

# Louisburg High School Course Description Guide 2019-2020



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# GRADUATION REQUIREMENTS

GENERAL DIPLOMA Graduation Requirements	
English	4 Units
Math	3 Units
Science	3 Units
Social Science	3 Units
Physical Education	1 Unit
Fine Arts	1 Unit
Electives (including Career Cluster suggestions)	12 Units
Total Credits Required for Graduation	27 Units

SCHOLARS DIPLOMA Graduation Requirements	
English (Including .5 unit Speech, Debate, or Forensics)	4.5 Units
Math (Alg. 1 or higher)	4 Units
Science (Including Chemistry & Physics)	4 Units
Social Science	3 Units
Physical Education	1 Unit
Fine Arts	1 Unit
World Language (must be in the same language)	2 Units
Electives	7.5 Units
Total Credits Required for Graduation	27 Units

**Students are reminded to check with their counselor periodically. Review of progress toward achieving graduation requirements will facilitate timely completion.** PLEASE NOTE: Courses and teachers are scheduled according to student's choices. Each time students change their minds, classes are impacted. **Please note the need for students to be very serious about their first enrollment choices.** Changes will be considered on a space-available basis. The Course Description Guide will be referred to as CDG throughout this document. Fees are subject to change. Students must fulfill one of the Diploma requirements for Graduation.

## General Diploma

### English (4 credits):

9<sup>th</sup> \_\_\_\_\_ 9<sup>th</sup> \_\_\_\_\_ 10<sup>th</sup> \_\_\_\_\_ 10<sup>th</sup> \_\_\_\_\_ 11<sup>th</sup> \_\_\_\_\_ 11<sup>th</sup> \_\_\_\_\_ 12<sup>th</sup> \_\_\_\_\_ 12<sup>th</sup> \_\_\_\_\_

### Math (3 credits):

Alg 1 \_\_\_\_\_ Alg 1 \_\_\_\_\_ Geometry \_\_\_\_\_ Geometry \_\_\_\_\_ Alg 2 \_\_\_\_\_ Alg 2 \_\_\_\_\_ Other \_\_\_\_\_ Other \_\_\_\_\_

### Social Science (3 credits):

World History \_\_\_\_\_ World History \_\_\_\_\_ US History \_\_\_\_\_ US History \_\_\_\_\_ US Gov't \_\_\_\_\_ US Gov't \_\_\_\_\_

### Science (3 credits):

Biology \_\_\_\_\_ Biology \_\_\_\_\_ Other \_\_\_\_\_ Other \_\_\_\_\_ Other \_\_\_\_\_ Other \_\_\_\_\_

### Fine Arts (1 credit):

Half Credit \_\_\_\_\_ Half Credit \_\_\_\_\_

### Physical Education (1 credit):

First Semester \_\_\_\_\_ Second Semester \_\_\_\_\_

### Electives (12 credits total): (1/2 credits)

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_ 5. \_\_\_\_\_ 6. \_\_\_\_\_  
 7. \_\_\_\_\_ 8. \_\_\_\_\_ 9. \_\_\_\_\_ 10. \_\_\_\_\_ 11. \_\_\_\_\_ 12. \_\_\_\_\_  
 13. \_\_\_\_\_ 14. \_\_\_\_\_ 15. \_\_\_\_\_ 16. \_\_\_\_\_ 17. \_\_\_\_\_ 18. \_\_\_\_\_  
 19. \_\_\_\_\_ 20. \_\_\_\_\_ 21. \_\_\_\_\_ 22. \_\_\_\_\_ 23. \_\_\_\_\_ 24. \_\_\_\_\_

## Scholars Diploma

### English (4.5 credits):

9<sup>th</sup> \_\_\_\_\_ 9<sup>th</sup> \_\_\_\_\_ 10<sup>th</sup> \_\_\_\_\_ 10<sup>th</sup> \_\_\_\_\_ 11<sup>th</sup> \_\_\_\_\_ 11<sup>th</sup> \_\_\_\_\_ 12<sup>th</sup> \_\_\_\_\_ 12<sup>th</sup> \_\_\_\_\_ Speech/Debate/Forensics \_\_\_\_\_

### Math (4 credits):

Alg 1 \_\_\_\_\_ Alg 1 \_\_\_\_\_ Geometry \_\_\_\_\_ Geometry \_\_\_\_\_ Alg 2 \_\_\_\_\_ Alg 2 \_\_\_\_\_ Other \_\_\_\_\_ Other \_\_\_\_\_

### Social Science (3 credits):

World History \_\_\_\_\_ World History \_\_\_\_\_ US History \_\_\_\_\_ US History \_\_\_\_\_ US Gov't \_\_\_\_\_ US Gov't \_\_\_\_\_

### Science (4 credits):

Biology \_\_\_\_\_ Biology \_\_\_\_\_ Chemistry \_\_\_\_\_ Chemistry \_\_\_\_\_ Physics \_\_\_\_\_ Physics \_\_\_\_\_ Other \_\_\_\_\_ Other \_\_\_\_\_

### Fine Arts (1 credit):

Half Credit \_\_\_\_\_ Half Credit \_\_\_\_\_

### Physical Education (1 credit):

First Semester \_\_\_\_\_ Second Semester \_\_\_\_\_

### World Language: (2 credits):

Half Credit \_\_\_\_\_ Half Credit \_\_\_\_\_ Half Credit \_\_\_\_\_ Half Credit \_\_\_\_\_

### Electives (7.5 credits total) (1/2 credits):

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_ 5. \_\_\_\_\_ 6. \_\_\_\_\_ 7. \_\_\_\_\_ 8. \_\_\_\_\_  
 9. \_\_\_\_\_ 10. \_\_\_\_\_ 11. \_\_\_\_\_ 12. \_\_\_\_\_ 13. \_\_\_\_\_ 14. \_\_\_\_\_ 15. \_\_\_\_\_

## Louisburg/Qualified Admissions/Kansas Scholars Comparisons

<b>Subject</b>	<b>Louisburg Gen. Diploma</b>	<b>Louisburg Sch. Diploma</b>	<b>Kansas Qualified Admissions</b>	<b>Kansas Scholars Curriculum</b>
<b>English</b>	<b>4 Credits</b>  Eng. 100 Eng. 200 or Pre-AP Eng. 300 or AP Lang. Eng. 400 or AP Lit	<b>English/Comm. Arts (4.5 Credits)</b>  Eng. 100 Eng. 200 or Pre-AP Eng. 300 or AP Lang. Eng. 400 or AP Lit and .5 credits of Speech, Debate, or Forensics	<b>4 Credits</b>  Louisburg graduation requirements fulfill requirements.	<b>4 Credits</b>  Louisburg graduation requirements fulfill requirements.
<b>Math</b>	<b>Math (3 credits)</b>  Choose from any 3 math credits in the math department.	<b>Math (4 credits)</b>  Algebra 1 and higher	<b>Math (3 credits)</b>  Must take 3 credits at the high school Algebra 1 or higher <b>AND</b> students must meet the <b>ACT college readiness Math benchmark (22)</b> <b>OR</b> <b>Math (4 credits)</b> Must take four years of Math at the high school above Algebra 1.	<b>Math (4 credits)</b>  Algebra 1 and higher
<b>Science</b>	<b>Science (3 credits)</b>  Earth Space Science <b>Biology (required)</b> Environmental Science Chemistry Physics AP Biology Astronomy Advanced/College Chemistry	<b>Science (4 credits)</b>  <b>Biology (required)</b> <b>Chemistry (required)</b> <b>Physics (required)</b> Earth Space Science Environmental Science AP Biology Astronomy Advanced/College Chemistry	<b>Science (3 credits)</b>  <b>Biology (required)</b> <b>Chemistry or Physics</b> <b>1 other science credit</b>	<b>Science (3 Credits)</b>  <b>Biology (required)</b> <b>Chemistry (required)</b> <b>Physics (required)</b>
<b>Social Science</b>	<b>Social Science (3 credits)</b>  World History U.S. History or AP U.S. History Government or AP Gov.	<b>Social Science (3 credits)</b>  World History U.S. History or AP U.S. History Government or AP Gov.	<b>Social Science (3 credits)</b>  Louisburg graduation requirements fulfill.	<b>Social Science (3 credits)</b>  Louisburg graduation requirements fulfill.
<b>Physical Education</b>	<b>Physical Education (1 credit)</b> PE/Health	<b>Physical Education (1 credit)</b> PE/Health	<b>Physical Education</b> NONE	<b>Physical Education</b> NONE
<b>Fine Arts</b>	<b>Fine Arts (1 credit)</b> Any course in Art / Music/Theatre	<b>Fine Arts (1 Credit)</b> Any course in Art/ Music/ Theatre	<b>Fine Arts</b> NONE	<b>Fine Arts</b> NONE
<b>Additional Academic Courses</b>	<b>Additional Academic Courses</b>  12 Electives (including career pathway courses)	<b>Additional Academic Courses</b>  2 credits of one World Language  7.5 credits of Elective	<b>Additional Academic Courses</b>  3 Elective Credits  <b>*Must also score a 21 or better on the ACT composite.</b>	<b>Additional Academic Courses</b>  2 credits of one World Language

## THE SCHEDULING PROCESS

The scheduling process is the shared responsibility of students, parents, teachers, and counselors. All of these people contribute ideas and information which result in effective educational programs for students. Since students' educational programs have implications for post-high school education and eventual career choice, careful planning is required. **Parents assist students in the selection process by discussing alternatives with them and by helping them analyze their individual interests, needs, and goals. Parents may access the course selection choices through parent portal in Skyward.** Involvement of parents provides students with the support, encouragement, and knowledge that are necessary for this important step in educational career planning. **Teachers and advisors are available to discuss the curriculum with students in an effort to provide understanding of the many options that are available.** Students are encouraged to seek their teachers' recommendations before enrolling in some courses so that they are appropriately placed and meet the prerequisites. **Counselors are available to assist students, parents, and teachers in developing a sound educational program.** The counselors have skills, experience, and accessibility to information needed to help students in the selection process.

**Students are provided with information about all the subjects available to them.** They must choose those subjects which give them knowledge and skills that are necessary for their future educational and career plan.

### The Importance of Course Selection

If students give careful thought to the future, they will realize that course selection is a means to an end, not an end in itself. They are encouraged to seek as much information as needed from parents, teachers, counselors, and other students in order to make the wisest choices. Personal conferences can be arranged with the counselor by calling the school office. Students with post-secondary plans should note the college admissions guidelines addressed in this booklet when planning their courses. A tentative four-year plan will be helpful.

### PLEASE NOTE:

**The master schedule will be determined based on the enrollment of its students. Courses with low enrollments may not be offered. Additionally students with conflicting hours may have to choose between two courses.**

## IMPORTANT MISCELLANEOUS INFORMATION

### Schedule Changes/Withdrawals

Students who desire a schedule change for either semester should make arrangements with student services before the semester begins. NO schedule changes will be made after the last add/drop date. ALL schedule changes after the add/drop date will only be made as deemed necessary by the administration.

### Repeating Courses due to grades/GPA

Students usually repeat high school courses only when they have failed the course the first time. However, there are times when it is in the student's best interest to repeat a course for which he/she has already earned credit and when certain guidelines are met. Students will receive a letter grade for the course taken the second time. Both grades will be figured in the GPA. A course taken the second time will count as elective credit only.

### Courses that can be taken for repeat credit:

Debate	Forensics
Quest	Weights
Female Athletic Development	Sports Fitness
Band	Jazz Band
Drum Line	Select Choir
Concert Choir	Theater
Yearbook	

### Early Graduation

Students will need to meet with a counselor and discuss early graduation. There is a form in Student Services to be completed with parent signature. Required graduation requirements must be met prior to or currently be a work in progress for student to be considered for early graduation.

## **COLLEGE CREDIT in HIGH SCHOOL AP Courses & Dual Enrollment Courses**

### **Advanced Placement Courses & Exams**

Certain advanced courses in the high school program are designated Advanced Placement. The Advanced Placement examinations given each May, on a standardized national test day, are scored by the Education Testing Service. Each examination receives an overall grade on a 5 point scale

5 points= extremely well qualified  
2 points= possibly qualified

4 points= well qualified  
1 point = no recommendation

3 points= qualified

Each college decides which AP examination grades it will accept. Some colleges accept grades of 3 or better and give the student credit as if that person had taken one or more basic courses in the subject tested. In some cases credit is not given, but the necessity of taking basic courses is waived. Students can check individual college AP credit policy at:

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

**College bound** students should consider taking one or more AP courses. Research shows students completing one or more AP courses, regardless of their grades, do better in college than those never taking an AP course.

Information will be given to teachers of advanced courses during the early part of second semester and will be distributed to interested students. The current cost is approximately \$94.00 per AP exam. Sophomore, Junior, and Senior Courses that help students prepare for AP tests are as follows:

Communication Arts: AP Language, Pre-AP Language, AP Literature

Mathematics: AP Calculus

Science: AP Biology

Social Science: AP History, AP Government

**AP courses are a yearlong commitment. Once pre-enrolled, students will be expected to stay enrolled for the full year.**

### **Dual Enrollment Courses**

Fort Scott Community College credit can be awarded in the following courses listed below. Tuition costs will be paid directly to FSCC. Students will need to pass the Accuplacer test or ACT college readiness benchmark in order to earn college credit for the course.

The following are courses offered for dual credit:

**AP Biology (5 credit hours)**

**AP Government (3 credit hours)**

**AP Language (3 credit hours)**

**AP US History (3 credit hours)**

**College Algebra (3 credit hours)**

**Speech (3 credit hours)**

**Health Careers (approx. 13 credit hours total)**

**AP Literature (3 credit hours)**

**Accounting (3 credit hours)**

**Advanced/College Chemistry (5 credit hours)**

\*\*\*All college course offerings are subject to change according to staffing.

Students enrolled in dual credit courses will earn a grade/credit on both high school and college transcripts if they choose to pay for the college credit.

**FOUR YEAR PLAN/INDIVIDUAL PLAN OF STUDY**

**NINTH GRADE SCHEDULE**

Semester 1	Semester 2
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.
6.	6.
7.	7.
8.	8.

**TENTH GRADE SCHEDULE**

Semester 1	Semester 2
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.
6.	6.
7.	7.
8.	8.

**ELEVENTH GRADE SCHEDULE**

Semester 1	Semester 2
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.
6.	6.
7.	7.
8.	8.

**TWELFTH GRADE SCHEDULE**

Semester 1	Semester 2
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.
6.	6.
7.	7.
8.	8.

## Kansas Scholars Curriculum

### What is the Kansas Scholars Curriculum?

The Kansas Scholars Curriculum is one of the requirements Kansas residents must meet in order to receive State Scholar designation during the Senior year. This curriculum is NOT the same as the Qualified Admissions Curriculum.

### What is the benefit of completing the Kansas Scholars Curriculum?

Students who complete the curriculum and meet the other requirements, may be designated as State Scholars, which makes them eligible to receive State Financial Aid as provided by the Kansas Legislature. The academic profile of scholars usually includes an average ACT of 30 and an average GPA of 3.90. State Scholars may receive up to \$1,000 annually for up to four undergraduate years (five, if enrolled in a designated five-year program) based on financial need and the availability of State funds.

### How is financial need determined?

Financial need is measured by the using data submitted on the FAFSA.

For more information about the Kansas Scholars Curriculum or State Scholar designation, contact the Kansas Board of Regents visit [www.kansasregents.org](http://www.kansasregents.org).

Kansas Scholars Curriculum	
<b>English</b>	Same as the Qualified Admissions Curriculum.
<b>Natural Science</b>	<p><b>3 approved units</b> including:</p> <ul style="list-style-type: none"> <li>• Biology</li> <li>• Chemistry</li> <li>• Physics</li> </ul> <p><i>A fourth year of science is recommended.</i></p>
<b>Math</b>	<p><b>4 approved units</b></p> <p>Students must complete the following:</p> <ul style="list-style-type: none"> <li>• Algebra 1*</li> <li>• Geometry</li> <li>• Algebra 2 or Honors Algebra 2</li> </ul> <p>In addition, students must complete at least one additional credit of math with Algebra 2 or Honors Algebra 2 as a prerequisite.</p> <p><i>*Algebra taken in the 8th Grade is accepted; however, 4 years of additional math must be completed.</i></p>
<b>Social Science</b>	Same as the Qualified Admissions Curriculum.
<b>World Language</b>	<b>2 approved credits</b> of one world language. <i>Languages courses completed in middle school do NOT fulfill the requirement.</i>



## College Entrance Requirements & Qualified Admissions

Students who plan to enter a two-year or four-year College should check the admission requirements at the institutions in which they are interested. Students should be sure they are using the most recent information available.

Most colleges require a minimum of a “C” average. Highly competitive colleges require a “B” average or BETTER for admission. A record of good behavior and cooperation with school staff and classmates is expected and necessary in order to receive satisfactory recommendations for college. Good academic and attendance records as well as involvement in school and/or community activities are the best qualifications an applicant can offer.

### What are Qualified Admissions?

Qualified Admissions (QA) are a set of standards used by the six state universities to review applicants for undergraduate admission. The universities that use QA are Emporia State University, Fort Hays State University, Kansas State University, Pittsburg State University, the University of Kansas, and Wichita State University. These standards are set by the Kansas Board of Regents, the governing body for the state universities.

### What are the Qualified Admissions standards?

Students graduating from an accredited Kansas high school, under the age of 21, MUST;

- Complete the Qualified Admissions curriculum with at least a 2.0 GPA; AND
- Achieve ONE of the following:
  - ACT score of 21 or higher; OR
  - SAT score of 980 or higher; OR
  - Graduate in the top one-third of their class; AND
- Achieve a 2.0 GPA or higher on any college credit taken in high school.  
AND students must meet the ACT college readiness math benchmark (22 on ACT math subtest) OR 4 years high school math approved units, with one unit taken in the graduating year.
- To qualify for admission to The University of Kansas as freshmen, students graduating from an accredited high school in Kansas must meet the following requirements:
  - 3.0+overall GPA and 24+ACT (1160+ SAT) or
  - 3.24+overall GPA and 21+ACT (1060+SAT)

Qualified Admissions Curriculum	
<b>English</b>	4 approved credits of English, one unit taken each year of high school.
<b>Natural Science</b>	3 approved credits, one unit must be Chemistry or Physics:
<b>Math</b>	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>3 approved credits from the following:</p> <ul style="list-style-type: none"> <li>• Algebra 1</li> <li>• Geometry</li> <li>• Algebra 2 or Honors Algebra 2</li> <li>• Any course with Algebra 2 or Honors Algebra 2 as a prerequisite AND students must meet the ACT college readiness math benchmark.</li> </ul> </div> <div style="width: 10%; text-align: center; font-weight: bold; font-size: 1.2em;">OR</div> <div style="width: 45%;"> <p>4 approved credits, with one credit taken in the graduating year. Three units selected from the following:</p> <ul style="list-style-type: none"> <li>• Algebra 1</li> <li>• Geometry</li> <li>• Algebra 2 or Honors Algebra 2</li> <li>• Any course with Algebra 2 or Honors Algebra 2 as a prerequisite.</li> </ul> <p>The fourth unit may be prescribed by the school district and must be designed to prepare students for college.</p> </div> </div> <p style="font-style: italic; font-size: 0.9em;">Courses completed in middle school do NOT fulfill the requirement.</p>
<b>Social Science</b>	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>3 approved credits</p> <p>Students must complete the following:</p> <ul style="list-style-type: none"> <li>• One credit of Modern World History</li> <li>• One credit of U.S. History</li> <li>• Minimum of one-half credit of U.S. Government</li> <li>• Minimum of one-half credit of Social Studies elective.</li> </ul> </div> <div style="width: 45%;"> <p>Approved courses from the following may be used to complete the Social Studies elective requirement:</p> <ul style="list-style-type: none"> <li>• AP European History</li> <li>• Contemporary Issues</li> <li>• Cross-Cultural Connections</li> <li>• Economics</li> <li>• Intro to Psychology or AP Psychology or Sports Psychology</li> <li>• Sociology</li> <li>• World Geography or Honors World Geography</li> <li>• World History-Ancient Civilizations</li> </ul> </div> </div>
<b>Electives</b>	<p>3 approved credits from the following:</p> <ul style="list-style-type: none"> <li>• English</li> <li>• Math</li> <li>• Natural Science</li> <li>• Social Science</li> <li>• Fine Arts</li> <li>• Computer/Information Systems</li> <li>• World Languages</li> <li>• Consumer &amp; Personal Finance</li> <li>• Speech, Debate, Interscholastic Speech &amp; Drama</li> <li>• Journalism</li> <li>• Career and Technical Education (FACS, Business, Tech Ed)</li> </ul>

## NCAA Eligibility

The number of required core courses is 16. These courses come from the following areas: English, Mathematics, Science, Social Science, Foreign Language, non-doctrinal religion or philosophy. You can visit [www.ncaa.org](http://www.ncaa.org) for more detailed information.

### 16 core courses

If you plan to enter college, you will need to present a GPA of 2.3 or higher in the 16 core courses.

- 4 years of English
  - 3 years of Math (Algebra 1 or higher)
  - 2 years of Science (one must be a lab science)
  - 1 year of additional English, Math, or Science
  - 2 years of Social Science
  - 4 years of additional core courses (from any listed above, or foreign language, non-doctrinal religion or philosophy)
- \*\* Transitional Algebra is not accepted by the NCAA.

### Test Scores

- Division I has a sliding scale for test score and grade-point average. The sliding scale for those requirements is shown on the right.
- Division II has a minimum SAT score requirement of 820 or an ACT sum score of 68.
- The SAT score used for NCAA purposes includes the critical reading and math sections.
- The ACT score used for NCAA purposes is a sum of the four sections on the ACT: English, mathematics, reading and science.
- All SAT and ACT scores must be reported directly to the NCAA Eligibility Center by the testing agency. Test scores that appear on transcripts will not be used. When registering for the SAT or ACT, use the Eligibility Center code of 9999 to make sure the score is reported to the Eligibility Center. Grade-Point Average
- Only core courses are used in the calculation of the grade-point average.
- Be sure to look at your high school's list of NCAA-approved core courses on the Eligibility Center's Web site to make certain that the courses being taken have been approved as core courses. The Web site is <https://web3.ncaa.org/hsportal/exec/homAction>.

NCAA DIVISION I SLIDING SCALE		
Core GPA	SAT Verbal and Math ONLY	ACT Sum
3.550	400	37
3.525	410	38
3.500	420	39
3.475	430	40
3.450	440	41
3.425	450	41
3.400	460	42
3.375	470	42
3.350	480	43
3.325	490	44
3.300	500	44
3.275	510	45
3.250	520	46
3.225	530	46
3.200	540	47
3.175	550	47
3.150	560	48
3.125	570	49
3.100	580	49
3.075	590	50
3.050	600	50
3.025	610	51
3.000	620	52
2.975	630	52
2.950	640	53
2.925	650	53
2.900	660	54
2.875	670	55
2.850	680	56
2.825	690	56
2.800	700	57
2.775	710	58
2.750	720	59
2.725	730	60
2.700	740	61
2.675	750	61
2.650	760	62
2.625	770	63
2.600	780	64
2.575	790	65
2.550	800	66
2.525	810	67
2.500	820	68
2.475	830	69
2.450	840	70
2.425	850	70
2.400	860	71
2.375	870	72
2.350	880	73
2.325	890	74
2.300	900	75
2.299	910	76
2.275	910	76
2.250	920	77
2.225	930	78
2.200	940	79
2.175	950	80
2.150	960	81
2.125	970	82
2.100	980	83
2.075	990	84
2.050	1000	85
2.025	1010	86
2.000	1020	86

### Questions?

Contact your school's counselor, the Athletic Director, or visit the NCAA Eligibility Center at [http://web1.ncaa.org/ECWR2/NCAA\\_EMS/NCAA.jsp](http://web1.ncaa.org/ECWR2/NCAA_EMS/NCAA.jsp)

# KANSAS CAREER CLUSTERS

Need 3 credits total  
Must have minimum of **one course** from  
Introductory, Technical, and Application.

## AGRICULTURE CAREER CLUSTER

### *Comprehensive Agriculture Science Pathway*

<i>Introductory</i>	· Intro to Ag Science	1.0
<i>Technical</i>	· Plant & Animal Science	1.0
	· Horticulture	1.0
<i>Application</i>	· Agribusiness Management	1.0
	· Advanced Plant & Animal	1.0

### *Power, Structural, and Technical Systems Pathway*

<i>Introductory</i>	· Intro to Ag Science	1.0
<i>Technical</i>	· Ag Mechanics I	1.0
<i>Application</i>	· Agribusiness Management	1.0
	· Ag Mechanics II	1.0

## ARCHITECTURE & CONSTRUCTION CAREER CLUSTER

### *Construction & Design Pathway*

<i>Introductory</i>	· Intro to Industrial Tech · Drafting	.5 .5
<i>Technical</i>	· Carpentry 1 · Woodworking Principles · Architecture Design · CAD Design	1.0 1.0
<i>Application</i>	· Carpentry II OR · Furniture & Cabinetry Fabrication	1.0 1.0

## ARTS, A/V TECHNOLOGY & COMMUNICATIONS CLUSTER

### *Digital Media Pathway*

<i>Introductory</i>	· Business Essentials	.5
<i>Technical</i>	· 21 <sup>st</sup> Century Journalism	.5
	· Digital Media Technology	.5
	· AV Production Fundamentals	.5
	· Graphic Design Fundamentals	.5
<i>Application</i>	· Video Production	1.0
	· Digital Media Design & Production: Yearbook	1.0

## BUSINESS FINANCE CLUSTER

### *Business Finance Pathway*

<i>Introductory</i>	· Business Essentials	.5
<i>Technical</i>	· Entrepreneurship	.5
	· Personal Consumer Finance	.5
	· Accounting 1	1.0
<i>Application</i>	· Advanced Accounting	1.0

## **HOSPITALITY & TOURISM CLUSTER**

### ***Restaurant & Event Management Pathway***

<i>Introductory</i>	<ul style="list-style-type: none"> <li>· Business Essentials</li> <li>· Career &amp; Life Planning</li> </ul>	.5 .5
<i>Technical</i>	<ul style="list-style-type: none"> <li>· Culinary Essentials</li> <li>· Marketing</li> <li>· Entrepreneurship</li> <li>· Culinary Arts I</li> </ul>	.5 1.0 .5 1.0
<i>Application</i>	<ul style="list-style-type: none"> <li>· Culinary Applications</li> </ul>	1.0

## **TRANSPORTATION CLUSTER**

### ***Mobile Eq. Maintenance Pathway***

<i>Introductory</i>	<ul style="list-style-type: none"> <li>· Intro to Industrial Tech</li> <li>· Business Essentials</li> <li>· Automotive Information</li> </ul>	.5 .5 .5
<i>Technical</i>	<ul style="list-style-type: none"> <li>· Gas Engines &amp; Powertrain</li> <li>· Entrepreneurship</li> </ul>	.5 .5
<i>Application</i>	<ul style="list-style-type: none"> <li>· Advanced Small Engines/Powertrains</li> </ul>	1.0

## **HUMAN SERVICES CLUSTER**

### ***Early Childhood Pathway***

<i>Introductory</i>	<ul style="list-style-type: none"> <li>· Career &amp; Life Planning</li> </ul>	.5
<i>Technical</i>	<ul style="list-style-type: none"> <li>· Orientation to Early Childhood Development</li> <li>· Foundations to Early Childhood Development</li> </ul>	1.0 1.0
<i>Application</i>	<ul style="list-style-type: none"> <li>· Early Childhood Application</li> </ul>	1.0

## **MANUFACTURING CLUSTER**

### ***Manufacturing Pathway***

<i>Introductory</i>	<ul style="list-style-type: none"> <li>· Intro to Industrial Tech</li> <li>· Introduction to Welding</li> </ul>	.5 .5
<i>Technical</i>	<ul style="list-style-type: none"> <li>· CAD Design</li> </ul>	1.0
<i>Application</i>	<ul style="list-style-type: none"> <li>· Advanced Drafting/CAD</li> </ul>	1.0

# LANGUAGE ARTS

Course #	Course Name	Units of credit	Grade level			
01001 A/B	English 100	1	9			
01002 A/B	English 200	1		10		
1002H A/B	Pre-AP English	1		10		
01003 A/B	English 300	1			11	
01005 A/B	AP Language/Comp	1			11	
01004 A/B	English 400	1				12
01006 A/B	AP Literature/Comp	1				12
01151	Speech	1/2			11	12
01153	Debate	1/2	9	10	11	12
01154	Forensics	1/2	9	10	11	12
30100	21 <sup>st</sup> Century Journalism (Intro to Journalism)	1/2	9	10	11	12
30151A/B	Digital Media Design & Production: Yearbook	1		10	11	12

## **01001 A/B - English 100**

**Grade: 9**

**1 unit credit**

This course emphasizes necessary skills to read literature and informational texts, compose original writing, and improve speaking and listening proficiency. Students write in a variety of modes, including narrative, informative, and argumentative. Reading experiences include short selections of fiction and nonfiction, poetry, drama, and novels. Students practice improving speaking and listening skills through a variety of cooperative learning activities and whole-class discussions.

## **01002 A/B - English 200**

**Grade: 10**

**1 unit credit**

This general education course is designed to improve student writing and to foster an appreciation and understanding of a variety of literary genres. Students will study drama, novels, poetry, short fiction and nonfiction. Students will demonstrate proficiency in application of speaking, listening, and writing skills using varied expository, narrative and argumentative writing. The class will also utilize multimedia projects to accompany class presentations.

## **1002H A/B - Pre-Advanced Placement English**

**Grade: 10**

**1 unit credit**

This course is designed for students who display the self-motivation and self-discipline to read and write extensively in order to prepare them for AP and college-preparation English courses, as well as a post-high school education. Students are exposed to an increased and complex level of literary analysis and in-depth class discussions that foster critical and higher order thinking. Terminology from the AP English curriculum will be introduced. Students will work towards becoming skilled readers of prose written in a variety of rhetorical contexts and skilled writers who compose for a variety of purposes, with an emphasis on academic writing. An independent summer reading project may be a required element of this course.

## **01003 A/B - English 300**

**Grade: 11**

**1 unit credit**

This course is intended for general education students to provide them college and career readiness skills. Students will engage in challenging activities to demonstrate evaluative and analytical skills through a survey of academic fiction and nonfiction, both assigned and self-directed, as a gateway to understanding needed college and career skills in critical reading and thinking, problem solving, group and oral communication, writing, and technology proficiency. Students will be asked to complete a variety of self-directed projects, assessments, and group projects, which allow them to develop skills to work independently as well as a member of a group, upholding the responsibilities of both. Students will write narratives and analytical, informative/explanatory, and persuasive writings from models in response to academic and dilemma-driven prompts, with emphasis and training in the 6-traits while demonstrating awareness of proper formatting (MLA and APA), in-text citation and bibliography skills.

**01005 A/B - Advanced Placement Language & Composition**      **Grade: 11**      **1 unit credit**

This course encourages students to become skilled analytical readers of primarily non-fiction prose forms from a variety of genres, periods, disciplines, and rhetorical context, as well as to become aware of the validity of visual literacy as argument. Students will write essays focusing on rhetorical analysis, argumentation, and synthesis developing their own style of written and verbal responses to prompts that encourage original thought supported by evidence from the text. Grammar conventions and language resources contribute to effective independent research and initiative as learners. This class will be a college level rigorous course. If students choose to take the AP test, there is an additional cost of around \$94.00. Students will also have the option to take this course for FSCC credit for the spring semester only with additional cost from FSCC. A summer project may be expected.

**01004 A/B - English 400**      **Grade: 12**      **1 unit credit**

Representative readings from a variety of cultures and genres will invite connections to current social and cultural aspects. Students will respond to prose forms in a variety of modes, including tech presentations, formal and inventive writing, with a focus on exposition and argument, as they connect the reading to the 21st Century. Special emphasis will be on comparison/contrast, critical thinking, and transitional skills. Students will research and document using MLA and APA guidelines.

**01006 A/B Advanced Placement English Literature & Comp**      **Grade: 12**      **1 unit credit**

This course provides students with an educational experience equal to an introductory level college literature class, and it follows the curricular requirements described in the College Board's AP English Course Description, which detail the courses' preparation of students to read and write about literature analytically. Students will read prose and poetry from a variety of historical periods and genres (ranging from the sixteenth through twenty-first century), refine critical thinking and analytical skills, and write for a variety of purposes. Students who take this course are expected to take responsibility for their own learning and behavior, and should expect a rigorous English experience with intellectual challenges and a considerable workload that culminates with the AP Literature & Composition exam in May. If students choose to take the AP exam, there is an additional cost of approx. \$94.00. A summer project may be expected. This course is a dual-credit course.

**01151 - Speech**      **Grade: 11, 12**      **1/2 unit credit**

Speech is a one-semester course which covers basic public speaking format. Students will improve their communication skills in both interpersonal and public speaking situations. Students will develop their ability to be a critical consumer of research material, media, and public speeches. The emphasis will be increasing students' confidence in their ability to think, write, and speak for a public audience. The study of communication skills, listening, and organization is also included through textbook readings. Speeches that may be covered are informative, demonstrative, impromptu and persuasive. The class is broken into 3 sections, the first focuses on speaking techniques, the second on practical, everyday uses for speech, the third is on persuasion. This class is available to take as dual credit with FSCC. Cost for this class will be in line with credit costs established by the college.

**01153 - Debate**      **Grade: 9, 10, 11, 12**      **1/2 unit credit**

Debate is a one-semester course offered in the fall. The fee will be paid for first-time debate and/or forensic students for membership into the NSDA, National Speech and Debate Association. Students will debate the topic selected for students throughout the United States. Students will do extensive research, analysis, learn persuasion, and organizational thinking and speaking. Politics, Government, International Issues, Environment, and Social Issues are a few of the many topics students will be expected to study. Emphasis is placed on personal growth and ability to access performance at competitions. Classroom activities include practice debates, oral and written assignments as well as group work. This is a co-curricular class. Students must participate in outside of class time assignments in order to receive a passing grade. These include all students working the LHS host tournament on one Saturday, novices attending 3 tournaments on weekends, and advanced debaters participating in 4 tournaments on the weekends. Must wear business attire and have a professional appearance at tournaments. Students will be able to earn a Varsity letter through class participation and additional outside of class requirements. There will be a supply list that debaters will need to fill for classroom activities. *Course fee: \$20*

**01154 - Forensics****Grade: 9, 10, 11, 12****1/2 unit credit**

Forensics is a one-semester course offered in the spring. The fee will be paid for first-time debate and/or forensic students for membership into the NSDA, National Speech and Debate Association. This course involves developing performance ability in the forensics events: duet acting, solo acting, prose and poetry interpretation, original oratory, informative speaking, and extemporaneous speaking. The focus will be on performance acting, speaking and/or both. Students will be required to complete class assignments, performances, and team activities in addition to participating in weekend tournaments. This is a co-curricular class. Students must participate in outside of class time assignments in order to receive a passing grade. These include all students working the LHS host tournament on one Saturday, novices attending 2 tournaments on weekends, and advanced debaters participating in 3 tournaments on the weekends. Students will be able to earn a Varsity letter through class participation and additional outside of class requirements. Must wear business attire and have a professional appearance at tournaments.  
*Course fee: \$20*

**30100 – 21<sup>st</sup> Century Journalism (Intro to Journalism)****Grade: 9, 10, 11, 12****1/2 unit credit**

21<sup>st</sup> Century Journalism promotes the development of the skill set needed today and in the future. Topics include an exploration of the role media and the communications industry has in society, the development of the technical skills related to journalistic writing and interviewing, as well as understand the ethical and legal issues related to the field.

**30151 A/B – Digital Media Design & Production: Yearbook 1****Grade: 10, 11, 12****1 unit credit*****Prerequisite: 21<sup>st</sup> Century Journalism (Intro to Journalism) or consent of Instructor***

Digital Media Design and Production will provide students with the opportunity to apply the fundamental techniques learned in Digital Media Technology course through the production of a multimedia project for public presentation. Topics include developing a production schedule, working as a team, utilizing composition principles, and embedding audio, video or other content in digital formats. Students are able to attend camp during summer, the cost of which is around \$200.00. (Some of this cost may be defrayed if funds are available from healthy ad sales.)

# MATHEMATICS

Course #	Course Name	Units of credit	Grade level			
			9	10	11	12
02052 A/B	Algebra 1	1	9	10	11	12
02055 A/B	Transition Algebra	1			11	12
02056 A/B	Algebra 2	1		10	11	12
02057 A/B	Algebra 3	1			11	12
02072 A/B	Geometry	1	9	10	11	12
02110 A/B	College Algebra/Pre-Calc	1			11	12
02124 A/B	AP Calculus	1				12

### **02052 A/B - Algebra 1**

**Grade: 9, 10, 11, 12**

**1 unit credit**

Algebra I includes properties and operations in the real number system, simplification of basic algebraic expressions, solving equations and inequalities, practical application by use of situations presented in word problems, and solving linear equations.

### **02055 A/B - Transition Algebra**

**Grade: 11, 12**

**1 unit credit**

*Prerequisite: Instructor Approval*

This course reviews and extends algebra and geometry concepts for students who have already taken Algebra I or geometry. This course will not count towards qualified admissions credit.

### **02056 A/B - Algebra 2**

**Grade: 10, 11, 12**

**1 unit credit**

*Prerequisite: Geometry or Transitional Algebra*

Algebra 2 students will learn about rational and irrational expressions, exponents, logarithms, sequences, and series. Equations and inequalities will include linear and polynomial forms. Students will prove and apply identities to trigonometric functions. Solving quadratic equations will be a major focus of the course.

### **02057 A/B – Algebra 3**

**Grade: 11, 12**

**1 unit credit**

*Prerequisite: Algebra 2*

Algebra 3 is for students who are well-prepared to study advanced functions and graphing. This course continues the development of algebra skills through the continued study of functions, both analytically and graphically, as well as a more thorough study of trigonometry, sequences and series.

### **02072 A/B – Geometry**

**Grade: 9, 10, 11, 12**

**1 unit credit**

*Prerequisite: Algebra 1*

Geometry includes basics of beginning geometry including proofs, constructions, parallel and perpendicular relationships, and the study of two and three dimensional shapes. Transformations, congruence, similarity, triangles, and circles will be topics of study.

### **02110 A/B - College Algebra/Pre-Calculus**

**Grade: 11, 12**

**1 unit credit**

*Prerequisite: Algebra 3 or an "A" in both semesters of Algebra 2*

Students who excel in Algebra 2 or who successfully complete Algebra 3 should enroll in College Algebra/Pre-Calculus. This course combines the study of Trigonometry, Elementary Functions, Analytic Geometry, and Math Analysis topics as preparation for calculus. **Juniors that enroll in this course should plan on taking AP Calculus their senior year. Students have the option of enrolling in Fort Scott Community college for 3 hours of math credit.**



**02124 A/B - Advanced Placement Calculus**

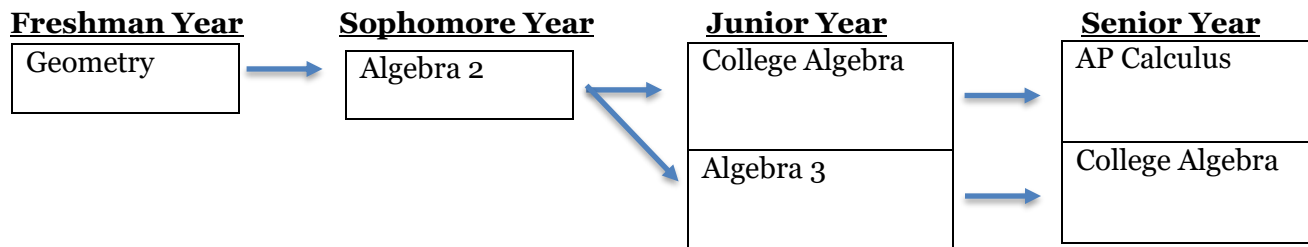
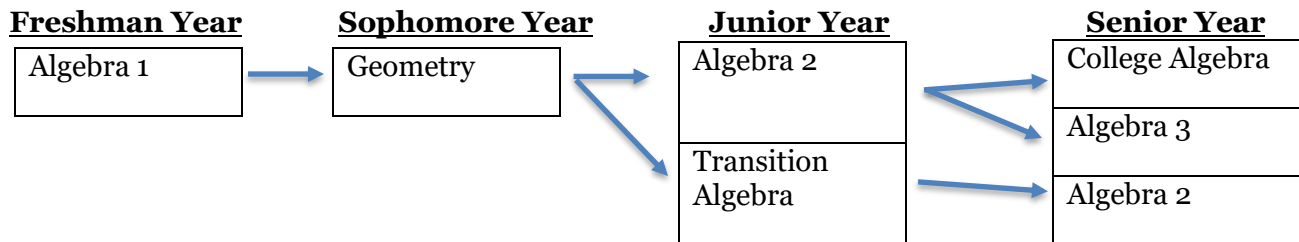
**Grade: 12**

**1 unit credit**

**Prerequisite: College Algebra/Pre-Calculus**

The topics studied in AP Calculus are those traditionally offered in the first year of calculus in college, and designed for students who wish to obtain a semester of advanced placement in college. The topics studied include limits, continuity, derivatives, integrals of algebraic and transcendental functions and their applications, and elementary differential equations.

**Math Flow Chart**



# SCIENCE

Course #	Course Name	Units of credit	Grade level			
03003 A/B	Environmental Science	1			11	12
03004 A/B	Astronomy	1			11	12
03008 A/B	Earth/Space Science	1	9			
03051 A/B	Biology	1	9	10		
03056 A/B	AP Biology	1				12
03101 A/B	Chemistry	1		10	11	12
03102 A/B	Advanced/College Chemistry	1			11	12
03151 A/B	Physics	1			11	12
14002 A/B	Health Careers	2			11	12

### **03003 A/B - Environmental Science**

**Grade: 11, 12**

**1 unit credit**

This course is to provide students with the scientific principles, concepts, and methods required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them.

### **03004 A/B - Astronomy**

**Grade: 11, 12**

**1 unit credit**

Students will explore the solar system through investigation of earth's moon and the planets, star charts, constellations, and various bodies in space. They will incorporate knowledge acquired since the theory of the earth-centered universe and use the tools of astronomy to increase their understanding of the order of the universe.

### **03008 A/B - Earth/Space Science**

**Grade: 9**

**1 unit credit**

This course will provide students with basic knowledge of Earth's composition, dynamics, atmospheric forces, physical and chemical processes, and space science. Earth's system and dynamics will include the rock cycle, the hydrologic cycle, and the tectonic cycle. Atmospheric forces will include the atmosphere, cloud formations, weather prediction, fronts, and severe weather. Space science will include our solar system, formations of planets and stars, black holes, and possible origins of the Universe. This class will contain lecture, discussion, lab activities, and the use of current multimedia materials.

### **03051 A/B - Biology**

**Grade: 9, 10**

**1 unit credit**

*\*Freshmen may enroll in biology only with a recommendation from their 8th grade science teacher and concurrent enrollment in Geometry.*

Biology provides the opportunity to study living organisms, their interrelationships with each other, and with their environment. Selected activities may include an individual leaf collection project, animal and human genetic study, plant and animal body structure and functions, environmental study of ecosystems, dissection of various organisms, and the study of effects of various diseases (to include STD's).

### **03056 A/B - AP Biology**

**Grade: 12**

**1 unit credit**

**Prerequisite: Chemistry and B in Biology**

AP Biology provides advanced students the opportunity to study living organisms and their interrelationship with each other and their environment. Topics that were introduced in sophomore biology will be expanded and studies in depth. This will be a lab-oriented class with emphasis on cell studies, genetics, microbiology and human anatomy. The class will also include environmental studies. **This class is available to take as dual credit with FSCC.**

### **03101 A/B - Chemistry**

**Grade: 10, 11, 12**

**1 unit credit**

**Prerequisite: C or better in Algebra 1 and C or better or concurrently enrolled in Algebra 2.**

Chemistry is the study of atomic structure and changes in matter. Elements and their properties are a focus as well as periodic law. Lab activities and mathematical calculations are essential to the understanding of Chemistry. Students without sufficient skills in solving equations, dimensional analysis, exponential notation and the use of logarithms may experience difficulty. Chemistry is taught as a college preparatory course to meet the Regents requirement.

**03102 A/B - Advanced/College Chemistry**  
**Prerequisite: Chemistry and Algebra 2 with a C or better**

**Grade: 11, 12**

**1 unit credit**

Coursework consists of lectures, discussion, and laboratory work on the fundamental principles in general organic and inorganic chemistry. Topics covered include atomic structure, bonding, solutions, base theory, gas laws, electrolytes, equilibrium, oxidation-reduction, and some descriptive chemistry. **This class is available to take as dual credit with FSCC.**

**03151 A/B – Physics**

**Grade: 11, 12**

**1 unit credit**

**Prerequisite: C or better in Algebra 2**

Physics is the study of matter and energy relationships, motion, light, heat, sound, electricity and nuclear reactions. Physics is an inquiry based, hands on laboratory course that incorporates the basic concepts and fundamental laws of physics and the use of mathematics as a tool for understanding. The course focuses on the fundamentals of a first year physics course with an emphasis on mechanics. Physics is taught as a college preparatory course to meet the Regents requirement.

**14002 A/B - Health Careers**

**Grade: 11, 12**

**2 units credit**

Health Career Sciences introduces students to the rapidly growing field of Health Careers. Career research, medical terminology, introductory anatomy and physiology, discussion of the disease process, communication skills, basic patient care skills, and observation/on-the-job training experiences are provided through lecture and clinical rotations in community health care facilities. Health Career Sciences is available to 12th grade students in participating high schools through the Greenbush Consortium. **You must submit an application to enroll in Health Careers. All students enrolling in Health Career Sciences should have completed two science and two math credits with a grade of “C” or better. The college credit tuition is paid for through the Senate Bill 155.** Students will receive high school credit in Health Careers and the following college credits for each semester:

**FALL:**

Geriatric Nurse Aide: Certified Nurse Aide (CNA) Five (5) credit hours

CPR for the Healthcare Provider (American Heart Association) One (1) credit hour

**SPRING:**

Medical Terminology: Three (3) credit hours

Exploratory II: Three (3) credit hours

**Science Flow Chart**

**Freshman Year**

Earth & Space
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**Sophomore Year**

Biology
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**Junior Year**

Chemistry
Environmental
Astronomy

**Senior Year**

Physics
AP Biology
Adv. Chemistry
Environmental
Astronomy

**Freshman Year**

Biology-Must be enrolled in Geometry by teacher rec.
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**Sophomore Year**

Chemistry
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**Junior Year**

Physics
Adv. Chemistry
Environmental
Astronomy

**Senior Year**

Physics
AP Biology
Adv. Chemistry
Environmental
Astronomy

# SOCIAL SCIENCE

Course #	Course Name	Units of credit	Grade level		
04051 A/B	World History	1	10		
04101 A/B	U.S. History	1		11	
04104 A/B	AP U.S. History	1		11	
04151 A/B	U.S. Government	1			12
04157 A/B	AP U.S. Government	1			12
04065	Holocaust Studies**	1/2	10	11	12
04106	Decades of Change*	1/2	10	11	12
04155	International Conflict and Relations*	1/2		11	12
04254	Psychology	1/2		11	12
04258	Sociology	1/2		11	12
04999	Historical Conspiracies**	1/2		11	12
	* offered in school years beginning in even number **offered in school years beginning in odd number				

## **04051 A/B - World History**

**Grade: 10**

**1 unit credit**

World history will require students to describe individuals, events, and characteristics of various historical periods. Students will analyze the development and effects of various religious and moral beliefs, identify major philosophers, explain the significance of ideas, and compare and contrast past and present political and economic systems.

## **04101 A/B – U.S. History**

**Grade: 11**

**1 unit credit**

American History is a comprehensive study of the history of the American people during the 20th Century. At the end of the course students should know how historical events shape political policy and the overall scheme of people's lives.

## **04104 A/B - AP United States History**

**Grade: 11**

**1 unit credit**

APUSH is a challenging course. The course content, from Christopher Columbus to the present, demands a rapid moving and rigorous pace. The depth of understanding required is above and beyond that of simply memorizing dates, facts, and vocabulary definitions. Although chronological in approach, social, cultural, political, geographic, economic and intellectual concepts are emphasized. Your success will depend first on your comprehensive mastery of the subject matter, but you must also demonstrate you can do what historians do: gather evidence by analyzing primary sources; make connections among ideas, events and concepts across time and space; and communicate your original ideas in essays that are logically organized and thoroughly substantiate. A major goal of the course is to develop skills in historical analysis through discussion, research and writing. This historical analysis will help students understand the world around them through historical perspective. Students will engage in history by figuring out relationships and recognizing change through over place and time. Discussion, activities, Free-Response Essays, and Document Based Questions are emphasized to allow students the chance to engage in history. At the end of the course students are encouraged to take the APUSH exam which rewards successful scores with college credit hours. **This class is available to take as dual credit with FSCC.**

## **04151 A/B - U.S. Government**

**Grade: 12**

**1 unit credit**

U.S. Government is an introduction to the political and economic systems in America. The political emphasis in the course will be on the following areas of study: the workings of Congress, the Presidency, the Supreme Court, and the background to, and heritage of, our government. The economic emphasis in the course will be on the following areas of study: business organization and production, the national economy, international economics, and the political application of economic models. Students will be required to analyze and evaluate the roles and views of political parties currently and throughout history. Students will be required to write an in-depth analysis essay discussing the knowledge that was gained from the research of political parties. The exams used to evaluate students' progress will consist of objective questions, essay questions, and case student evaluation.

**04157 A/B - AP U.S. Government****Grade: 12****1 unit credit**

This course will study and investigate the three branches of the U.S. government and a citizen's responsibility to participate in this government. Students will explore their political ideology and develop personal opinions of the issues that confront the government. Current events will be used to teach government concepts, and students will be expected to think critically and use problem solving skills. Writing critical essays will be emphasized in this course. Students will be challenged to study alternate views of the role of government. This course will be taught at the college level preparing students to pass the advanced placement exam at the end of the course. Outside reading will be required and the course will be challenging, but students will develop an in-depth understanding of U.S. government and politics. **This class is available to take as dual credit with FSCC.**

**04065 - Holocaust Studies****Grade: 10, 11, 12****1/2 unit credit**

Holocaust Studies is open to students who have an interest in, and desire an intense study of this specific era of world history. The class will begin with an historical background of anti-Semitism. They will learn how and why the NAZI party came to have dictatorial power in Germany, and the impact NAZI leadership had in the destruction of 11,000,000 people. This class is structured around project based learning.

**04106 - Decades of Change****Grade: 10, 11, 12****1/2 unit credit**

This course will examine United States history beginning in the 1950's and extending to present day. An emphasis will be placed upon the topics of social and culture change during the US 60's and 70's. These changes will include pop culture and the role of music and media in society. The impact of war, including Vietnam to the War on Terror, will be studied to grasp the understanding of its impact on society. This course will have an emphasis on project based learning.

**04155 - International Relations and Conflict****Grade: 11, 12****1/2 unit credit*****Prerequisite: B or better in World History***

International Conflict and Relations will provide the student a comprehensive examination of major global conflict from the beginning of the 20<sup>th</sup> century to the present. Students will analyze the causes, watershed events, immediate effects and long term ramifications of the following conflicts: World War I, World War II, Cold War, Korea, Vietnam, Desert Storm, and the War on Terrorism. Additionally, students will evaluate the historical basis of multinational peacekeeping organizations and their global role (especially in relation to the aforementioned conflicts).

**04254 - Psychology****Grade: 11, 12****1/2 unit credit**

Psychology is the study of behavior. The course will explore what people do, why they do it, and how they think. The social science of psychology will evaluate parapsychological learning, thinking, intelligence, sensations, perceptions, nervous system, emotion, altered states of consciousness, development, human interaction, personality, and psychological testing. Practical experiments and games will enhance the lecture materials.

**04258 - Sociology****Grade: 11, 12****1/2 unit credit**

Sociology is an introductory general survey class to familiarize students with the sociological perspective. Topics will include: The foundations of society, social inequality, social institutions, social change, economics as a societal force, and the impact of education on society.

**04999 - Historical Conspiracies****Grade: 11, 12****1/2 unit credit*****Prerequisite: World History with a B or better***

Historical Conspiracies will provide the student with a comprehensive examination of major governmental, historical, cultural, extraterrestrial, and worldly issues that have conspiracy factors related to them. Students will analyze the history related to each event, the reason for conspiracy related thought, their own theory of what had occurred, and the immediate impacts and ramifications of said theory.

# PHYSICAL EDUCATION

Course #	Course Name	Units of credit	Grade level			
08001 A/B	PE/Health	1	9			
08005 A/B	Female Athletic Development	1/2	9	10	11	12
08009 A/B	Weight Training & Conditioning	1/2	9	10	11	12
08016 A/B	Sports Fitness	1/2		10	11	12

## **08001 A/B - PE/Health**

**Grade: 9**

**1 unit credit**

Students enrolled in physical education will receive instruction in a variety of sports and recreational activities. Athletic shoes and socks, t-shirt and shorts will be the appropriate attire for all other activities. Emphasis will be on the following:

- Individual and team activities.
- Short-term and lifetime sports.
- Physical fitness (to include strength, endurance, flexibility, anaerobic and aerobic activities).

**Make-up workouts will be required for all absences.** *Note!! Non-dress days will result in a "o" for the day.*

## **08005 A/B - Female Athletic Development**

**Grade: 9, 10, 11, 12**

**1/2 unit credit**

Athletic Development includes instruction in proper methods of weight training, high intensity agility, and speed drills. If there are any physical limitations that would prevent you from performing any lifts you must have teacher approval to take the course. The daily workouts for this class will include stretching, weight training, agility drills, and running. This course is designed for the participant who is serious about becoming stronger, faster and more flexible. **Absence make-up will be allowed only within one week of time from the absence. Non-dress days will be considered an absence. Students who need to be excused by doctor's orders will be given written assignments worth the same number of points as a regular dress out.** *A no-dress will be counted as a "o" for the day at the discretion of the instructor.* Students may enroll for 1 semester or all year.

## **08009 A/B - Weight Training and Conditioning**

**Grade: 9, 10, 11, 12**

**1/2 unit credit**

Weight Training and Conditioning is designed to increase strength, endurance and power for the purpose of physical fitness and application to sports activities. Flexibility and cardiovascular development are also an important part of this course by an aerobic form of conditioning. This course is designed for the participant who is serious about becoming stronger, faster and more flexible. **Make-up workouts will be required for all absences.** *Note!! Non-dress days will result in a "o" for the day.* Students may enroll all year.

## **08016 A/B - Sports Fitness**

**Grade: 10, 11, 12**

**1/2 unit credit**

This class will have an emphasis on conditioning as it relates to sports and activities that the student may participate in during their lifetime. Emphasis will be on the following:

- Individual and team activities.
- Short-term and lifetime sports.
- Physical fitness (to include strength, endurance, flexibility, anaerobic and aerobic activities).

**Make-up workouts will be required for all absences.** *Note!! Non-dress days will result in a "o" for the day.* Students may enroll for 1 semester or all year.

# FINE ARTS

Course #	Course Name	Units of credit	Grade level			
			9	10	11	12
05052 A/B	Theater Arts	1/2	9	10	11	12
05101 A/B	Band	1	9	10	11	12
05103	Marching Band Aux	1/2	9	10	11	12
05105	Jazz Band	1/2	9	10	11	12
05106	Drum Line	1/2	9	10	11	12
05110 A/B	Concert Choir	1/2	9	10	11	12
05111 A/B	Select Choir	1		10	11	12
05113	Music Theory	1/2	9	10	11	12
05154	Intro to Art	1/2	9	10	11	12
05156	Drawing	1/2	9	10	11	12
05157	Painting	1/2	9	10	11	12
05158	Sculpture	1/2	9	10	11	12
05159	Ceramics	1/2	9	10	11	12
05170 A/B	Professional Art	1			11	12
30102	Graphic Design Fundamentals	1/2	9	10	11	12

## 05052 A/B– Theatre Arts

**Grade 9, 10, 11, 12**

**1/2 unit credit**

This course focuses on the study and performance of drama. In this class, students will be introduced to the many features of theatre including acting, set design, stage management, and stagecraft. Students will be selected by application process. Applications are available from instructor, Alison Moore. E-mail at [moorea@usd416.org](mailto:moorea@usd416.org) for further information.

Course fee \$30

## 05101 A/B - Band (marching and concert)

**Grade: 9, 10, 11, 12**

**1 unit credit**

**Prerequisite:** Enrollment may be limited by the instrumentation needs of the ensemble. Students must have at least two years successful (passing grade) band experience or instrumental training. Students who have failed band or have been removed from the organization are not eligible to enroll in subsequent years. Band is a full year class. Students may not enroll in band on a semester basis with the one exception that students enrolled in Marching Band Auxiliary first semester may enroll in Band second semester. Part-time students who are ineligible to participate in extra-curricular events may not enroll in band. Students must provide their own instruments or make arrangements to use school-owned instruments. Students must provide own instrument supplies.

Attendance at all performances is a requirement of the class. Individuals enrolling in high school band are expected to participate in all required events which may include (but are not limited to) the following:

Marching Band Camp, Pep Rallies, Parades, Football Games, Concerts, Marching Band Exhibitions and Festivals, League & State Music Festivals, Ceremonies (Veterans Day, National Anthem @ school events, Graduation, etc.)

Work schedules must be arranged to accommodate participation in required band events. Absence from required events may result in removal from the organization.

There will be a charge for uniform cleaning, maintenance, alterations and a meal fee. Students are financially responsible for their own instrument and supplies (reeds, oil, etc.). In addition, students must purchase marching band shoes, and gloves which will be ordered at the beginning of the year. Course fee: \$50

**05103- Marching Band Auxiliary** (Jazzy Cats) **Grade: 9, 10, 11, 12** **1/2 unit credit**  
*1<sup>st</sup> semester only*

**Prerequisite:** *Students must audition and be chosen for the Jazzy Cats.*

**Band students may enroll in Marching Band Auxiliary first semester and Band second semester.**

Attendance at all performances is a mandatory requirement of the class. Individuals enrolling in Marching Band Auxiliary are expected to participate in all required events which may include (but not limited to) the following:

Marching Band Camp, Pep Rallies, Parades, Football Games, Marching Exhibitions and Festivals Other scheduled events

Work schedules must be arranged to accommodate participation in required band events. Absence from required events may result in removal from the organization.

After the end of football season, members who are also instrumentalists will split their class time between Jazzy Cats and Band rehearsals. Fees for meals and uniform items will be assessed. (See course 05101). *Course fee: \$35*

**05105 - Jazz Band** **Grade: 9, 10, 11, 12** **1/2 unit credit**  
*2<sup>nd</sup> semester only*

**Prerequisite:** *By audition only. Students must be concurrently enrolled in Band. Students must provide their own instruments or make arrangements to use school owned instruments. Students must also provide their own instrument supplies.*

Jazz band is a select performance ensemble. A variety of styles of music are prepared for performance. Attendance at all performances is a mandatory requirement of the class. Individuals enrolling in Jazz Band are expected to participate in all required events which may include (but not limited to) the following:

Basketball Games, Music Festivals, Ceremonies, Band Garage Sale, and Other scheduled events.

Work schedules must be arranged to accommodate participation in required band events. Absence from required events may result in removal from the organization.

**05106 - Drum Line** **Grade: 9, 10, 11, 12** **1/2 unit credit**  
*1<sup>st</sup> semester only*

**Prerequisite:** *By audition only. Students must be concurrently enrolled in Band. All students who play drum line instruments in band (Snare, Tenors, Bass, Cymbals) must enroll in drum line class. Students must provide own earplugs and sticks.*

All marching band requirements must be followed. In addition students must attend any drumline specific event. The goal for this class is to be continually developing abilities as a percussionist. The class will include rehearsal of warm-up exercises, show music, cadences, stand cheers and sight reading. One big goal is being able to perform consistently well at competitions, as well as performing at drumline specific competitions which will be instructed upon during class time.

**05110 A/B – Concert Choir** **Grade 9, 10, 11, 12** **1/2 unit credit**

This course will emphasize vocal ensemble technique including sight-singing, rhythm reading, ear-training and performance etiquette. Concert Choir is performance-oriented with required participation in various concerts, programs, and contests. Guys are responsible for providing their own black socks and black dress shoes. Girls are required to purchase black character shoes at a cost of approximately \$40. Students may enroll in Concert Choir for 1 semester or for the entire year. *Course fee: \$30.00.*

**05111 A/B - Select Choir** **Grade: 10, 11, 12** **1 unit credit**

**Prerequisite:** *By audition only. Students must have taken two semesters of Concert Choir to audition for Select Choir.*

Select Choir is a year-long, performance-oriented class with emphasis on ensemble skills, as well as individual solo work. Literature will include past and present styles both accompanied and a cappella. Participation in concerts, contests, and programs is a requirement of the class. Students will be held accountable by singing by themselves in class.

Individuals who have been accepted in the LHS Select Choir are expected to participate in the following required events, Fall Concert, Audition for State Festival Choir\*\*, Winter Concert, District I Mini-Convention\*\*, Regional Solo-Ensemble Competition, State Large Group Festival, Spring Vocal Concert, State Solo-Ensemble, Competition, National Anthem performances at various events/games, Baccalaureate/Graduation, other scheduled events,

1. Unexcused absences will result in dismissal from the organization.
2. Excused absences must be cleared in advance (with the exception of emergencies).
3. Work schedules must be arranged to accommodate participation in required choir events (see list above). Work is not considered an excused absence. Guys are responsible for their own black dress shoes and socks; girls will need to purchase black character shoes at a cost of approximately \$40.00. There will be a \$30.00 course fee to cover the cost of cleaning and repair of dresses or tuxedos.



**05113 – Music Theory** **Grade 9, 10, 11, 12** **1/2 unit credit**  
*Prerequisite: Must possess basic music literacy as demonstrated by successful enrollment in band or choir for at least two years or successfully demonstrated basic literacy on a music literacy test.*  
Music Theory is the study of how music works. This class will include elements of music notation, the study of musical scores, sight reading, and music history to better understand the inner workings of music.

**05154 - Intro to Art** **Grade: 9, 10, 11, 12** **1/2 unit credit**  
This is a beginning art class that teaches and reviews terminology and basic art techniques. ***This class is a prerequisite for all other art classes.*** Students will explore numerous mediums that may include drawing, painting, ceramics, and sculpture.  
*Course fee \$25*

**05156 - Drawing** **Grade: 9, 10, 11, 12** **1/2 unit credit**  
*Prerequisite: Intro to Art*  
Drawing students will use prior knowledge from Intro to Art to create larger works of art. The student has a choice of what drawing medium to work with. *Course fee: \$20*

**05157 - Painting** **Grade 9, 10, 11, 12** **1/2 unit credit**  
*Prerequisite: Intro to Art*  
Painting is a course designed to teach students the fundamentals of painting; including color theory, value interpretation, and paint application. Students will work primarily in the historically rich medium of oil paints, but students will also gain experience in watercolor and acrylic paint. *Course fee: \$25*

**05158 - Sculpture** **Grade 9, 10, 11, 12** **1/2 unit credit**  
*Prerequisite: Intro to Art*  
This course focuses on building 3 dimensional projects out of plaster, ceramics, cardboard, wood, paper, glass, and wire. Students might have to buy up to \$10 dollars in extra supplies for a found object sculpture.  
*Course fee: \$25*

**05159 - Ceramics** **Grade 9, 10, 11, 12** **1/2 unit credit**  
*Prerequisite: Intro to Art*  
This class introduces students to building with clay using hand building techniques (pinch, coil, and slabs). Functional as well as sculptural applications will be explored. Introduction to traditional and historical ceramic arts will be incorporated into the studio experience. Various glaze and decoration techniques for finishing work will be introduced to the class. Emphasis will be placed on utilizing design elements; line, shape, texture, and color. *Course fee: \$25*

**05170 A/B - Professional Art** **Grade: 11, 12** **1 unit credit**  
*Prerequisite: Minimum "B" in ALL art courses offered*  
Pro Art is an art course designed for highly self-motivated Juniors and Seniors who have completed ALL art classes with a grade of B or better. Students enrolled will have the opportunity to study specific areas of personal interest while developing art portfolios. Students can expect to work in multiple mediums, including paint, graphite, charcoal, ceramics, mixed media, stained glass and others. Student must provide their own materials for this class or purchase supplies from the Art Department. Brushes will need to be purchased and will be used for oil & acrylic painting (brush variety set), these can be purchased at Michael's or Hobby Lobby.

**30102 - Graphic Design Fundamentals** **Grade: 9,10,11,12** **1/2 unit credit**  
This is a fundamentals course providing students a basic understanding of the graphic design process using Adobe Photoshop and Illustrator. Topics include illustration, digital painting, product design, typography, etc. Using the design elements and principles, students explore industry tools, software and equipment and learning composition techniques to develop a quality product. Students will also gain skills in using computer software in fine/visual art applications. *Course fee: \$25*

# ELECTIVE OPTIONS

## AGRICULTURE EDUCATION

Course #	Course Name	Units of credit	Grade level			
18001 A/B	Intro to Ag Science	1	9			
18052 A/B	Horticulture	1		10	11	12
18201 A/B	Ag Business Management	1				12
18301 A/B	Plant & Animal Science	1		10		
18302 A/B	Adv. Plant & Animal Science	1			11	
18401 A/B	Ag Mechanics 1	1			11	12
18402 A/B	Ag Mechanics 2 (Advanced Ag Mechanics)	1				12

### **18001 A/B - Intro to Ag Science**

**Grade: 9**

**1 unit credit**

Intro to Ag Science is a course for all students interested in agriculture. Areas covered will be animal science, crop science, horticulture, and leadership. Emphasis will be placed on the science of production agriculture and agribusiness, especially at the introductory level. The first few weeks of school will be an introduction to ag-science, consisting of a discussion of careers, development of a supervised occupational experience program, general orientation and a study of leadership. Specific areas covered will be the organization of FFA; parliamentary procedure; and writing and giving speeches. Recordkeeping will also be covered using the Kansas FFA Record Book. The rest of the year will be geared toward production agriculture and agribusiness. Field trips will be based on class conduct, participation, and attitude. Competency Based Indexes will be utilized to keep track of the student's progress on skills achieved. *Course fee: \$45.00.*

### **18052 A/B - Horticulture**

**Grade: 10, 11, 12**

**1 unit credit**

This course will cover the basics of indoor plants, greenhouse work, lawns and lawn maintenance, fruit and vegetable production, propagating and growing plants, and gardening. Emphasis will be placed on the science of horticulture, especially in the biology and chemistry fields. Students will also be trained in the area of leadership, personal and social skills, communication skills, job application procedures, and group involvement skills needed for jobs in the horticulture industry. The FFA Organization will be an integral part of this class. Supervised Agriculture Experience Programs will be emphasized in this class. Horticulture careers will be explored. Students will learn the skills necessary to be employed in entry-level and some above-entry-level jobs. Operating a small business, labor management, business facility management, salesmanship will be some of the topics to be covered. Recordkeeping will also be covered, utilizing the Kansas FFA Record Book. Accounting principles will be covered. Competency Based Indexes will be utilized to keep track of student's progress in skills achieved. *Course Fee: \$30*

### **18201 A/B - Ag Business Management**

**Grade: 12**

**1 unit credit**

Ag Business Management emphasizes ag-management (range and crop management, animal management, ag-law, ag-economics, ag-policy, and ag-research), advanced ag-mechanics (advanced welding, machinery repair, etc.), and job/career selection. Competency Based Indexes will be utilized to keep track of the student's progress on skills achieved. *Course fee: \$30*

### **18301 A/B –Plant & Animal Science**

**Grade: 10**

**1 unit credit**

Plant & Animal Science is for all students interested in agriculture and agribusiness. Areas covered will include animal science, crop science, horticulture, leadership, agribusiness, and ag-mechanics. Applied learning in biology and chemistry will emphasize plants, soils, and animals. Computer applications, basic shop skills, welding, and technology as it applies to agriculture will also be covered. All students will be expected to have a SOEP by the third week of school. Competency Based Indexes will be utilized to keep track of the student's progress on skills achieved. *Course Fee: \$30.00.* Students will be required to provide safety glasses.

**18302 A/B - Adv. Plant & Animal Science****Grade: 11****1 unit credit**

Adv. Plant & Animal Science is a one-hour course for all students interested in continuing their education in agriculture. Areas covered will be animal science, crop science, horticulture, leadership, agribusiness, farm management, and ag-mechanics. Students will build on the basics learned in Ag-Sciences I and II, agriculture management, and advanced ag-mechanics (advanced welding, electricity, soil conservation, small engines, machinery repair, etc.). Competency Based Indexes will be utilized to keep track of the student's progress on skills achieved. *Course fee: \$30.00*

**18401 A/B - Ag Mechanics 1****Grade: 11, 12****1 unit credit****18402 A/B – Ag Mechanics 2 (Adv. Ag Mechanics)****Grade: 12****1 unit credit**

**Prerequisite:** *Concurrently enrolled in Adv. Plant and Animal or Ag. Bus. Mgt.*

This is a course designed to provide instruction to students who want to advance their Ag mechanics skills. There will be both classroom and shop instruction. The District Ag Mechanics Contest will be part of the program. Students will be expected to design, build, repair or overhaul a variety of projects. Ag Mechanics will also cover hydraulics, transmission of power, engine and electrical power, advanced welding, and project design and construction. Leadership training will also be provided, especially in the areas of teamwork, time management, interpersonal skills, responsible work habits, and planning and organizational skills. The FFA Organization will be an integral part of the leadership training. Supervised Agricultural Experience Programs will also be covered. Making career decisions, analyzing job opportunities in the area of Ag Mechanics and Ag Technology will be discussed. Recordkeeping will also be covered, utilizing the Kansas FFA Record Book. Accounting principles will be covered. Competency Based Indexes will be utilized to keep track of student's progress on skills achieved in Ag mechanics. Class costs are dependent on project construction. Students will be required to provide safety glasses. *Course fee: \$30*

## **AGRICULTURE CAREER CLUSTER**

### ***Comprehensive Agriculture Science Pathway***

<i>Introductory</i>	· Intro to Ag Science	1.0
<i>Technical</i>	· Plant & Animal Science	1.0
	· Horticulture	1.0
<i>Application</i>	· Agribusiness Management	1.0
	· Advanced Plant & Animal	1.0

### ***Power, Structural, and Technical Systems Pathway***

<i>Introductory</i>	· Intro to Ag Science	1.0
<i>Technical</i>	· Ag Mechanics I	1.0
<i>Application</i>	· Agribusiness Management	1.0
	· Ag Mechanics II	1.0

# BUSINESS/COMPUTERS

Course #	Course Name	Units of credit	Grade level			
10165 A/B	Game Design	1		10	11	12
12009	Business Communications	1/2			11	12
12050	Business Essentials	1/2	9	10	11	12
12053	Entrepreneurship	1/2		10	11	12
12104 A/B	Accounting	1			11	12
12164 A/B	Principles of Marketing	1		10	11	12
22207	Career & Life Planning	1/2	9	10	11	12
22210	Personal Consumer Finance	1/2	9	10	11	12
30103	Audio/Video Production Fund.	1/2	9	10	11	12
30104	Digital Media Technology	1/2	9	10	11	12
30150 A/B	Video Production	1		10	11	12
31001	Introduction to Computer Coding	1/2	9	10	11	12
33108 A/B	Advanced Accounting	1			11	12

### 10165 – Game Design

**Grade: 10, 11, 12**

**1 unit credit**

Video Game Programming and Design is a full year course designed to introduce students to careers in the video game industry. Coursework will include study of the following concepts and software:

- Understanding, appreciation and implementation of acceptable game design
- Game controls, logic rules, theme & concept, art style, level design
- Artistic control of game elements including use of Adobe Photoshop, Scratch
- Beginner-level programming and coding, Python
- Use of game creation software, Game Maker, Alice
- Android App creation
- History of video games - landmark games, creators, studios and companies
- Social interaction & digital citizenship - working within a team, blogging

### 12009- Business Communications

**Grade 11 & 12**

**1/2 unit credit**

Business Communications courses help students to develop an understanding and appreciation for effective communication in business situations and environments. Emphasis is placed on phases of communication: speaking, listening, thinking, responding, reading, writing, communicating nonverbally, and utilizing technology for communication. Business communication functions, processes, and applications in the context of business may be practiced through problem-based projects and real-world application. Students can gain the following certifications: MOS Expert, MOS Master, and/or MOS Microsoft Office Specialist.

### 12050 – Business Essentials

**Grade: 9, 10, 11 12**

**1/2 unit credit**

Business Essentials is an introductory course for all High School Business classes. The goal of this class is to help students develop critical & creative thinking skills in relation to issues in the world of business & governments. Students will be introduced to the functions of modern business practices, including arithmetic skills, vocabulary building, writing skills & vocational guidance in business. Topics include Business in the Global Economic Environment, Business Organization and Management, Business Operations & Technology, & Financial Management.

**12053 - Entrepreneurship****Grade: 10, 11, 12****1/2 unit credit**

This course includes an introduction to starting your own business. Course content helps students to develop a business from scratch. Projects and group work make up a large part of the class. This class would be beneficial to students not only going to college but also those going into the world of work immediately after high school.

**12104 A/B - Accounting****Grade: 11, 12****1 unit credit**

This course introduces the student to competencies necessary for entry-level employment in the accounting field and for college accounting courses required in many colleges. Through the study of the complete accounting cycle, students cover basic principles, concepts and procedures needed for both business and personal applications. Learning comes through the use of theory, problems, and projects. **This class is available to take as dual credit with FSCC. The college credit tuition is paid for through the Senate Bill 155.**

**12164 A/B– Principles of Marketing****Grade: 10, 11, 12****1 unit credit**

This introductory business class will teach business and marketing concepts. This project based course gives students hands-on experience in advertising, selling, and the marketing of products. Students will learn how to make visual displays along with how to price products.

**22207 - Career & Life Planning****Grade: 9, 10, 11, 12****1/2 unit credit**

**\*\*This course is the introductory course for several career pathways (including Culinary and Childhood Dev.).**

Students will work on skills and strategies which will help them to become leaders and team players. The course emphasizes goal-setting, decision-making, time management, problem solving, and stress management. Students will explore various career and lifestyles choices. Lessons about finances and budgeting for individuals and families will be included. Students will practice social skills, manners, and business etiquette in different potential situations.

**22210 - Personal Consumer Finance****Grade: 9, 10, 11, 12****1/2 unit credit**

This course is based on the National Personal Finance Competencies and presents essential knowledge and skills to make informed decisions about real world financial issues. Students will learn how choices influence occupational options and future earning potential. Students will also learn to apply decision-making skills to evaluate career choices and set personal goals. The course content is designed to help the learner make wise spending, saving, and credit decisions and to make effective use of income to achieve personal financial success.

The following National Standards will be taught. 1) Understanding Income; 2) Money management skills; 3) spending and credit; 4) Savings and Investing; 5) Financial planning

**30103 - Audio/Video Production Fundamentals****Grade: 9, 10, 11, 12****1/2 unit credit**

**Recommended to have taken Digital Media Technology**

Audio Video Production Fundamentals provides a basic understanding of producing video for a variety of uses. Topics include analyzing the pre-production, production, and post-production process, as well as explore the equipment and techniques used to develop a quality video production. *Course fee: \$20*

**30104 - Digital Media Technology****Grade 9,10,11,12****1/2 unit credit**

This is an introductory class for all business and technology classes. Students will obtain general knowledge about our economic system, digital citizenship, business organization, business and technology careers, introductory Adobe Photoshop and Video Production skills, Microsoft Office skills (Word, Excel, PowerPoint), and internet skills will be integrated throughout the course. *Course Fee: \$20*

**30150 A/B - Video Production****Grade: 10, 11, 12****1 unit credit**

**Prerequisite: Audio/Video Production Fundamentals with minimum "C" average**

Video Production applies the technical skills learned in Audio Video Production Fundamentals by allowing students to orchestrate projects from setting the objectives to the post-production evaluation. The subject of the presentation may be determined in a number of ways, but must address an authentic need. The complexity of the presentation is not the focus of the course, but the experience of the entire process; storyboarding & scriptwriting, setting up the studio (if applies), acting as videographer and editor to make production fluid and seamless. Most projects are group oriented. Students will be on staff of the *Wildcat Studio Broadcast*, LHS Club/Sports/Activities promotional videos, and creative film. *Course fee: \$20*

**31001 – Introduction to Computer Coding****Grade: 9, 10, 11, 12****½ unit credit**

Intro to Coding is a semester course aimed at exposing students to the world of coding. Coding, the language of the future, is used in every piece of technology. Intro to Coding is intended for students with no previous background, and teaches how to code in a fun and accessible way. Through a series of learning “modules”, including example code, video tutorials, quizzes, programming challenges, and applied programming exercises, this course teaches the foundations of computer science. The course, which is taught in JavaScript, equips students with the programming fundamentals to learn any programming language. The course focuses on the problem solving and critical thinking skills required to properly code, skills that will benefit students in all of their future endeavors. Students will demonstrate their understanding by turning in assignments requiring them to create their own code to perform a required task.

**33108 A/B - Advanced Accounting****Grade: 11, 12****1 unit credit****Prerequisite: Accounting with minimum “C” average**

This course is designed to give the student an opportunity to further develop accounting fundamentals in the following areas: The accounting cycle, accrued items, depreciation methods, departmental accounting, ratios, use of multiple journals, inventory costing methods, specific accounting for partnerships and corporations, corporate taxes, Statement of Cash Flows, and analysis of financial statements. This class would be beneficial for students going to college for Business, Accounting, or Marketing.

**ARTS, A/V TECHNOLOGY &  
COMMUNICATIONS CLUSTER**
**Digital Media Pathway**

<i>Introductory</i>	· Business Essentials	.5
<i>Technical</i>	· 21 <sup>st</sup> Century Journalism	.5
	· Digital Media Technology	.5
	· AV Production Fundamentals	.5
	· Graphic Design Fundamentals	.5
<i>Application</i>	· Video Production	1.0
	· Digital Media Design & Production: Yearbook	1.0

**BUSINESS FINANCE CLUSTER**
**Business Finance Pathway**

<i>Introductory</i>	· Business Essentials	.5
<i>Technical</i>	· Entrepreneurship	.5
	· Personal Consumer Finance	.5
	· Accounting 1	1.0
<i>Application</i>	· Advanced Accounting	1.0

# FAMILY & CONSUMER SCIENCE

Course #	Course Name	Units of credit	Grade level			
16052	Culinary Essentials	1/2	9	10	11	12
19051 A/B	Orientation to Early Childhood Development**	1	9	10	11	12
19052 A/B	Foundations to Early Childhood Development*	1	9	10	11	12
19098 A/B	Early Childhood Applications	2			11	12
19099 A/B	Early Childhood Lab				11	12
34056 A/B	Culinary Arts 1	1		10	11	12
34198 A/B	Culinary Applications	1			11	12
	*Offered in school years beginning with even # **Offered in school years beginning with odd #					

**16052 - Culinary Essentials** **Grade: 9, 10, 11, 12** **½ unit credit**  
 This comprehensive course provides students with knowledge and skills related to commercial and institutional food service establishments. Topics include sanitation and safety procedures, nutrition and dietary guidelines, food preparation, reading a recipe, meal planning, customer service, and restaurant/business management. *Course fee: \$30* to cover the costs of the food for labs and a lab hat.

**19051 A/B – Orientation to Early Childhood Development** **Grade: 9, 10, 11, 12** **1 unit credit**  
*(This course will be offered in school years that begin with an odd number)*  
 This course provides students with knowledge about the physical, mental, emotional, and social growth and development of children during the toddler and preschool years. Main topics include the fundamentals of working with toddlers, and older children; providing healthy environments; evaluating child care settings; and the practices, regulations, and opportunities in the childcare industry. This course will provide students with practical experiences. Advanced topics may include various learning theories; development of activities; operation of a child care center; recognition of childhood diseases, abuse, and neglect; and first/aid emergency training.

**19052 A/B - Foundations to Early Childhood Development** **Grade: 9, 10, 11, 12** **1 unit credit**  
*(This course will be offered in schools year that begin in an even number)*  
 This course provides students with knowledge about the physical, mental, emotional, and social growth and development of children from conception to preschool age, emphasizing the application of this knowledge in child care settings. These courses typically include related topics such as the appropriate care of infants, toddlers, and young children.

**19098 A/B – Early Childhood Applications** **Grade: 11, 12** **2 units credit**  
**19099 A/B - Lab**  
*Prerequisite: Orientations to Early Childhood Development or Foundations of Early Childhood Development.*  
 This course provides workplace experience with children. Goals are typically set cooperatively by the student, teacher, and cooperating teacher. This course will include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace. Students will create a career portfolio in this course. This 2 -block opportunity is designed for students interested in becoming a teacher. Students will work directly with an individual teacher at Rockville Elementary School.

**34056 A/B - Culinary Arts 1** **Grade: 10, 11, 12** **1 unit credit**  
*Prerequisite: Culinary Essentials*  
 This course will study various cooking methods and techniques, kitchen basics, lab planning, nutrition and wellness, and restaurant management. Labs will be used during both semesters. *Course fee: \$30* to cover the costs of the food for labs and a lab hat.

**34198 A/B - Culinary Applications****Grade: 11, 12****1 unit credit****Prerequisite: Culinary Arts 1**

This application level course provides a more in-depth exploration of restaurant management and the food industry. This course allows students to be involved in community and school opportunities, including but not limited to, Senior Citizen Thanksgiving Dinner, Dining in the County and other competitive events, guest speakers from the food industry, and potential field placement. This course also includes classroom activities involving further study of the field or discussion regarding experiences that students encounter in the workplace. Labs will be used both semesters. *Course fee: \$30* to cover the costs of the food for labs and a lab hat.

***HOSPITALITY & TOURISM CLUSTER******Restaurant & Event Management Pathway***

<i>Introductory</i>	· Business Essentials · Career & Life Planning	.5 .5
<i>Technical</i>	· Culinary Essentials · Marketing · Entrepreneurship · Culinary Arts I	.5 1.0 .5 1.0
<i>Application</i>	· Culinary Applications	1.0

***HUMAN SERVICES CLUSTER******Early Childhood Pathway***

<i>Introductory</i>	· Career & Life Planning	.5
<i>Technical</i>	· Orientation to Early Childhood Development · Foundations to Early Childhood Development	1.0 1.0
<i>Application</i>	· Early Childhood Application	1.0



# INDUSTRIAL TECHNOLOGY

Course #	Course Name	Units of Credit	Grade Level			
			9	10	11	12
13207	Introduction to Welding	1/2	9	10	11	12
17002 A/B	Carpentry 1*	1		10	11	12
17007 A/B	Woodworking Principles*	1		10	11	12
21102	Drafting	1/2	9	10	11	12
21107 A/B	CAD Design	1		10	11	12
21150 A/B	Advanced Drafting/CAD (Architectural Design)	1			11	12
38001	Intro to Industrial Tech	1/2	9	10	11	12
38002 A/B	Carpentry 2*	1			11	12
38007 A/B	Cabinetry & Furniture Fabrication*	1			11	12
40050	Automotive Information	1/2	9	10	11	12
40212	Gas Engines & Powertrains	1/2		10	11	12
40214 A/B	Advanced Small Engines/Powertrains	1			11	12
	<i>*Offered alternate school years</i>					

**13207 – Introduction to welding** **Grade: 9, 10, 11, 12** **1/2 unit credit**  
 Welding is designed to help the student become knowledgeable and skilled in all areas of welding. Learning will take place through lectures, demonstrations, skill building activities, and required projects. Grades will be assessed through tests, worksheets, safety rules tests, projects, daily grades and attitude. Students must furnish safety glasses, pliers, coveralls, and gauntlet gloves. This course is designed for students **not** enrolled in the vocational-agriculture program. *Course fee \$30.00*

**17002 A/B – Carpentry 1** **Grade: 10, 11, 12** **1 unit credit**  
**Prerequisite:** *Drafting and Intro to Industrial Technology (This course will be offered in alternate schools years)*  
 Building Trades 1 is designed to help students become more knowledgeable and skilled in hands-on construction techniques. The student will be working with hand and machine tools and learning safe working habits. When weather permits, the projects will consist of garages and storage buildings; otherwise, students will be working in the shop on their own projects. Students will be provided safety glasses but need to provide a tape measure. *Course fee \$30.00*

**17007 A/B – Woodworking Principles** **Grade: 10, 11, 12** **1 unit credit**  
**Prerequisite:** *Intro to Industrial Tech and Drafting (This course will be offered in alternate schools years)*  
 During the first semester, students will make a production project to manufacture and market, following industrial standards. Specific machines and different types of joints will be used in production. Students should come out with an understanding of woodworking technology and safe work habits. During second semester, students will be making required projects and projects of their own. *The approximate cost for projects ranges between \$50-\$100.* Students will be required to provide safety glasses.

**21102 – Drafting** **Grade: 9, 10, 11, 12** **1/2 unit credit**  
 This course introduces students to the technical craft of drawing illustrations to represent and/or analyze design specifications and then refine the skills necessary for this craft. Students will gain knowledge and experience to develop an ability to perform freehand sketching, lettering, geometric construction and multi-view projections. Various drawings will be produced. CAD Design introduces students to the computer-aided drafting systems available in the industry. Students will build upon skills learned in Drafting. Topics include CAD standards and applications as well as advanced 2D drawings. *Course fee: \$30.*

**21107 A/B – CAD Design** **Grade: 10, 11, 12** **1 unit credit**  
**Prerequisite:** *Drafting*  
 This course introduces students to the computer-aided drafting systems available in the industry. Students will build upon skills learned in Drafting. Topics include CAD standards and applications as well as advanced 2D drawings.

**21150 A/B – Advanced Drafting/CAD** **Grade: 11, 12** **1 unit credit**  
**Prerequisite:** *CAD & Drafting*  
 This course expands on student knowledge gained in CAD Design. Students will be introduced to basic 3D drawings. Class emphasis will be on architecture. Students will build a house model to showcase design skills. Drawing exercises will include a full set of house plans (floor, front and side elevations) and landscaping.

**38001 - Introduction to Industrial Technology****Grade: 9, 10, 11, 12****1/2 unit credit**

This course exposes students to opportunities available in construction related trades, such as carpentry, HVAC, electrical, refrigeration, plumbing, and architectural drafting. Students learn about the process involved in construction projects and may engage in a variety of small projects. Course emphasis is on blueprint reading, safety, hand tools and construction math and NCCER credits. It is recommended that this course be taken with drafting. Safety glasses are required. *Course fee \$20.00*

**38002 A/B - Carpentry 2****Grades: 11, 12****1 unit credit****Prerequisite: Carpentry 1****(This course will be offered in alternate schools years)**

This course provides information related to building wooden structures but also commercial structures. The student will engage in hands-on activities such as building storage buildings or garages. Skills learned will include laying sills and joists, constructing walls and trusses, and assembling building systems. Class emphasis on NCCER certification. Students will be provided safety glasses but need to provide a tape measure. *Course fee \$30.00*

**38001A/B – Furniture & Cabinetry Fabrication****Grade: 11, 12****1 unit credit****Prerequisite: Woodworking Principles****(This course will be offered in alternate schools years)**

The second-year student will become knowledgeable and skilled in cabinet making and furniture construction. Using hand and machine tools, the student will design, construct and finish large furniture projects (tables, end tables, china cabinets, and chest of drawers). Students need to have a project in mind. Cost for projects can range from \$150 to \$300. Students will be required to provide safety glasses.

**40050 - Automotive Information****Grade: 9, 10, 11, 12****1/2 unit credit**

The class is the study of the birth, evolution, and design of the modern automobile. Emphasis is on operation principles of four-cycle engines and the identification of key parts. The students will develop an understanding of the internal operation and maintenance of the automotive systems. The class will be composed of 75% class time and 25% lab time. Students will learn the basic maintenance that every car owner should know. Students will be required to provide safety glasses.

**40212 - Small Gas Engines & Powertrain****Grade: 10, 11, 12****1/2 unit credit**

The course will cover the theory of operation of both 2- and 4-cycle engines. Students will be expected to supply a small gas engine. Students will overhaul and repair school engines. This course does not cover automotive technology. *Course fee \$30.00.* Students will be required to provide safety glasses.

**40214 A/B - Advanced Small Engines/Powertrains****Grade 11, 12****1 unit credit****Prerequisite: Small Engines**

This course is a comprehensive, application level course designed to provide students with advanced knowledge and skills common to all small engine operations and repair. *Course fee is \$30.00.* Students will be required to provide safety glasses.

**MANUFACTURING CLUSTER****Production Career Pathway**

Introductory	· Intro to Industrial Tech	.5
	· Welding	.5
Technical	· CAD Design	1.0
Application	· Architectural Design	1.0

**TRANSPORTATION CLUSTER****Facility & Mobile Eq. Maintenance Pathway**

Introductory	· Intro to Industrial Tech	.5
	· Business Essentials	.5
	· Automotive Fundamentals	.5
Technical	· Small Gas Engines	.5
	· Entrepreneurship	.5
Application	· Advanced Small Engines	1.0

**ARCHITECTURE & CONSTRUCTION CLUSTER****Construction Pathway**

Introductory	· Intro to Industrial Tech	.5
	· Drafting	.5
Technical	· Building Trades I OR	1.0
	· Cabinetmaking/Furniture Design I	1.0
Application	· Building Trades II OR	1.0
	· Cabinetmaking/Furniture Design II	1.0

## WORLD LANGUAGE\*

Course #	Course Name	Units of credit	Grade level			
6101H A/B	Honors Spanish 1	1	9			
06101 A/B	Spanish 1	1	9	10	11	12
06102 A/B	Spanish 2	1	9	10	11	12
06103 A/B	Spanish 3	1		10	11	12
06104 A/B	Spanish 4	1			11	12
06105 A/B	Spanish 5	1				12

**\*2 years of World Language is required for Scholars Diploma**

**6101H A/B - Honors Spanish 1**                      **Grade: 9**    **1 unit credit**

**Prerequisite: Exploring Spanish in 6th, 7th or 8th grade within one academic year**

Honors Spanish 1 is a full-year course that will continue the communicative competencies students learned in Exploring Spanish. Students will interpret Spanish texts and communicate interpersonally and presentationally in the target language. The course will be primarily taught in the target language with authentic texts, resources, and thematic units. By the end of the course, the student target language production goal is 50% at the Novice-Mid Level.

**06101 A/B - Spanish 1**                                      **Grade: 9, 10, 11, 12**    **1 unit credit**

Spanish 1 is a full-year course that will introduce students to Spanish language and culture concepts. Students will interpret Spanish texts and communicate interpersonally and presentationally in the target language. The course will be primarily taught in the target language with authentic texts, resources, and thematic units. By the end of the course, the student target language production goal is 50% at the Novice-Mid Level.

**06102 A/B - Spanish 2**                                      **Grade: 9, 10, 11, 12**    **1 unit credit**

**Prerequisite: Spanish 1 or Honors Spanish 1**

Spanish 2 is a full-year course that will continue the competencies students learned in previous Spanish courses. Students will construct and critique texts and presentations in the target language and expand their communication abilities in authentic situations. The course will be primarily taught in the target language with authentic texts, resources, and thematic units. By the end of the course, the student target language production goal is 60% at the Novice-High Level.

**06103 A/B - Spanish 3**                                      **Grade 10, 11, 12**    **1 unit credit**

**Prerequisite: Spanish 2**

Spanish 3 is a full-year course that will continue the competencies students learned in previous Spanish courses. Students will develop and revise texts and presentations in the target language and expand their interpersonal communication abilities in authentic situations. The course will be primarily taught in the target language with authentic texts, resources, and thematic units. By the end of the course, the student target language production goal is 70% at the Intermediate-Low Level.

**06104 A/B - Spanish 4**                                      **Grade 11, 12**    **1 unit credit**

**Prerequisite: Spanish 3**

Spanish 4 is a full- year course that will continue the skills students learned in Spanish 3 and introduce AP themes. Students will create presentations and compare and connect authentic texts in the target language. Students will continue to expand their interpersonal communication skills. The course will be primarily taught in the target language. By the end of the course, the student target language production goal is 80% at the Intermediate-High Level.

**06105 A/B - Spanish 5**                                      **Grade 12**    **1 unit credit**

**Prerequisite: Spanish 4**

Spanish 5 is a full-year course that will continue the competencies students acquired in Spanish IV and expand upon AP themes. Students will design presentations, and investigate and draw conclusions from authentic texts. The course will also emphasize interpersonal and presentational speaking. The course will be primarily taught in the target language. By the end of the course, the student target language production goal is 90% at the Intermediate-High level.

## ADDITIONAL OPTIONS

Course #	Course Name	Units of credit	Grade level			
			10	11	12	
22054 A/B	Peer Tutoring	1		10	11	12
22207 A/B	Jump Start 1 (3 college hours)	1/2			11	12
22209 A/B	Quest (Gifted Independent Study)	1/2	9	10	11	12
22995 A/B	Teacher Assistant/Office Assistant	1/2				12
22998	Work Study	0				12
22999 A/B	Edgenuity/Virtual Courses	Varies	9	10	11	12
89891-8	Early Release/Late Arrival	0				12
13998 A/B	Miami Tech Course – Welding					12
15998 A/B	Miami Tech Course – Criminal Justice					12
17048 A/B	Miami Tech Course - Construction					12

### **22054 A/B - Peer Tutoring**

**Grade: 10, 11, 12**

**1 unit credit**

Peer Tutoring is a class where LHS students will go to Broadmoor or Rockville Elementary School to work with younger students who are experiencing difficulty. They will work with these students within the regular elementary school classroom setting. This class will give students the opportunity to enhance the skills necessary to be an effective peer tutor. You must apply for peer tutoring.

### **22207 A/B - Jump Start 1 (3 college hours)**

**1/2 unit credit**

Jump Start is an elective high school block where students independently enroll in a college course. Students are responsible for the entire process of enrolling in the college course. This includes: enrollment, completing any placement tests needed, and the payment process. Proof of enrollment in an online college class and not continuing education class will be the responsibility of the student and must be presented by the first day of school at Louisburg High School. Grades must be submitted at 9 weeks and the end of the semester to earn elective credit. *Student must also submit form obtained from student services before starting jump start in a block at LHS.* **If a student withdraws from the course within 10 days of the beginning of the semester, they will be enrolled in a course at LHS by student services. If a student withdraws from the course after 10 days of the beginning of the semester the student will be forfeiting the high school credit and receive an F on their high school transcript. Students will be required to follow the same attendance schedule as the high school and will be counted absent if not in attendance for the assigned independent block.**

### **22209 A/B – Quest**

**Grade: 9,10,11,12**

**1/2 unit credit**

This class is designed for students with a gifted IEP. In addition to working toward individual educational goals in an independent study manner, students will reflect on the nature of knowledge and on how we know what we claim to know. This course will promote higher-level thinking and foster critical thinking in students through various student-centered activities and projects. Can enroll in each semester.

### **22995 A/B – Teacher/Office Assistant**

**Grade: 12**

**1/2 unit credit**

The assistant will assist the instructor with general duties of the class. The assistant is under the direct supervision of the instructor at all times and is to be present and on time daily. In order to take this course, a student must meet the following guidelines.

- Student must have excellent attendance during the preceding school year.
- Student must have the approval of the teacher and the principal.
- Student must have a GPA of 2.0 or higher.

**You must ask a teacher if they want a teacher's assistant and complete and submit the application. Only one hour of senior assistant is permitted.**

**22998 - Work Study**  
*1<sup>st</sup> semester only*

**Grade: 12**

**No Credit**

This program is comprised of 1 block of paid release time (7<sup>th</sup> or 8<sup>th</sup> block). No school credit will be earned for this release opportunity. To be eligible, students must be on schedule to graduate, demonstrate responsibility for attendance and discipline, obtain a job BEFORE release time, and maintain a minimum of 10 hours per week. The instructor will maintain contact with the employer for feedback on performance evaluations. Family members do not qualify as employers. **You must complete the form before the start of school to stay enrolled in work study.**

**22999 A/B – Edgenuity/Virtual Courses**

**Grade: 9,10,11,12**

**Credits Vary**

Students at Louisburg High School have the opportunity to enroll in courses taught by our staff or through a virtual platform called Edgenuity. Virtual courses provide personalized, rigorous content with direct-instruction videos and interactive learning tools and resources. Students also have the opportunity to communicate with teachers via e-mail, phone or in person if they have specific questions or need assistance. Courses for elective classes are available. Virtual courses are available for credit or credit recovery. An application form must be completed and approved by the administration to enroll in the virtual program. Courses for credit are free unless subscription based, in which you must contact Student Services for more information. Credit recovery is \$150.00 per 1/2 credit.

**89891-8- Early Release/Late Arrival**  
*2<sup>nd</sup> semester only*

**Grade: 12**

**No Credit**

Participation in the senior early release program from LHS is recommended only for those students who have exhibited social, emotional and psychological maturity. In addition, students must obtain the required number of credits necessary for graduation from Louisburg High School. Early Release/Late Arrival is only available during the second semester of the senior year. **Students are limited to no more than 4 blocks.** You must get the Early Release/Late Start form signed to be approved for Early Release/Late start.

Numerous advanced classes at the high school are designed as college preparatory courses. Early release participants may miss the opportunity to take these courses and may, therefore, be deficient in certain academic areas upon entering college.

**Miami Tech Courses**

The following courses will be offered through FSCC at Paola. Students will need to enroll for two blocks. Students **must apply** to be considered for these courses. Student must also sign agreement form prior to the start of class.

Students will enroll in one of the following programs:

**13998 A/B - Welding**--Each of these classes prepares the student for an industry certificate test. There is a \$40 per credit hour materials fee.

*Courses offered:* Advanced Shielded Metal Arc Welding (3 credits)

**15998 A/B - Criminal Justice**--This course focuses on three areas: law enforcement, the courts, and corrections. The course includes discussion of criminal behavior, and discussion of the theories and types of punishment.

*Courses offered:* Intro to Criminal Justice (3 credits); Criminal Procedures (3 credits); Criminal Justice Interview & Reporting Writing (3 credits); Criminal Investigation (3 credits); Law Enforcement Operations & Procedures (3 credits)

**17048 A/B - Construction**--Each of these classes prepares the student for several industry certificate tests. There is a \$40 per credit hour charge for materials.

*Courses offered:* Safety Orientation (1 credit); Introduction to Craft Skills (3 credits); Carpentry (4 credits; Floors, Walls, Ceilings, Frames (4 credits); Windows, Doors, and Stairs (3 credits)