit
Fine Arts	1 credit Chosen from: Band, Art, Theatre Arts, Technical Theater, Floral Design (Ag), Digital Art & Animation or 3D Modeling/Animation	1 credit Chosen from: Band, Art, Theatre Arts, Technical Theater, Floral Design (Ag), Digital Art & Animation, or 3D Modeling/Animation
Electives	5 credits = 24 credits	5 credits = 24 credits
Endorsement:	2credits: To be selected from a coherent sequence of four courses	2 credits: To be selected from a coherent sequence of four courses
TOTAL CREDITS	26 CREDITS	26 CREDITS
W/ ENDORSEMENT		

**Bellville High School
GPA and Rank**

REGULAR	ACADEMIC	ADVANCED
4.0 Scale	4.5 Scale	5.0 Scale
English 1, 2, 3, 4		English 1, 2 PreAP AP English 3, 4 Dual Credit English 4
Algebra 1 Geometry Mathematical Models Alg Reason & Statistics Algebra 2	Ind Study #1 – Intro to College Algebra Pre-Calculus Ind Study #2 - Calculus	Geometry PreAP Algebra II PreAP Pre-Calculus PreAP AP Calculus AP Statistics
IPC Biology Chemistry Principles of Technology Aquatic Science Environmental Systems	Physics Anatomy & Physiology Forensic Science Medical Microbiology	Biology PreAP Chemistry PreAP Physics PreAP AP Biology 2 AP Chemistry 2 AP Physics 2
World Geography World History US History Federal Government Economics		World History PreAP Dual Credit US History Dual Credit Government
Latin 1 Spanish 1	Latin 2 Spanish 2	Latin 3, Latin 4 Spanish 3, Span 4

Bellville High School's GPA and associated Class Rank are based on core academic subjects only. Academic core subjects include English, mathematics, science, social studies and foreign language courses. Extra weight is given to courses deemed more rigorous. The list above contains the names of the courses offered at Bellville High used in determining class rank and their corresponding weights.

**Bellville High School
GPA and Rank**

The following conversion chart will be used in the calculation of grade point averages. At the end of each semester, the semester average earned at that time in each of the academic core courses will be converted to grade points. A cumulative grade point average will then be calculated. The chart below indicates the grade points assigned for each semester average earned in the academic core courses of English, mathematics, science, social studies, and foreign language.

Numerical Grade	REGULAR	ACADEMIC	ADVANCED
100	4.0	4.5	5.0
99	3.9	4.4	4.9
98	3.8	4.3	4.8
97	3.7	4.2	4.7
96	3.6	4.1	4.6
95	3.5	4.0	4.5
94	3.4	3.9	4.4
93	3.3	3.8	4.3
92	3.2	3.7	4.2
91	3.1	3.6	4.1
90	3.0	3.5	4.0
89	2.9	3.4	3.9
88	2.8	3.3	3.8
87	2.7	3.2	3.7
86	2.6	3.1	3.6
85	2.5	3.0	3.5
84	2.4	2.9	3.4
83	2.3	2.8	3.3
82	2.2	2.7	3.2
81	2.1	2.6	3.1
80	2.0	2.5	3.0
79	1.9	2.4	2.9
78	1.8	2.3	2.8
77	1.7	2.2	2.7
76	1.6	2.1	2.6
75	1.5	2.0	2.5
74	1.4	1.9	2.4
73	1.3	1.8	2.3
72	1.2	1.7	2.2
71	1.1	1.6	2.1
70	1.0	1.5	2.0

CAREER AND TECHNOLOGY EDUCATION ENDORSEMENT TRACKS

Business and Industry

- ❖ Agribusiness and Leadership
- ❖ Arts & A/V Tech and & Computer Technology
- ❖ Business Management & Administration
 - ❖ Marketing
- ❖ Transportation, Distribution & Logistics

Public Services

- ❖ Human Services

Arts and Humanities

- ❖ Dual Foreign Language
 - ❖ Fine Arts

STEM

- ❖ Math
- ❖ Science

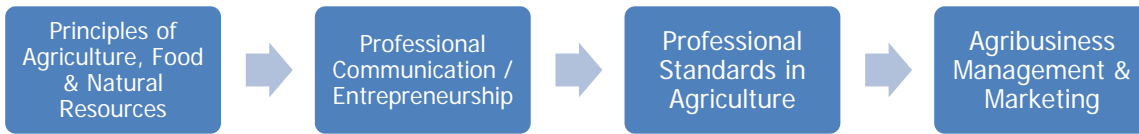
Multidisciplinary

- ❖ 4x4
- ❖ 4 Advanced Placement or Dual Credit Courses

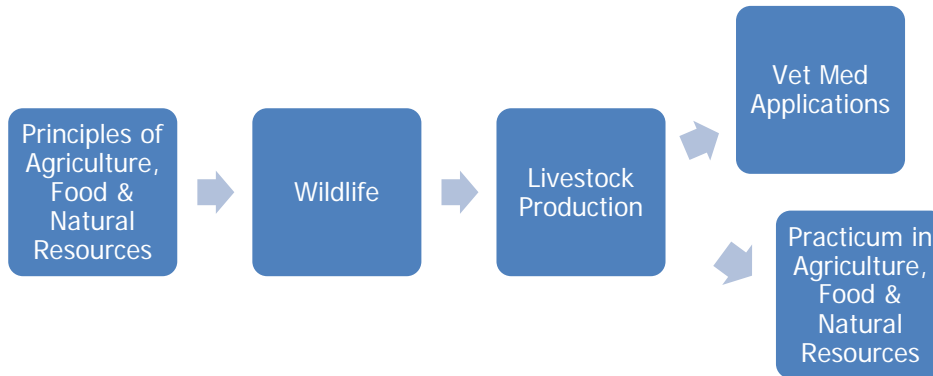
Business and Industry

(see pgs. 23-24 for descriptions)

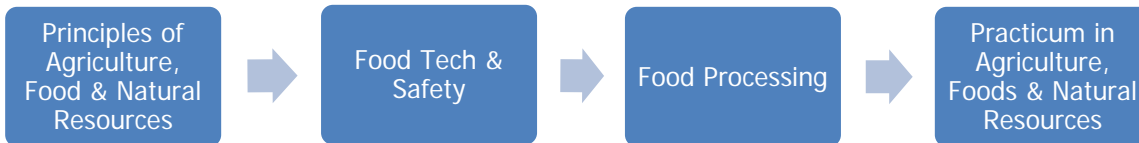
Agribusiness and Leadership



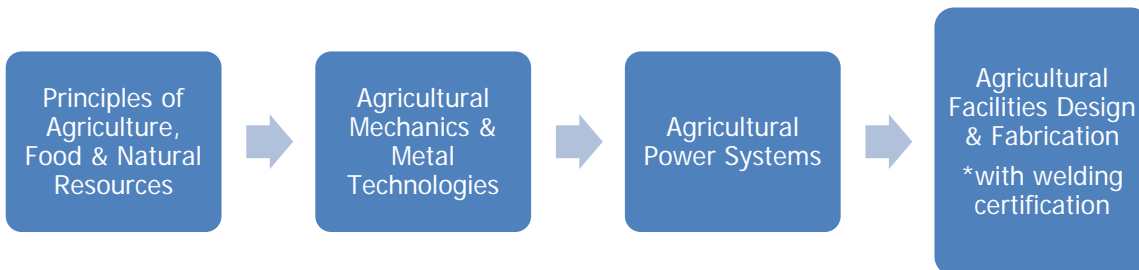
Animal Studies



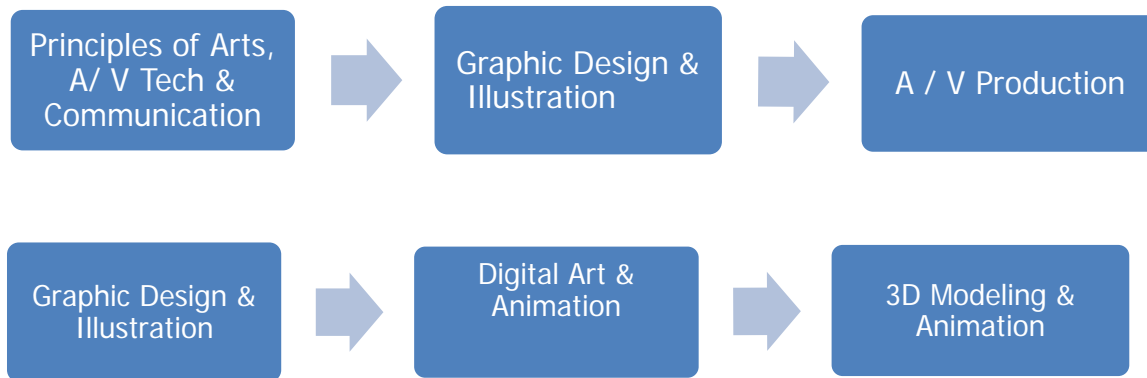
Foods



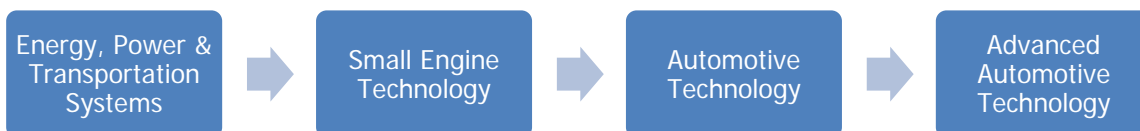
Power, Structural, & Technical



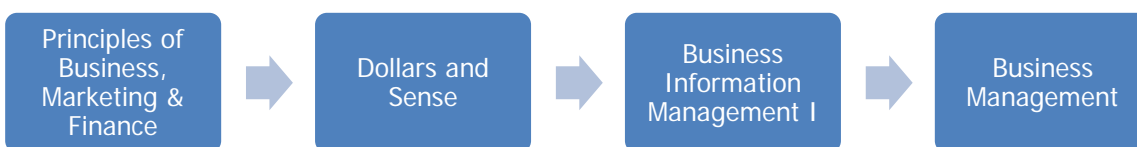
Arts, A/V Technology & Communications (see pg. 25 for descriptions)



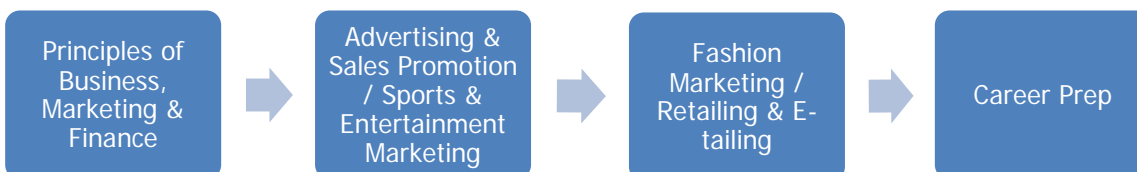
Transportation, Distribution & Logistics (see pg. 27 for descriptions)



Business Management & Administration (see pgs. 25-26 for descriptions)

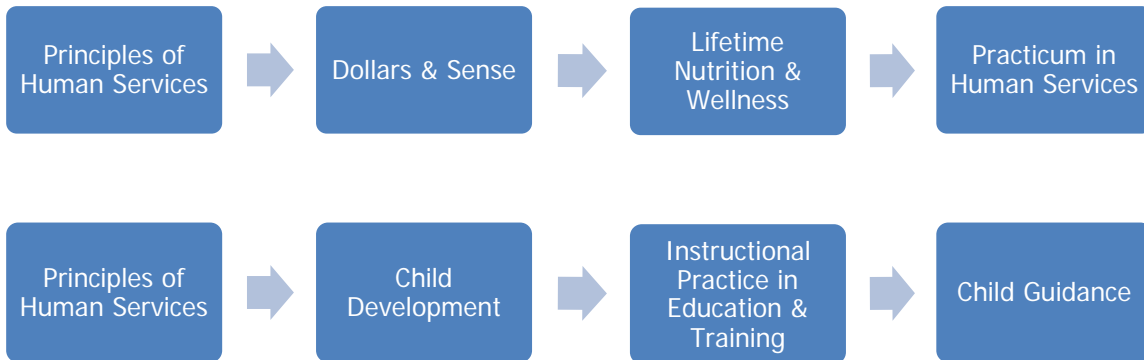


Marketing (see pgs. 25-26 for descriptions)



Public Services

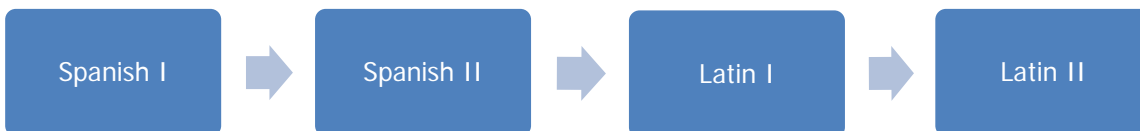
Human Services (see pg. 27 for descriptions)



Arts and Humanities

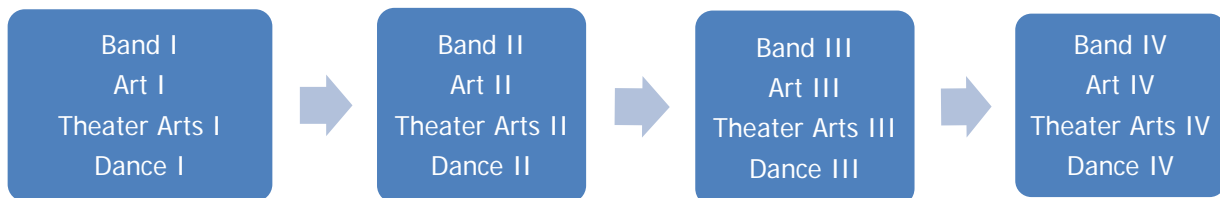
Dual Foreign Language (see pg. 21 for descriptions)

*Can be taken in either order



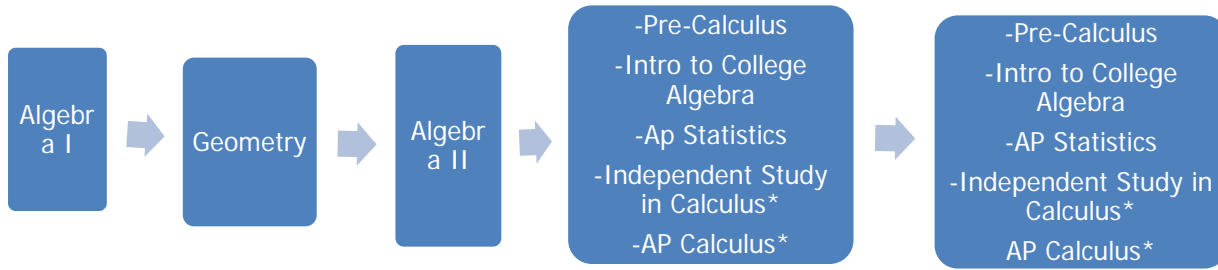
Fine Arts (see pg. 21 for descriptions)

*Four courses in one discipline or a combination from two disciplines



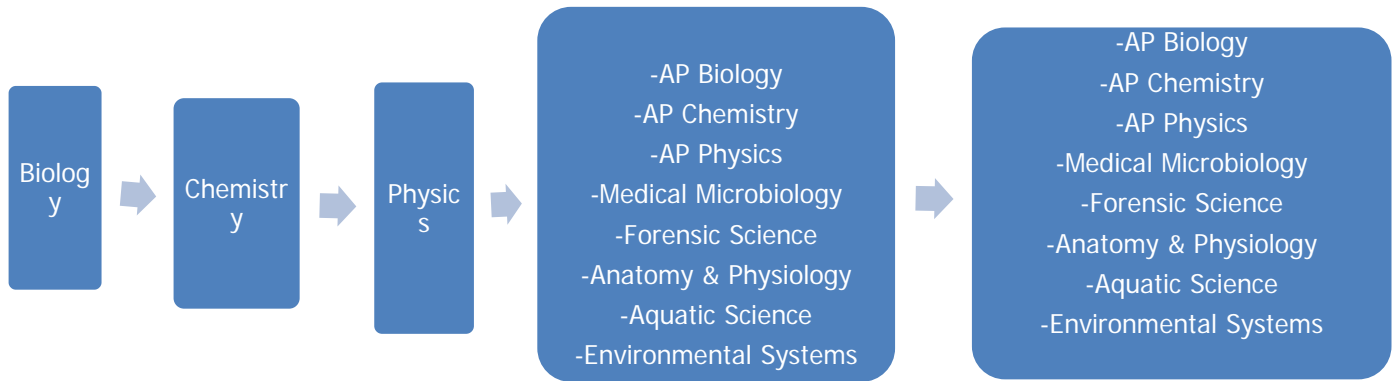
STEM

Mathematics (see pg. 17 for descriptions)



*Requires Pre-Calculus

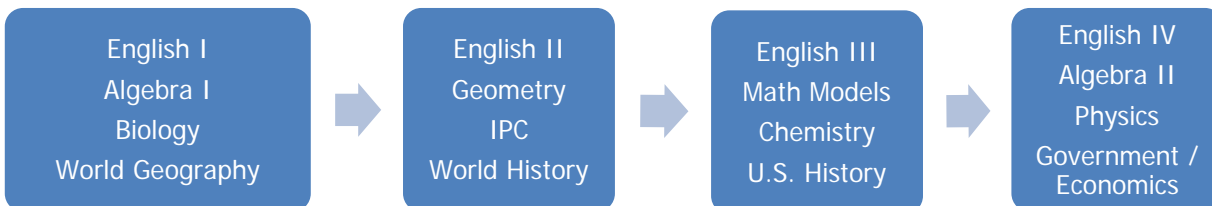
Science (see pgs. 18-19 for descriptions)



Multidisciplinary

4x4

*Example Below



4 credits in Advanced Placement or Dual Credit

A combination of credits taken in the following courses:

AP English III

AP Physics

Dual Credit U.S. History

AP English IV

AP Biology

Dual Credit English IV

AP Calculus

AP Chemistry

AP Statistics

1011 ENGLISH I**GRADE: 9****CREDIT: 1.0****Prerequisite:** None

Course Description: Emphasizes skill development in reading, writing, literature, language, grammar, critical thinking, and cooperative learning. Major writing forms include description, exposition, research, persuasion, comparison/contrast, and narration. In literature the major genres covered include fiction (short stories and novels), nonfiction, poetry, and drama.

1014 ENGLISH I PRE AP**GRADE: 9****CREDIT: 1.0**

Prerequisite: Must complete summer project. Recommended final grade of 90 in 8th grade English and must have passed 8th Grade Reading STAAR. Students who do not meet criteria may appeal to the AP Committee to be considered for enrollment. Must maintain six weeks average of 70 or above. Failing grade will result in automatic removal to the equivalent regular course.

Course Description: Provides more challenging work with the intent of helping students prepare for college. Equips students with the skills of organization, time management, research, independent study, close reading, writing, and analysis of literary works. Fees for some books.

1021 ENGLISH II**GRADE: 10****CREDIT: 1.0****Prerequisite:** English I

Course Description: This comprehensive course is designed to develop skills in reading, writing, literature, grammar, critical thinking, and research techniques. Special emphasis is placed on integrating grammar, vocabulary, and writing skills. The course also analyzes selected works of world literature in fiction, nonfiction, poetry, and drama.

1024 ENGLISH II PRE AP**GRADE: 10****CREDIT: 1.0**

Prerequisite: Must complete summer project. Final grade of 90 in English I or 80 in Pre-AP English I. Must have passed 9th Grade English 1 STAAR EOC. Students who do not meet criteria may appeal to the AP Committee to be considered for enrollment. Must maintain six weeks average of 70 or above. Failing grade will result in automatic removal to the equivalent regular course.

Course Description: Designed to prepare task-oriented, proficient readers for English III and IV Advanced Placement courses. Includes content immersion, fast pace, and performance assessed at the analysis and synthesis levels. Fees for some books.

1031 ENGLISH III**GRADE: 11****CREDIT: 1.0****Prerequisite:** English II

Course Description: Skill development in reading, writing, literary analysis, grammar, critical thinking, research techniques, and cooperative learning. Emphasis on American literature with a focus on writing. Types of writing covered are narrative, persuasive, paraphrasing, summarizing, and critical analysis.

1034 AP ENGLISH III**GRADE: 11****CREDIT: 1.0**

Prerequisite: Must complete summer project. Final grade of 90 in English II or 80 in Pre-AP English II. Must have passed English 2 STAAR EOC. Students who do not meet criteria may appeal to the AP Committee to be considered for enrollment. Must maintain six weeks average of 70 or above. Failing grade will result in automatic removal to the equivalent regular course.

Course Description: Analysis of author's/speaker's styles focusing on nonfiction and American Literature, and continued development of expository, research, and persuasive writing and timed writing skills. Critical analysis is the basis for all readings and essays. Class prepares students for the AP exam. Fees for some books.

1602 CREATIVE WRITING**GRADE: 10-12****CREDIT: 1.0 Course**

Description: This composition course is designed to develop versatility as a writer. Students will be asked to demonstrate their skills in such forms as essays, short stories, poetry, and drama.

1041 ENGLISH IV**GRADE: 12****CREDIT: 1.0****Prerequisite:** English III

Course Description: Survey of British literature. Exposure to major authors, works, and themes focusing on literary analysis. Included is an emphasis on reading, writing, and language. Also reinforced are grammar, vocabulary, and research skills, all within the literary context. Preparation for the world beyond high school is a constant underlying motif.

1044 AP ENGLISH IV**GRADE: 12****CREDIT: 1.0**

Prerequisite: Final grade of 90 in English III or 80 in AP English III. Students who do not meet criteria may appeal to the AP Committee to be considered for enrollment. Must maintain six weeks average of 70 or above. Failing grade will result in automatic removal to the equivalent regular course.

Course Description: Includes an intensive study of representative works by predominately British authors. Literary analysis is key focus of recitations, lectures, discussions, reading, and writings. Selections include poetry and prose. Composition assignments will include paragraphs, timed writings, formal essays, and a major research paper. Preparation for the AP exam is included. Fees for some books.

1048 M/W DUAL CREDIT ENGLISH 1301**1049 T/R****GRADE: 12****CREDIT: .5 FALL**

Prerequisite: GPA of 3.0 at end of junior year. Must complete all admission requirements for Blinn, including a passing mark on the Reading and Writing sections of the TSI Assessment and payment of semester tuition.

Course Description: Writing-intensive composition course focuses on the writing of researched argumentative, expository, and persuasive papers. Analytical reading, critical thinking, and library-based research skills are emphasized. Essays, including a 1500-2000 word documented library research-based paper, are required. College credit: Three semester college hours.

1050 M/W**DUAL CREDIT ENGLISH 1302****1051 T/R****GRADE: 12****CREDIT: .5 SPRING**

Prerequisite: English 1301. GPA of 3.0 at end of junior year. Must complete all admission requirements for Blinn, including a passing mark on the Reading and Writing sections of the TSI Assessment and payment of semester tuition.

Course Description: Reading and writing-intensive composition course. Further develops the analytical, thinking, and research skills underlying academic success through the study of literature. The student's writing of genre-based essays, including researched papers, reinforces the thinking skills associated with interpretation, explication, evaluation, analysis, and synthesis. Essays, including a 1500-2000 word documented library research-based paper, are required. College credit: Three semester college hours.



2011 ALGEBRA I**GRADES: 9-10****CREDIT: 1.0****Prerequisite:** None

Course Description: Study of functions with an emphasis on analyzing relationships using a variety of representations including concrete models, algebraic methods, and the graphing calculator.

2021 GEOMETRY**GRADES: 9-11****CREDIT: 1.0****Prerequisite:** Algebra I

Course Description: Introduction and basics of plane, solid, and coordinate geometry. Stresses geometric knowledge of physical space, deductive and inductive reasoning, and the integration of geometry and algebra.

2027 GEOMETRY PRE AP**GRADES: 9****CREDIT: 1.0**

Prerequisite: Final grade of 90 in Algebra I and must have passed Algebra I STAAR EOC. Students who do not meet criteria may appeal to the AP Committee to be considered for enrollment. Must maintain six weeks average of 70 or above. Failing grade will result in automatic removal to the equivalent regular course.

Course Description: Advanced basics of plane, solid, and coordinate geometry. Stresses geometric knowledge of physical space, deductive and inductive reasoning, and the integration of geometry and algebra.

2041 MATHEMATICAL MODELS WITH APPLICATIONS**GRADES: 10-12****CREDIT: 1.0****Prerequisite:** Algebra I, Geometry

Course Description: Designed for students not ready for Algebra II. Focus on reviewing and extending basic math skills, algebra and geometry to solve applied problems.

2031 ALGEBRA II**GRADES: 10-12****CREDIT: 1.0****Prerequisite:** Algebra I, Geometry

Course Description: Designed to prepare students or higher-level math through study of equation, in- equalities, and functions. Both algebra and graphic methods are used in problem solving. Some key topics include Linear Equations and Inequalities, Matrices, Quadratic Functions and Relations, Exponential and Logarithmic Functions, Rational Expressions and Functions, and Probability and Statistics. Graphing calculator is high recommended for this course.

2037 ALGEBRA II PRE AP**GRADE: 10****CREDIT: 1.0**

Prerequisite: Final grade of 90 in Geometry or 80 in Geometry PreAP. Students who do not meet criteria may appeal to the AP Committee to be considered for enrollment. Must maintain six weeks average of 70 or above. Failing grade will result in automatic removal to the equivalent regular course.

Course Description: Advanced Algebra II with key topics that include Linear Equations and Inequalities, Matrices, Quadratic Functions and Relations, Exponential and Logarithmic Functions, Rational Expressions and Functions, and Probability and Statistics. Graphing calculator is highly recommended for this course.

2091 ALGEBRAIC REASONING WITH STATISTICS**GRADE: 12****CREDIT: 1.0****Prerequisite:** Alg I

Course Description: Students will build on the knowledge and skills of mathematics thru Alg I, Geometry and Alg II. Students will broaden their knowledge of functions and relationships, including linear, quadratic, square root, rational, cubic, cube root, exponential, absolute value and logarithmic functions. They will model from data using tools that build to workforce and college readiness. Students will apply mathematics to problems arising in everyday life, society and the workplace. Statistics, probability and finance are embedded in the curriculum.

2071 INDEPENDENT STUDY INTRODUCTION TO COLLEGE ALGEBRA**GRADES: 11-12****CREDIT: 1.0****Prerequisite:** Algebra II

Course Description: This course is a study of advanced algebra including linear equations, inequalities, matrices, real and complex quadratic equations, functions, exponential and logarithmic functions, polynomials and polynomial functions, rational functions and quadratic relations. Daily preparation required.

2044 PRECALCULUS**GRADES: 11-12****CREDIT: 1.0****Prerequisite:** Algebra II

Course Description: Academically rigorous course requiring daily preparation. Excellent preparation for college mathematics or AP Calculus. Topics center around the study of functions including trigonometric. Graphing calculator is required for this course.

2047 PRECALCULUS PRE AP**GRADES: 11****CREDIT: 1.0**

Prerequisite: Final grade of 90 in Algebra II or 80 in Algebra II Pre-AP. Students who do not meet criteria may appeal to the AP Committee to be considered for enrollment. Must maintain six weeks average of 70 or above. Failing grade will result in automatic removal to the equivalent regular course.

Course Description: A more academically rigorous course created for juniors who plan to take AP Calculus their senior year, with similar requirements to regular pre-calculus, but with greater in-depth study of trigonometry, functions, logarithms, sequences, introductory limits, and derivatives.

2051 AP CALCULUS-AB**GRADES: 11-12****CREDIT: 1.0**

Prerequisite: Final grade of 90 in Pre-calculus or 80 in Pre-calculus Pre-AP. Students who do not meet criteria may appeal to the AP Committee to be considered for enrollment. Must maintain six weeks average of 70 or above. Failing grade will result in automatic removal to the equivalent regular course.

Course Description: A rigorously-advanced study of limits, derivatives, and integrals. Topics viewed geometrically, numerically, and algebraically. Graphing calculator is highly recommended for this course. Preparation for the AP test is included. Student may earn credit for one semester of college calculus with qualifying AP scores.

2061 AP STATISTICS**GRADES: 11-12****CREDIT: 1.0**

Prerequisite: Final grade of 90 in Algebra II or 80 in Algebra II Pre-AP. Pre-calculus is strongly recommended. Students who do not meet criteria may appeal to the AP Committee to be considered for enrollment. Must maintain six weeks average of 70 or above. Failing grade will result in automatic removal to the equivalent regular course.

Course Description: Explores data, describes patterns and departures from patterns, plans and conducts a study, anticipates patterns using probability, draws conclusion from data. Graphing calculator highly recommended. Student may earn credit for one semester of college statistics with qualifying AP scores.

2081 INDEPENDENT STUDY CALCULUS**GRADES: 11-12****CREDIT: 1.0****Prerequisite:** Precalculus or Precalculus PreAP

Course Description: An introductory course covering limits, derivatives, and integrals. Topics viewed geometrically, numerically, and algebraically. Graphing calculator is highly recommended for this course

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3011 BIOLOGY I**GRADES: 9-10****CREDIT: 1.0****Prerequisite:** None

Course Description: Introductory course in modern biological principles with emphasis on six themes that contribute to the big picture by focusing learning on connection among major ideas and concepts. These themes are evident in discussions of topics ranging from cell structure and function, to the genetic code, to the six kingdoms of life. The themes are Energy, Homeostasis, Theory of Evolution, Systems and Interactions and the Nature of Science. Biological concepts are reinforced by lab experiences. Students must pass an End-Of-Course Exam at end of year.

3017 BIOLOGY I PRE AP**GRADES: 9****CREDIT: 1.0**

Prerequisite: Must complete summer project. Final grade of 90 in 8th grade Science or IPC. Must have passed 8th grade STAAR science testing. Students who do not meet criteria may appeal to the AP Committee to be considered for enrollment. Must maintain six weeks average of 70 or above. Failing grade will result in automatic removal to the equivalent regular course.

Course Description: An advanced introductory course in modern biological principles with emphasis on six themes that contributes to the big picture by focusing learning on connection among major ideas and concepts. These themes are evident in discussions of topics ranging from cell structure and function, to the genetic code, to the six kingdoms of life. The themes are Energy, Homeostasis, Theory of Evolution, Systems and Interactions and the Nature of Science. Biological concepts are reinforced by strong lab experiences. Summer work and outside lab time is required. Students must pass an End-Of-Course Exam at end of year.

3001 INTEGRATED PHYSICS AND CHEMISTRY**GRADES: 9-10****CREDIT: 1.0****Prerequisite:** None

Course Description: Laboratory-oriented study of metric system, measurement, nature of matter, physical and chemical changes, nuclear changes, motion and machines, electricity and magnetism, wave motion, light, and sound. This class does not count for science credit on the Distinguished Achievement Program. On the Recommended Graduation Program *ONLY*, this class may count for science credit if it is successfully completed prior to Chemistry and Physics.

3021 CHEMISTRY I**GRADES: 10-11****CREDIT: 1.0****Prerequisite:**

Course Description: Laboratory-oriented course which emphasizes theoretical foundations of chemistry and development of skills in manipulation, acquisition, classification, and communication of data.

3027 CHEMISTRY I PRE AP**GRADES: 10****CREDIT: 1.0**

Prerequisite: Must complete summer project. Final grade of 90 in Biology or 80 in Biology PreAP. Must have passed Biology EOC. Students who do not meet criteria may appeal to the AP Committee to be considered for enrollment. Must maintain six weeks average of 70 or above. Failing grade will result in automatic removal to the equivalent regular course.

Course Description: A laboratory-oriented course, which emphasizes descriptive and theoretical topics in modern chemistry. Manipulative lab skills, acquisition, clarification, and communication of data are developed in the course. Summer work and outside lab time is required. Summer assignment is given out first week in May.

3044 PRINCIPLES OF TECHNOLOGY**GRADES: 11-12****CREDIT: 1.0****Prerequisites:** Successful completion of Algebra I, Biology, and Chemistry

Course Description: Students learn about the concepts of physics using a vast body of changing and increasing knowledge described by physical, mathematical, and conceptual models found in mechanical, fluid, electrical, and thermal systems used in technical careers. For science credit, Principles of Technology may be taken in the place of Physics on the Recommended Graduation Plan *and* Foundation Plan *only*.

3041 PHYSICS I**GRADES: 11-12****CREDIT: 1.0****Prerequisite:** Two years of science

Course Description: Laboratory-oriented course emphasizes theoretical concepts of physics and development of skills in manipulation, acquisition, classification, and communication of data, pertaining to motion, heat, electricity, magnetism, sound, light, and nuclear energy.

3042 PHYSICS PRE-AP**GRADES: 11-12****CREDIT: 1.0**

Prerequisite: Final grade of 90 in Chemistry or 80 in Chemistry PreAP and Algebra II. Students who do not meet criteria may appeal to the AP Committee to be considered for enrollment. Must maintain six weeks average of 70 or above. Failing grade will result in automatic removal to the equivalent regular course.

Course Description: This course is designed for students who can perform well at rigorous academic levels. Concepts covered include motion, heat, electricity, magnetism, sound, light, and nuclear energy. Students will be challenged to expand their knowledge and skills and to prepare for higher intellectual engagement. Students will be expected to memorize formulas and become proficient in problem solving. Students will conduct experiments and even design lab experiments. Major projects conducted predominantly outside of class will be assigned almost every six weeks.

3091 ENVIRONMENTAL SYSTEMS**GRADES: 11-12****CREDIT: 1.0** (Satisfies 4th Science requirement)**Prerequisites:** Successful completion of Biology and Physical Science

Course Description: Students conduct laboratory and field investigations to study a variety of topics that include: living and non-living factors in habitats, ecosystems and biomes, interrelationships among resources and an environmental system, sources and flow of energy through and environmental system, relationships between carrying capacity and changes in populations and ecosystems, and changes in environments.

3095 AQUATIC SCIENCE**GRADES: 11-12****CREDIT: 1.0** (Satisfies 4th Science requirement)**Prerequisites:** Successful completion of Biology. Suggested prerequisite Chemistry or concurrent enrollment in Chemistry.

Course Description: Students will gain an overall understanding of aquatic ecosystems including saltwater and freshwater ecosystems and the flora and fauna found in them. Students will learn about the geological formations that form the Earth's oceans and rivers, and the effect these bodies of water have on weather. Students will also acquire the necessary skills, responsibilities and knowledge to be good stewards of freshwater and marine ecosystems.

3043 AP PHYSICS I**GRADES: 11-12****CREDIT: 1.0****Prerequisite:** Biology I, Chemistry I, Physics I, Algebra II. Must complete summer project.

Course Description: Students explore principles of Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. The course is based on core scientific principles, theories, and processes that cut across traditional boundaries and provide a broad way of thinking about the physical world.

3051 AP CHEMISTRY**GRADES: 11-12****CREDIT: 1.0****Prerequisite:** Chemistry I, Algebra II, and Biology I. Must complete summer project.

Course Description: Comparable to a first-year college course, this class is a rigorous study of topics such as stoichiometry, electrochemistry, thermochemistry, thermodynamics, kinetics, equilibrium, acids & bases, atomic structure and more. This course is designed for the college bound student to earn credit by making a qualifying score on the corresponding AP exam.

3061 AP BIOLOGY**GRADES: 11-12 CREDIT: 1.0****Prerequisite:** Biology I or Pre-AP Biology and Chemistry I. Must have passed Biology EOC. Must complete summer project.**Course Description:** An advanced second year course in biology designed to enable the student to develop advanced inquiry and reasoning skills, such as collecting and analyzing data, applying mathematical routines, and connecting concepts in and across domains. The goal is to increase the student's readiness for the study of advanced topics in subsequent college-level science courses. Key concepts encompass the core scientific principles, theories and processes governing living organisms and biological systems. Students will study evolution, cellular processes of energy and communication, genetics and information transfer, and complex interactions of biological systems. Students will prepare for the Biology AP exam given in the spring.**3071 ANATOMY & PHYSIOLOGY****GRADES: 11-12 CREDIT: 1.0****Prerequisite:** Biology I, Chemistry I**Course Description:** Comprehensive study of anatomy and physiology of the human body including a survey of histology, general anatomical terminology, and detailed investigation of the various body systems, with major mammalian dissection. Dissection in 6th 6 weeks of cat (feline). Must participate in dissection labs.**3073 FORENSIC SCIENCE****GRADES: 11-12 CREDIT: 1.0****Prerequisites:** Successful completion of Biology and Chemistry**Course Description:** This course uses a structured and scientific approach to the investigation of crimes and the psychology of criminal behavior. Students will learn terminology and explore principles of anthropology relevant to forensic science. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint analysis, ballistics, and blood spatter analysis. In addition, students will learn the history, legal aspects, and career options for forensic science. This course satisfies requirements for a fourth year laboratory science for both the Recommended and Distinguished Achievement Program or may be taken as an elective if above listed prerequisites are met.**3072 MEDICAL MICROBIOLOGY****GRADES: 11-12 CREDIT: 1.0****Prerequisites:** Successful completion of Biology and Chemistry**Course Description:** Students in this course explore the microbial world, studying topics such as pathogenic and non-pathogenic microorganisms, laboratory procedures, identifying microorganisms, drug-resistant organisms, and emerging diseases. Students will also examine infectious diseases and their effect on the human body systems. In addition, students will develop a working knowledge of medical terminology as it related to the health care industry. This course satisfies requirements for a fourth year laboratory science for both the Recommended and Distinguished Achievement Program or may be taken as an elective if above listed prerequisites are met.**3075 SCIENTIFIC RESEARCH & DESIGN****GRADES: 11-12 CREDIT: 1.0****Prerequisites:** One unit of high school science**Course Description:** Students in this course will distinguish between scientific decision-making methods and ethical and social decisions that involve science. Students should analyze a system in terms of its components and how these components relate to each, the whole, and the external environment. Students will conduct laboratory and field investigations using safe, environmentally appropriate, and ethical practices. These investigations must involve actively obtaining and analyzing data with physical equipment as well as field observations that extend beyond the classroom. To receive credit in science, students must meet the 40% of laboratory and fieldwork requirement.

4011 WORLD GEOGRAPHY**GRADES: 9-10****CREDIT: 1.0****Prerequisite:** None

Course Description: Discover your world through an investigation of physical and human geography. Use geographic concepts to study specific nations and regions of the world. Emphasis is on understanding interactions between humans and their environment.

4021 WORLD HISTORY**GRADES: 9-10****CREDIT: 1.0****Prerequisite:** None

Course Description: History and development of a variety of world cultures, past and present. Provides basis for comparison of various ways of life and cultural patterns and understanding of how these patterns occurred over time.

4024 WORLD HISTORY PRE AP**GRADES: 9-10****CREDIT: 1.0**

Prerequisite: Final grade of 85 in World Geography/8th grade US History.. Must maintain six weeks average of 70 or above. Failing grade will result in automatic removal to the equivalent regular course.

Course Description: In-depth study of World History from 10,000 BC to Today. Explore the causes and results of changes in sociological and political structure throughout the world.

4031 U.S. HISTORY**GRADES: 11****CREDIT: 1.0****Prerequisite:** None

Course Description: Study significant people, issues, and events beginning with the period of Reconstruction, including present-day issues that have roots in the past.

4038 M/W DUAL CREDIT U. S. HISTORY 1301**4039 T/R****GRADES: 11****CREDIT: .5 FALL**

Prerequisite: GPA of 3.0 at end of sophomore year. Must complete all admission requirements for Blinn, including, a passing mark on the Reading section on the TSI Assessment and payment of semester tuition.

Course Description: A survey of United States History that begins with the migrations of people to the western hemisphere and continues through the Civil War and Reconstruction Period. The course focuses on the periods of discovery, colonization, revolution, and nation building. Material presented covers a wide variety of topics, encompassing social, cultural, intellectual, military, and political history. College credit: Three semester hours.

4046 M/W DUAL CREDIT U. S. HISTORY 1302**4045 T/R****GRADES: 11****CREDIT: .5 SPRING**

Prerequisite: GPA of 3.0 at end of sophomore year. Must complete all admission requirements for Blinn, including, a passing mark on the Reading section on the TSI Assessment and payment of semester tuition.

Course Description: A survey of United States History from 1877 to the present. The course covers industrial, social, and political problems from 1877 to the emergence of the United States as a world power in the twentieth century. Material presented covers a wide variety of topics including the Gilded Age, the Progressive Period, World War I, the Depression and the New Deal, World War II, the Cold War, and contemporary events. College credit: Three semester hours.

4050 U.S. GOVERNMENT**GRADES: 12****CREDIT: .5 FALL****Prerequisite:** Senior standing

Course Description: Examines political heritage, comparative political systems, the Constitution, civil liberties and civil rights, the three branches of government, Texas and local government, law and criminal procedures, political parties, campaigns, and the responsibilities of citizenship.

4052 M/W DUAL CREDIT AMERICAN GOVERNMENT 2305**4053 T/R****GRADES: 12****CREDIT: .5 FALL**

Prerequisite: GPA of 3.0 at end of junior year. Earn passing mark on the Reading section of the TSI Assessment. Must complete all admission requirements for Blinn, including payment of tuition by deadline.

Course Description: A study of the organization, functions, and administration of the several branches and agencies of the national government, including a study of the federal constitution. The primary factors considered relate to the three branches of government – judicial, executive, legislative – major historical documents, the events that shaped the nation, and current events. College credit: Three semester hours.

4051 ECONOMICS**GRADES: 12****CREDIT: .5 SPRING****Prerequisite:** Senior standing

Course Description: General understanding of U.S. economic activities and a realization of the basic differences among capitalism, socialism, and communism. Recognition that “free enterprise” involves business activities as influenced by U.S. ideals of democratic government, laws, customs, and institutions. Students will become familiar with basic economic terms.

4054 M/W DUAL CREDIT PSYCHOLOGY 2301**4055 T/R****GRADES: 11-12****CREDIT: .5 FALL or SPRING**

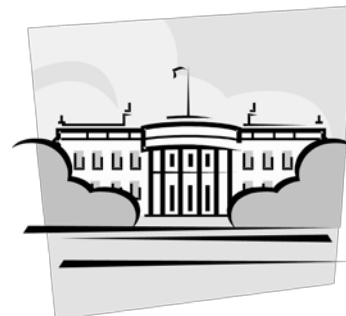
Prerequisite: GPA of 3.0 at end of junior year. Earn passing mark on the Reading section of the TSI Assessment. Must complete all admission requirements for Blinn, including payment of tuition by deadline.

Course Description: General Psychology is a survey of the major psychological topics, theories, and approaches to the scientific study of behavior and mental processes.

4056 M/W DUAL CREDIT SOCIOLOGY 1301**GRADES: 11-12****CREDIT: .5 FALL or SPRING**

Prerequisite: GPA of 3.0 at end of junior year. Earn passing mark on the Reading section of the TSI Assessment. Must complete all admission requirements for Blinn, including payment of tuition by deadline.

Course Description: The scientific study of human society, including ways in which groups, social institutions, and individuals affect each other. Causes of social stability and social change are explored through the application of various theoretical perspectives, key concepts, and related research methods of sociology. Analysis of social issues in their institutional context may include topics such as social stratification, gender, race/ethnicity, and deviance.



4511 SPANISH I**GRADES: 9-12 CREDIT: 1.0****Prerequisite:** None**Course Description:** Introduction to Spanish language, people, culture, history, and geography with emphasis on the language skills, listening comprehension, speaking, reading and writing.**4521 SPANISH II****GRADES: 10-12 CREDIT: 1.0****Prerequisite:** Spanish I or instructor approval**Course Description:** Review and further development of basic skills. Reading and writing activities increased. Culture, history, and geography of Spanish speaking countries integrated into the curriculum.**4531 SPANISH III****GRADES: 11-12 CREDIT: 1.0****Prerequisite:** Spanish II or instructor approval**Course Description:** Includes advanced grammar, as well as longer, more difficult reading selections including plays, short stories, and poetry. Numerous opportunities will be provided to hear native speakers and to improve speaking and listening skills. Spanish III will be offered. A waiting list will be taken for Spanish IV.**4611 LATIN I****GRADES: 9-12 CREDIT: 1.0****Prerequisite:** None**Course Description:** Introduction to language and culture with emphasis on reading, translation and grammar skills. Training in accuracy, application, memory, and reasoning. Knowledge of the history and culture of the Roman people with enrich the student's mind and thought process.**4621 LATIN II****GRADES: 10-12 CREDIT: 1.0****Prerequisite:** Latin I or instructor approval**Course Description:** Further development of grammar, including introduction of subjunctive, skills in reading, and ability to translate. Students continue their study of Roman history and culture.**4631 LATIN III****GRADES: 11-12 CREDIT: 1.0****Prerequisite:** Latin II**Course Description:** Reading from Pliny, Catullus, Martial, Phaedrus, Petronius, Horace, and the Vulgate. Review of grammar, culture, and derivatives. Students may sign up for Latin III. A waiting list will be taken for Latin IV.**5711 ART I****GRADES: 9-12 CREDIT: 1.0****Prerequisite:** None**Course Description:** Students will have opportunities to experience a wide variety of different media such as drawing, painting, printmaking, sculpture, ceramics, and other crafts. Limited class size. May require lab fee to offset costs of art supplies and equipment.**5721/5731/5741 ART II/III/IV****GRADES: 10-12 CREDIT: 1.0 per course****Prerequisite:** Successful completion of full credit of Art I. Must demonstrate a command of the elements and principles of art by submitting a portfolio with six works of art from the previous year.**Course Description:** Students will have an opportunity to focus on at least two or more different media with focus on various materials or styles within drawing, painting, printmaking, sculpture, ceramics, or other crafts. Limited class size. May require lab fee to offset costs of art supplies and equipment.**5811/5821/5831/5841 THEATRE ARTS I/II/III/IV****GRADES: 9-12 CREDIT: 1.0****Prerequisite:** Successful completion of a full credit of Theater Arts I for Theater Arts II, III, and IV.**Course Description:** Study of acting concepts and skills, theatre production, stage design and costumes. Students will develop an appreciation of theatrical events in a production setting. Lab fee may be required to offset costs of theatrical supplies and equipment.**5891/5901/5911/5921 THEATRE PRODUCTION I/II/III/IV****GRADES: 10-12 CREDIT: 1.0****Prerequisite:** Successful completion of a full credit of Theater Arts I for Theater Arts II, III, and IV. Audition required**Course Description:** Provides a laboratory learning experience for the exploration, development, and synthesis of the elements and components of theatre through production activities. Participation in Fall Production, UIL One Act Play, and possible Spring Production is a requirement.**5851/5861/5871/5881 TECHNICAL THEATRE I/II/III/IV****GRADES: 9-12 CREDIT: 1.0****Prerequisite:** None**Course Description:** This course deals with an introduction to, and application of, stage craft.**5511/5521/5531/5541 BAND I-IV****GRADES: 9-12 CREDIT: 1.0 per course****Prerequisite:** None**Course Description:** Opportunities to gain knowledge in instrumental technique, music theory, music history, critical listening, creative listening, self-discipline, and citizenship through a variety of performance settings. The band will practice outside of regular school hours. One half credit P. E. waiver is granted for each fall semester for marching band. After school rehearsals and/or sectionals may continue throughout the concert season. Student attendance is required for all performances and rehearsals. Summer marching band practice is also required.**5551 APPLIED MUSIC I****5561 APPLIED MUSIC II****GRADES: 9-12 CREDIT: .5 FALL or SPRING****Prerequisite:** Director Approval. Performance based course designed for students to work individually and as small groups on music and technical development. It will give students an opportunity to work on music for all-region, all-area, and all-state auditions, as well as solo and ensemble competition.**5751 DUAL CREDIT ART APPRECIATION 1301****GRADES: 11-12 CREDIT: .5 SPRING****Course Description:** A general introduction to the visual arts design to create an appreciation of the vocabulary, media, techniques, and purposes of the creative process. Students will critically interpret and evaluate works of art within formal, cultural and historical contexts.**5581 DUAL CREDIT MUSIC APPRECIATION 1306****GRADES: 11-12 CREDIT: .5 SPRING****Course Description:** Understanding music through the study of cultural periods, major composers, and musical elements. Illustrated with audio recordings and live performances. (does not apply to college music major degree)

FOUNDATIONS OF PERSONAL FITNESS**5002 Girls****5003 Boys****GRADES: 9-12****CREDIT: .5 SPRING****Prerequisite:** None

Course Description: In this one-semester classroom course, students will be introduced to a range of knowledge and skills that will enable them to understand the importance of an active lifestyle. Students will design appropriate and effective personal fitness programs using the scientific principles of overload, specificity and progression, as well as the health related components of fitness: cardiorespiratory endurance, muscular strength and endurance, flexibility, and body composition. In addition, students will participate in a variety of movement labs to improve and assess their changes in personal fitness.

INDIVIDUAL SPORTS**5001 Girls****5004 Boys****GRADES: 9-12****CREDIT: .5 FALL****Prerequisite:** None

Course Description: This course is designed to develop an interest in physical fitness, as well as an appreciation of the skills, knowledge, technique and sportsmanship involving lifetime and team sports as a participant and spectator. The daily curriculum will encourage students to work toward achieving a basic level of fitness and wellness and a beginning or intermediate level of skill in each sport or activity. Knowledge that supports lifetime fitness and wellness is the primary goal in this course.

5211 DRILL TEAM I**GRADES: 9****CREDIT: 1.0****Prerequisite:** Audition

Course Description: By audition only, the dance/drill team studies a variety of modern dance, ballet, tap, and jazz. The students perform at specified school and community events. For further information, see the dance instructor or counselor

5221/5231/5241**DANCE TEAM II-IV****GRADES: 10-12****CREDIT: 1.0 per course****Prerequisite:** Audition. Must be a current Brahmadora.

Course Description: By audition only, the dance/drill team studies a variety of modern dance, ballet, tap, and jazz. The students perform at specified school and community events. For further information, see the dance instructor or counselor.

5011/5021/5031/5041 Girls**ATHLETICS I-IV****5111/5121/5131/5141 Boys****GRADES: 9-12****CREDIT: 1.0 per course****Prerequisite:** AD and/or Head Coach approval. Students will try out for individual sports.

Course Description: Girl's and Boy's athletic programs involve extra-curricular team competition. Extra practices before and/or after school is mandated by the BHS coaching staff. Male athletes interested in playing football, basketball, or baseball may be required to be scheduled into the athletic period. Female athletes interested in playing volleyball, basketball, or softball may be required to be scheduled into the athletic period.

1500 PROFESSIONAL COMMUNICATION**GRADES: 11-12****CREDIT: .5 FALL or SPRING****Prerequisite:** None.

Course Description: Designed for those students at a beginning level. Speaking situations are designed with group and one-to-one style presentations. Focus on basic communication skills such as listening techniques, nonverbal communication, attire, job speaking requirements, group participation, understanding the role of speech in society. Students who experience stage fright or are inexperienced in speaking will find this course suitable to their needs.

1541/1551/1561**YEARBOOK PRODUCTION 1/2/3****GRADES: 10-12****CREDIT: 1.0 per course****Prerequisite:** Must apply and obtain two teacher recommendations and administrative approval.

Course Description: Elements and processes of the magazine type journalistic products through experience in yearbook production. Required ability to assume responsibility and work independently.

1580**JOURNALISM****GRADES: 9-12****CREDIT: .5 FALL or SPRING****Prerequisite:** None

Course Description: Students enrolled in Journalism write in a variety of forms for a variety of audiences and purposes. Students are expected to plan, draft, and complete written compositions on a regular basis, carefully examining their papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English. Students will become analytical consumers of media and technology to enhance their communication skills. Published work of professional journalists, technology, and visual and electronic media are used as tools for learning as students create, clarify, critique, write, and produce effective communications. Students enrolled in Journalism will learn journalistic traditions, research self-selected topics, write journalistic texts, and learn the principles of publishing.

1012**SAT / ACT PREP****GRADES: 11-12****CREDIT: .5 FALL or SPRING****Prerequisite:** None

Course Description: This is a self-paced, web-based course designed to prepare the students for the SAT and ACT. Recommended for the Spring of their Junior year or Fall of their Senior Year. This is a local credit only.

1550 DUAL CREDIT SPEECH COMMUNICATION 1311**GRADE: 11-12****CREDIT: .5 SPRING**

Course Description: Introduces basic human communication principles and theories embedded in a variety of contexts including interpersonal, small group, and public speaking.



6011 PRINCIPLES OF AGRICULTURE, FOOD & NATURAL RESOURCES

GRADES: 9-12

CREDIT: 1.0

Prerequisite: None

Course Description: This is a comprehensive course designed to introduce beginning students to the diversity of agriculture across the globe. Students will expand their leadership and communication skills while furthering their knowledge of agriculture effects on our world. The class will also focus on the elements of the FFA and a basic study of soils, plants, and various livestock species, as well as introduce agriculture construction and food science.

6021 AGRICULTURAL PROFESSIONAL COMMUNICATIONS

GRADES: 10-12

CREDIT: .5 FALL (Satisfies

speech requirement)

Prerequisite: Principles of Agriculture, Food & Natural Resources

Course Description: This is a comprehensive course designed to develop appropriate visual, written, and oral communication techniques within the agricultural environment. Focus is on basic skills of speech writing and delivery; including group and individual presentation, nonverbal communication, attire and presentation, and the use of new technologies. Students are required to prepare presentations for agriculture leadership development events.

6022 ENTREPRENEURSHIP

GRADES: 10-12

CREDIT: .5 SPRING

Prerequisite: Principles of Agriculture, Food & Natural Resources

Course Description: Students will develop an understanding of business ownership, as well as evaluate product and service strategies, demonstrate business records management, and identify human resource skills. Students will continue development of communication skills in preparation for agriculture career development events.

6031 PROFESSIONAL STANDARDS IN AGRIBUSINESS

GRADES: 11-12

CREDIT: 1.0

Prerequisite: Principles of Agriculture, Food & Natural Resources

Course Description: This is a comprehensive course designed to develop knowledge related to agriculture leadership, citizenship and cooperation. Students will acquire skills related to personal development, employee/employer relations, and group and individual interpersonal communication skills such as public speaking and parliamentary procedure.

6041 AGRIBUSINESS MANAGEMENT AND MARKETING

GRADES: 12

CREDIT: 1.0

Prerequisite: Principles of Agriculture, Food & Natural Resources

Course Description: Students will continue development of leadership and communication skills, as well as career development skills. Students will identify appropriate work habits, demonstrate record-keeping skills, and analyze decision-making methods, as well as investigate career opportunities within the agribusiness field.

6131 FLORAL DESIGN

GRADES: 10-12

CREDIT: 1.0 (Satisfies Fine Arts

requirement)

Prerequisite: None

Course Description: Students will identify design principles and techniques in floral art and interiorscapes through the use of silk and cut flowers in preparing corsages, boutonnières, and floral designs for specific occasions. In addition, students will learn to make informed judgments and evaluations about their personal designs, as well as the creations of peers and others. Through the analysis of artistic floral styles and historic periods, students develop respect for the traditions and contributions of diverse cultures. May require lab fee to offset costs of supplies.

6132 LANDSCAPE DESIGN AND TURF MANAGEMENT

GRADES: 10-12

CREDIT: 1.0

Prerequisite: None

Course Description: Students will assess soil characteristics and environmental conditions prior to planting. In addition, students will identify and install plants, structures, and grasses used in turf management and landscape design. Sites will be prepared for sodding or seeding and services for maintenance will be performed including mowing, renovating, fertilizing, pesticide application, weed control, and watering.

6121 HORTICULTURE SCIENCE

GRADES: 10-12

CREDIT: 1.0

Prerequisite: None

Course Description: Students will use proper tools and equipment in the management and production of horticulture plants including landscape products, as well as those plants used in fruit, nut, and vegetable production. In addition, students will learn methods to control common pests and develop marketing and management skills of horticulture products.

6071 WILDLIFE, FISHERIES & ECOLOGY MANAGEMENT

GRADES: 10-12

CREDIT: 1.0

Prerequisite: None

Course Description: In this technical course, students examine the management of game and non-game wildlife species, fish, and aqua crops and their ecological needs as related to current agricultural practices. In addition, students will investigate hunting and fishing/boating safety standards.

6111 EQUINE & LIVESTOCK PRODUCTION

GRADES: 10-12

CREDIT: 1.0

Prerequisite: None

Course Description: Students will learn about the impact the horse industry and livestock production has on the global economy. Topics include careers in the equine science and livestock industry, horse and livestock management, nutrition, genetics, reproduction, and common diseases and pests of horses, cattle, swine, sheep, goats, and poultry.

6112 VETERINARY MEDICAL APPLICATIONS

GRADES: 11-12

CREDIT: 1.0

Prerequisite: Equine & Livestock Production

Course Description: Students will be introduced to the areas of animal management, including clinical examination, imaging, surgical-assisting, pharmacology and animal nutrition. In addition, students will gain a working knowledge of body systems and the effects of animal diseases and parasites. Students will learn medical terminology as it relates to animal health and research current topics in veterinary medicine management.

6051 FOOD TECHNOLOGY AND SAFETY

GRADES: 10-12

CREDIT: 1.0

Prerequisite: None

Course Description: Students will learn food sanitation and safety guidelines, including industry inspection standards and governmental regulations in the processing and labeling of food products. The nutritive value of food will be investigated, as well as research trends in food production, world consumption, and food science industry. Students will have the opportunity to make various food products within the class.

6052 FOOD PROCESSING

GRADES: 10-12

CREDIT: 1.0

Prerequisite: None

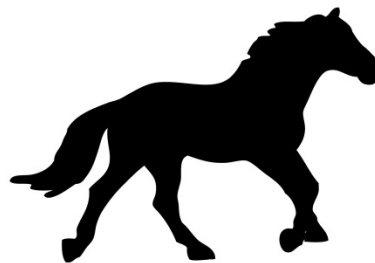
Course Description: This course focuses on the food processing industry with special emphasis on the handling, processing, and marketing of food products. Quality control, consumer satisfaction, and employability issues will be addressed. Students will also have the opportunity to make various food products within the class.

6151 AGRICULTURAL MECHANICS & METAL TECHNOLOGIES

GRADES: 10-12 CREDIT: 1.0

Prerequisite: None

Course Description: This course is designed to familiarize students with knowledge and skills related to agricultural mechanics systems and the work place. Proper safety techniques are an integral part of this course. Topics include tool identification and operation, carpentry, electricity, plumbing, masonry, fence building, painting, metal working, and welding.



6176 EQUINE SCIENCE

GRADES; 10-12 CREDIT: 1.0

Prerequisite: None

Course Description: To be prepared for careers in the field of animal science, students need to; enhance academic knowledge and skills, acquire knowledge and skills related to animal science systems, develop knowledge and skills regarding career opportunities, entry requirements and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply and transfer their knowledge and skills in a variety of settings. Suggested animals which may be included in the occurs , but not limited to, are horses, donkeys and mules.

6175 SMALL ANIMAL MANAGEMENT

GRADES: 10-12 CREDIT: 1.0

Prerequisite: None

Course Description: To be prepared for careers in the field of animal science, students need to; enhance academic knowledge and skills, acquire knowledge and skills related to animal systems, develop knowledge and skills regarding career opportunities, entry requirements and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills in a variety of settings. Suggested small animals which may be included in the course of study, but not limited to, are small mammals, amphibians, reptiles, avian, dogs and cats.

6171 AGRICULTURAL POWER SYSTEMS

GRADES: 11-12 CREDIT: 1.0

Prerequisite: Ag Mechanics & Metal Technologies

Course Description: This technical course is designed for students to develop an understanding of small and large power systems and machinery within the agricultural industry. Focus will be on proper tool identification and selection for given task, maintenance and operation of small engines, and maintenance and operation of tractors and other agricultural equipment. In addition, students may earn Level One Welding Certificate.



6162 AGRICULTURAL FACILITIES DESIGN & FABRICATION

GRADES: 12 CREDIT: 2.0

Prerequisite: Ag Power Systems

Course Description: In this technical course, students will maintain, evaluate, design, and build agricultural structures using approved construction techniques, including metal equipment assembly and joining processes (welding). Proper safety techniques are emphasized at all times. In addition, students will be preparing for career in mechanized agricultural systems by learning characteristics of a successful employee in the workplace. Students who enroll receive the educational certification to prepare for Welding Certification. See a counselor or administrator for more information.

6181/6191 PRACTICUM IN AGRICULTURE, FOOD & NATURAL RESOURCES I / II

GRADES: 11-12 CREDIT: 3.0

Prerequisite: Application Process

Course Description: Students learn employability characteristics of a successful worker, demonstrate verbal and nonverbal communication skills, and practice productivity skills. Students are prepared for gainful employment through on-the-job training and related classroom instruction. Students must maintain employment throughout year for full credit.

6501 GRAPHIC DESIGN & ILLUSTRATION**GRADES: 9-10 CREDIT: 1.0****Prerequisite:** None

Course Description: This introductory course will cover all aspects of the visual communications field. Students will use CS6-the same programs as design professionals while learning design and color theory and the application of these principles to the industry. Projects will include print publications such as logos, advertising and business design, text editing, and pre-press skills. Students will learn computer graphic drawing techniques for the web, as well as 3D design in Adobe Illustrator and Photoshop.

6513 DIGITAL ART & ANIMATION**GRADES: 10-12 CREDIT: 1.0 (SATIFIES FINE ARTS REQUIREMENT)****Prerequisite:** Graphic Design Preferred

Course Description: Digital Art and Animation consists of computer images and animations created with digital imaging software. Digital Art and Animation has applications in many careers, including graphic design, advertising, web design, animation, corporate communications, illustration, character development, script writing, storyboarding, directing, producing, inking, project management, editing, and the magazine, television, film, and game industries. Students in this course will produce various real-world projects and animations. Students will use CS6 Flash and Photoshop.

6514 3-D MODELING & ANIMATION**GRADES: 11-12 CREDIT: 1.0 (SATIFIES FINE ARTS REQUIREMENT)****Prerequisite:** Graphic Design /Animation

Course Description: 3-D Modeling and Animation consists of computer images created in a virtual three-dimensional (3-D) environment. 3-D Modeling and Animation has applications in many careers, including criminal justice, crime scene, and legal applications; construction and architecture; engineering and design; and the movie and game industries. Students in this course will produce various 3-D models of real-world objects.

6222 WEB TECHNOLOGIES**GRADES: 10-12 CREDIT: .5 FALL or SPRING****Prerequisite:** Keyboarding proficiency

Course Description: This hands-on computer course will develop the student's understanding and skills in creating and modifying web page designs. Students will demonstrate the use of HTML, extensible Hyper Text Markup Language, and cascading style sheets using project-based activities. Topics of design and layout, typography, and use of animation in web sites are covered. Students will use the same programs as current design professionals in the visual communications industry.

6502 PRINCIPLES OF ARTS, AV TECH, AND COMMUNICATION**GRADES: 9-10 CREDIT: .5****Prerequisite:** None

Course Description: In this course, students will learn the equipment and techniques used in capturing digital video for use in product demonstration and promotion. Computer software is applied in the editing process. Students will learn cinematography techniques. This is a project-based course.

6203 PRINCIPLES OF INFORMATION TECHNOLOGY / KEYBOARDING**GRADES: 9-12 CREDIT: .5 FALL or SPRING****Prerequisite:** None

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

6515 COMPUTER SCIENCE I**GRADES: 11-12 CREDIT: 1.0****Prerequisite:** Concurrent enrollment in Algebra 2 or higher

Course Description: Computer Science I is an introduction to computer science with the beginning topics that include problem solving, program design strategies and methodologies, data structures, algorithms, solution analysis, and the ethical and social implications of computing. The programming language, JAVA, will be used to facilitate object oriented and imperative problem-solving design. Students will begin with small, simple programs and scale up to larger, more complex programs. This course will provide a solid foundation for further study in computer science.

6201 PRINCIPLES OF BUSINESS, MARKETING, AND FINANCE**GRADES: 9-12 CREDIT: .5 FALL or SPRING****Prerequisite:** None

Course Description: Students gain knowledge and skills in economics and private enterprise systems, the impact of global business, marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems and settings in business, marketing, and finance.

6211 BUSINESS INFORMATION MANAGEMENT**GRADES: 10-12 CREDIT: 1.0****Prerequisite:** Keyboarding proficiency recommended

Course Description: This hands-on computer course will further develop technology skills for use in school projects and in the future workplace. Skills learned will a lifetime for a student no matter what career path is chosen. BIM focuses on work processing and the creation of spreadsheets, charts, databases, and other school and business documents. Students will create engaging multimedia presentations for school and business situations. Other projects include: colorful brochures, newsletters, photo cubes, MLA Style Reports, Excel Married with Children budget, and various PowerPoint presentations.

6242 ADVERTISING**GRADES: 10-12 CREDIT: .5 FALL****Prerequisite:** None

Course Description: Advertising is designed as an introduction to the principles and practice of advertising. Students will gain knowledge of techniques used in current advertising, which include; print, broadcast and digital media. The exploration of the social, cultural, ethical, legal issues of advertising, historical influences, strategies, media decision processes as well as integrated marketing communications, and careers in advertising and sales promotion. The course provides an overview of how communication tools can be used to reach target audiences and increase consumer knowledge.

6241 SPORTS & ENTERTAINMENT MARKETING**GRADES: 10-12 CREDIT: .5****Prerequisite:** None

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

6212 SOCIAL MEDIA MARKETING**GRADES : 11-12 CREDIT: .5****Prerequisite:** None

Course Description: Social Media Marketing is designed to look at the rise of social media and how marketers are integrating social media tools in their overall marketing strategy. The course will investigate how the marketing community measures success in the new world of social media. Students will manage a successful social media presence for an organization, understanding techniques for gaining customer and consumer buy-in to achieve marketing goals, and properly select social media platforms to engage consumers and monitor and measure the results of these efforts.

6243 FASHION MARKETING**GRADES: 10-12 CREDIT: .5****Prerequisite:** None

Course Description: This class will study the cutting-edge technology that is moving the apparel industry forward at a fast pace. Students will discuss trends such as casual workplace dressing, changing consumer desires such as the combination of entertainment within the shopping experience, and the customization of garments. Students will develop an understanding of how merchandise is purchased for retail stores and investigate the future of fashion careers.

6244 RETAILING & E-TAILING**GRADES: 10-12 CREDIT: .5 SPRING****Prerequisite:** None

Course Description: Students will develop skills that involve electronic media techniques necessary for a business to compete in a global economy. Students will discuss the use of internet as a marketing tool and identify ethical, legal, and security aspects involved. Students will demonstrate critical-thinking skills used in decision-making models, case studies, various technologies, and business scenarios.

6261/6271 CAREER PREPARATION I/II**GRADES: 11-12 CREDIT: 2.0****Prerequisite:** Completed application and instructor approval

Course Description: This course is occupationally-specific, which means that credit is earned through a combination of classroom instruction and on-the-job training. Students will learn employability characteristics of a successful worker, demonstrate verbal and nonverbal communication skills, and practice productivity skills. Students must maintain gainful employment to earn full credit for this course.

6252 BUSINESS MANAGEMENT**GRADES: 11-12 CREDIT: 1.0****Prerequisite:** Completed application, administrator approval

Course Description: Business management is designed to familiarize students with the concepts related to business as well as the functions of management, including planning, organizing, staffing, leading and controlling. Students will also demonstrate interpersonal and project-management skills while supporting school personnel in different areas of the school.

6703 ENERGY, POWER, & TRANSPORTATION SYSTEMS**GRADES: 9 CREDIT: 1.0****Prerequisites:** None

Course Description: This class is designed to provide training in the safe use of hand and power tools and equipment used in maintenance and repair of engines. Students will learn about various inspections to maintain compliance with safety regulations. Students will practice communication skills to use with customers and complete invoice and work orders. In addition, student will identify appropriate work habits, employability characteristics, and trends in employment within the automotive industry.

6702 SMALL ENGINE TECHNOLOGY**GRADES: 10 CREDIT: 1.0****Prerequisites:** None

Course Description: This class is designed to provide training for entry-level employment in the small engine technology industry. Students will focus on the function, diagnosis, and service of the systems and components of all types of small engines such as lawn mowers, motorcycle, and irrigation engines. Instruction includes the repair and service of cooling, air, fuel, lubricating, electrical, ignition, and mechanical systems and small engine overhauls. In addition, students will receive instruction in safety, academic and leadership skills, as well as learn about career opportunities within the automotive industry.

6711 AUTOMOTIVE TECHNOLOGY**GRADES: 11 CREDIT: 2.0****Prerequisites:** None

Course Description: Pre-employment program offered to students 16 years of age or older. Students must pass comprehensive safety test in order to be allowed into the shop/lab area for training. Along with classroom instruction, students will be given the opportunity to work on live automotive projects. First year instruction emphasizes use of repair manuals, service and/or repair of basic automotive components: fuel systems, engines, emission controls, power trains, chasses, electrical systems, brakes, heating and air conditioning. Also, students will learn proper handling and disposal of environmentally-hazardous materials when servicing vehicles.

6721 ADVANCED AUTOMOTIVE TECHNOLOGY**GRADES: 12 CREDIT: 2.0****Prerequisites:** Successful completion of Automotive Technology-Year 1

Course Description: Students must pass comprehensive safety test in order to be allowed into the shop/lab area for training. Along with classroom instruction, students will be given the opportunity to work on live automotive projects. Second year instruction will continue building knowledge base of automotive components and is designed to enhance job-specific training for employment in automotive engine repair and service career field. Students will complete repair orders and related paperwork, as well as learn how to estimate parts and labor costs.

6300 PRINCIPLES OF HUMAN SERVICES**GRADES: 8-12 CREDIT: 1.0****Prerequisite:** None**Course Description:** This course will enable students to investigate personal development, counseling and mental health, early childhood development, family and community functions and responsibilities, and personal care services.

Decision-making and communication skills will be practiced. Other topics will include crises and stress, domestic and relationship violence, basic human safety needs, guidance techniques, child abuse, nutrition and dietary practices and substance abuse. Future trends of human services careers will be discussed, as well as licensing/certifications and the effect of media and technology on the workplace.

6311 CHILD DEVELOPMENT**GRADES: 10-12 CREDIT: 1.0****Prerequisite:** None**Course Description:** Students will develop skills related to human growth and healthy development of children from prenatal stage through the school-age child. Roles and responsibilities of parenting are also analyzed. Careers related to the care and education of children will be investigated.**6302 LIFETIME NUTRITION & WELLNESS****GRADES: 10-12 CREDIT: .5 FALL or SPRING****Prerequisite:** None**Course Description:** The content of this laboratory course includes the study of nutrition, diet, food safety and sanitation, food preparation, and healthy work habits. Cultural influences, management techniques, and career in food and nutrition occupations will also be investigated.**6321 INSTRUCTIONAL PRACTICE IN EDUCATION AND TRAINING****GRADES: 11-12 CREDIT: 1.0****Prerequisite:** Child Development. Selected through application process and administrative approval**Course Description:** This program, also known as PALS, trains high school students to work with younger students at feeder campuses and serve as peer helpers and teacher assistants. Training involves activities in group dynamics, self-awareness, behavior, communication, and decision making. Additional course topics involve issues related to children and teenagers including:

- Character development
- Substance abuse
- Depression
- Abuse
- Eating disorders
- Special needs students
- Gangs
- Sexually-related issues
- Crisis management

6231 CHILD GUIDANCE**GRADES: 11-12 CREDIT: 2.0****Prerequisite:** Child Development & PALS. Selected through application process and administrative approval**Course Description:** This curriculum is designed for employment training in the area of child care and guidance. Basic content is provided for career choices in this area and child care theory and practice. The course is taught using the Pre-employment lab method with internships at local day care facilities and assisting teachers at feeder campuses.**6230 DOLLARS & SENSE****GRADES: 10-12 CREDIT: .5 FALL or SPRING****Prerequisite:** None**Course Description:** Here's a course that will focus on money – how to manage it, how to handle it responsibly, how to keep track of it. Students will engage in decision-making practices in the management of individual and family resources in regards to finances, food, clothing, shelter, healthcare, recreation, transportation and time. In addition, students will learn how to maintain a bank account. The impact of media and technological advances will also be discussed. Trips to local businesses are being explored.**6261/6271 CAREER PREPARATION I/II****GRADES: 11-12 CREDIT: 3.0****Prerequisite:** Completed application and instructor approval**Course Description:** This course is occupationally-specific, which means that credit is earned through a combination of classroom instruction and on-the-job training. Students will learn employability characteristics of a successful worker, demonstrate verbal and nonverbal communication skills, and practice productivity skills. Students must maintain gainful employment to earn full credit for this course.**6900/6901 CERTIFIED NURSING ASSISTANT****GRADES: 12 CREDIT: 3.0****Prerequisite:** Completed application**Course Description:** Knowledge, skills, and abilities essential to provide basic care to residents of long-term care facilities. Topics include; residents rights, communication, safety, observation, reporting and assisting residents in maintaining basic comfort and safety. Emphasis on effective interaction with members of the health care team, restorative services, mental health and social services needed.

2017-2018 Electives

GRADE 9

+ = *Application, audition or interview required*

NUMBER	COURSE NAME	CREDIT
Academic Electives		
4511	Spanish 1	1.0
4611	Latin 1	1.0
1580	Journalism	0.5 FALL or SPRING
Fine Arts		
5711	Art 1	1.0
5811	Theatre Arts 1	1.0
5851	Technical Theatre 1	1.0
5891	+Theatre Production 1	1.0
5511	Band 1	1.0
5551	Applied Music I	1.0
Level One Career and Technical Endorsement Electives		
6011	Principles of Agriculture, Food & Natural Resources	1.0
6501	Graphic Design	1.0
6201	Principles of Business, Marketing & Finance	0.5
6300	Principles of Human Services	1.0
6703	Energy, Power & Transportation Systems	1.0
6502	Principles of Arts, A/V Tech & Communication	0.5
Other Career and Technical Electives		
6203	Principles of Information Technology / Keyboarding	0.5
Physical Education Alternatives		
5001	Individual Sports – Girls	0.5 Fall
5002	Foundations of Personal Fitness – Girls	0.5 Spring
5004	Individual Sports – Boys	0.5 Fall
5003	Foundations of Personal Fitness – Boys	0.5 Spring
5211	+Drill Team 1 – Brahmadoras	1.0
5011	+Athletics 1 – Girls	1.0
5111	+Athletics 1 – Boys	1.0

2017-2018 Electives

GRADE 10

* = *Must have successfully completed Year 1*

+ = *Application, audition or interview required*

Physical Education Alternatives

5001 Individual Sports – Girls	.5 Fall
5002 Foundations of Personal Fitness – Girls	.5 Spring
5004 Individual Sports – Boys	.5 Fall
5003 Foundations of Personal Fitness- Boys	.5 Spring
5211 +Drill Team 1 – Brahmadoras	1.0
5021 +Athletics 2 – Girls	1.0
5121 +Athletics 2 – Boys	1.0

Academic Electives

1541 +Yearbook 1	1.0
4511 Spanish 1	1.0
4521 * Spanish 2	1.0
4611 Latin 1	1.0
4621* Latin 2	1.0
1580 Journalism	0.5 Fall/Spring

Fine Arts

5711 Art 1	1.0
5721 *+Art 2	1.0
5811 Theatre Arts 1	1.0
5821 *+ Theatre Arts 2	1.0
5851 Technical Theatre	1.0
5861 *+Tech Theatre	1.0
5891 *+Theatre Production 1	1.0
5901 *+ Theatre Production 2	1.0
5511 Band 1	1.0
5521 *Band 2	1.0
5221 *+Dance 2- Brahmadoras	1.0
6513 *Digital Art & Animation	1.0
6131 Floral Design	1.0
5551 Applied Music I	1.0
5561 *Applied Music II	1.0

Career and Technical Endorsement Electives

6011 Principles of Agriculture	1.0	6501 Graphic Design	1.0
6021 *Ag Communication	.5 Fall	6502 Prin. of Arts & A/V Tech	.5
6022 *Entrepreneurship	.5 Spring	6222 Web Communications	.5
6071 Wildlife & Fisheries	1.0	6201 Principles of Business	.5
6111 Livestock Production	1.0	6203 Prin of Info Tech / Keyboarding	.5
6131 Floral Design	1.0	6211 Business Info Management	1.0
6121 Horticulture Science	1.0	6242 Advertising	.5 Fall
6051 Food Technology	1.0	6241 Sports & Entertain Marketing	.5 Spring
6151 Ag Mech & Metal	1.0	6243 Fashion Marketing	.5 Fall
6703 Energy, Power & Transportation	1.0	6244 Retailing & E-Tail	.5 Spring
6702 Small Engine Technology	1.0	6230 Dollars & Sense	.5 Fall/Spring
6176 Equine Science	1.0	6300 Principles of Human Services	1.0
6311 Child Development	1.0	6302 Nutrition & Wellness	.5 Fall/Spring
6132 Landscape Design Management	1.0		
6175 Small Animal Management	1.0		

2017-2018 Electives

GRADE 11

* = *Must have successfully completed Year 1*

+ = *Application, audition or interview required*

DC = Dual Credit Course

Physical Education Alternatives

5001 Individual Sports – Girls	.5 Fall
5002 Foundations of Personal Fitness – Girls	.5 Spring
5004 Individual Sports – Boys	.5 Fall
5003 Foundations of Personal Fitness- Boys	.5 Spring
5031 +Athletics 3 – Girls	1.0
5131 +Athletics 3 – Boys	1.0

Academic Electives

1541 +Yearbook 1	1.0
1551 *+Yearbook 2	1.0
1500 Professional Communication	.5 Fall/ Spring
4511 Spanish 1	1.0
4521 *Spanish 2	1.0
4531 *Spanish 3	1.0
4611 Latin 1	1.0
4621 *Latin 2	1.0
4631 *Latin 3	1.0
1012 SAT / ACT Prep	.5 Fall/ Spring
4054 DC MW /4055 TTH Psychology	.5 Fall/ Spring
4056 DC MW /4057 TTH Sociology	.5 Fall/ Spring
1551 DC Speech Communication 1311	.5 Spring
1580 Journalism	.5 Fall/Spring

Fine Arts

5711 Art 1	1.0
5721 *+Art 2	1.0
5731 *+ Art 3	1.0
5811 Theatre Arts 1	1.0
5821 *+ Theatre Arts 2	1.0
5831 *+ Theatre Arts 3	1.0
5851 Technical Theatre	1.0
5861 *+Tech Theatre 2	1.0
5871 *+Tech Theatre 3	1.0
5891 *+ Theatre Production 1	1.0
5901 *+ Theatre Production 2	1.0
5911 *+ Theatre Production 3	1.0
5531 *Band 3	1.0
5231 *+Dance 3- Brahmadoras	1.0
6513 *Digital Art & Animation	1.0
6514 * 3-D Modeling / Animation	1.0
6131 Floral Design	1.0
5551 Applied Music I	1.0
5561 *Applied Music II	1.0
5751 DC Art Appreciation 1301	.5 Spring
5581 DC Music Appreciation 1306	.5 Spring

Career and Technical Endorsement Electives

6011 Principles of Agriculture	1.0	6502 Principles of Arts & A/V Tech	.5
6021 *Ag Communications	.5 Fall	6222 Web Communications	.5
6022 *Entrepreneurship	.5 Spring	6201 Principles of Business	.5 Fall/ Spring
6031 * Agribusiness	1.0	6203 Prin. of Info Tech / Key	.5 Fall/Spring
6071 Wildlife & Fisheries	1.0	6211 Business Info Management	1.0
6111 Livestock Production	1.0	6242 Advertising	.5 Fall
6121 Horticulture Science	1.0	6243 Fashion Marketing	.5 Fall
6112 *Vet Medical App	1.0	6241 Sports & Entertain Marketing	.5 Spring
6131 Floral Design	1.0	6244 Retailing & E-Tail	.5 Spring
6051 Food Technology	1.0	6230 Dollars & Sense	.5 Fall/Spring
6151 Ag Mech & Metal	1.0	6515 Computer Science I	1.0
6171*Ag Power Systems	1.0	6261 + Career Prep I	3.0
		6300 Principles of Human Services	1.0
		6311 Child Development	1.0
6181+ Practicum in Ag 1	3.0	6302 Nutrition & Wellness	.5 Fall/Spring
6703 Energy, Power & Transportation	1.0	6321*+Inst. Practice in Education (PALS)	1.0
6702 Small Engine Technology	1.0	3072 *Medical Microbiology	1.0
6711 Automotive Technology	2.0	3073 * Forensic Science	1.0
		3071 * Anatomy & Physiology	1.0
3044 *Principles of Technology	1.0	6132 Landscape Design Management	1.0
6501 Graphic Design	1.0	6175 Small Animal Management	1.0
6176 Equine Science	1.0	6212 Social Media Marketing	.5

2017-2018 Electives - GRADE 12

DC = Dual Credit Course

** = Must have successfully completed Year 1*

+ = Application, audition or interview required

Physical Education Alternatives

5001 Individual Sports – Girls	.5 Fall
5002 Foundations of Personal Fitness – Girls	.5 Spring
5004 Individual Sports – Boys	.5 Fall
5003 Foundations of Personal Fitness- Boys	.5 Spring
5041 +Athletics 4 – Girls	1.0
5141 +Athletics 4 – Boys	1.0

Fine Arts

5711 Art 1	1.0
5721 *+Art 2	1.0
5731 *+ Art 3	1.0
5741 *+Art 4	1.0
5811 Theatre Arts 1	1.0
5821 *+ Theatre Arts 2	1.0
5831 *+ Theatre Arts 3	1.0
5841 *+ Theatre Arts 4	1.0
5851 Technical Theatre	1.0
5861 *+Tech Theatre 2	1.0
5871 *+Tech Theatre 3	1.0
5881 *+Tech Theatre 4	1.0
5891 *+ Theatre Production 1	1.0
5901 *+ Theatre Production 2	1.0
5911 *+ Theatre Production 3	1.0
5921 *+ Theatre Production 4	1.0
5541 *Band 4	1.0
5241 +Dance 4- Brahmadoras	1.0
6513 *Digital Art & Animation	1.0
6514 * 3-D Modeling / Animation	1.0
6131 Floral Design	1.0
5551 Applied Music I	1.0
5561 *Applied Music II	1.0
5751 DC Art Appreciation 1301	.5 Spring
5581 DC Music Appreciation 1306	.5 Spring

Academic Electives

1541 +Yearbook 1	1.0
1551 *+Yearbook 2	1.0
1561 *+Yearbook 3	1.0
1500 Professional Communication	.5 Fall/ Spring
4521 *Spanish 2	1.0
4531 *Spanish 3	1.0
4621 *Latin 2	1.0
4631 *Latin 3	1.0
1012 SAT / ACT Prep	.5 Fall/ Spring
4054 DC MW /4055 TTH Psychology	.5 Fall/ Spring
4056 DC MW/ 4057 TTH Sociology	.5 Fall/ Spring
1550 DC Speech Communication 1311	.5 Spring
1580 Journalism	.5 Fall/ Spring

Career and Technical Endorsement Electives

6011 Principles of Agriculture	1.0	6501 Graphic Design	1.0
6021 *Ag Communications	.5 Fall	6502 Principles of Arts & A/V Tech	.5
6022 *Entrepreneurship	.5 Spring	6222 Web Communications	.5
6031 * Agribusiness	1.0	6201 Principles of Business	.5 Fall/ Spring
6071 Wildlife & Fisheries	1.0	6203 Prin. of Info Tech / Key	.5 Fall/Spring
6111 Livestock Production	1.0	6211 Business Info Management	1.0
6112 *Vet Medical App	1.0	6515 Computer Science I	1.0
6131 Floral Design	1.0	6242 Advertising	.5 Fall
6121 Horticulture Science	1.0	6241 Sports & Entertain Marketing	.5 Spring
6051 Food Technology	1.0	6243 Fashion Marketing	.5 Fall
6151 Ag Mech & Metal	1.0	6244 Retailing & E-Tail	.5 Spring
6171*Ag Power Systems	1.0	6230 Dollars & Sense	.5 Fall/Spring
6162* Ag Fabrication	2.0	6261 + Career Prep I	3.0
(with Welding Certification)		6271 + Career Prep 2	3.0
6181+ Practicum in Ag 1	3.0	6300 Principles of Human Services	1.0
6191+ Practicum in Ag 2	3.0	6302 Nutrition & Wellness	.5 Fall/Spring
6702 Small Engine Technology	1.0	6311 Child Development	1.0
6703 Energy, Power & Transportation	1.0	6321+Inst. Practice in Education (PALS)	1.0
6711 Automotive Technology	2.0	6331+Child Guidance	2.0
6721 *Advanced Auto Tech	2.0	3044 *Principles of Technology	1.0
3073 * Forensic Science	1.0	3072 *Medical Microbiology	1.0
3071 * Anatomy & Physiology	1.0	6900/6901 DC Certified Nursing Assistant (Blinn)	3.0
6132 Landscape Design Management	1.0	6176 Equine Science	1.0
6175 Small Animal Management	1.0	6212 Social Media Marketing	.5
6252 Business Management	1.0	6041 Agribusiness Management & Marketing	1.0