

# **COURSE PLANNING GUIDE**

**2024-2025**



**SHERRARD HIGH SCHOOL  
DISTRICT 200**

*“Achieving personal success through continuous learning in an ever changing world”*

SHERRARD CUSD DISTRICT 200  
Sherrard Jr/Sr High School  
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Phone: 309-593-2175 Fax 309-593-2775  
Website: [www.sherrard.us](http://www.sherrard.us)

**Mission Statement**

*At Sherrard High School, we will...inspire students to think creatively and develop their own vision for the future, prepare students to navigate an ever-changing world, empower students with the skills to develop their own path to success.*

**Nondiscrimination**

*Sherrard Community Unit #200 ensures equal educational opportunities are offered to students, regardless of race, color, national origin, age, sex, religion, or handicap.*

**Preface**

This registration guide will make it possible for each student to better select a program of study that will meet their interests and aptitudes. Regular and advanced courses are listed for a quick review of the curriculum offered. Course descriptions have been included to aid the student in constructing a four-year program of study.

This guide should be read and studied carefully with attention given to the required, elective, and prerequisite courses. It is our hope that through the use of this registration guide all students will receive the necessary guidance toward graduation and for developing their future.

**\*\*\*\*\* COURSE CHANGES \*\*\*\*\***

**English IV will become a Transitional Course**

**\*\*\*\*\* NEW COURSES \*\*\*\*\***

**AP PreCalculus**

**Robotics**

**Introduction to Guitar**

**History of Rock and Roll**

**\*\*\*\*\* COURSES BEING MOVED TO "ON YEAR" \*\*\*\*\***

**AP Physics**

**\*\*\*\*\* COURSES BEING MOVED TO "OFF YEAR" \*\*\*\*\***

**AP Chemistry**

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## CLASS OF 2025, 2026, AND 2027 GRADUATION REQUIREMENTS

Students in the graduating class of 2025, 2026 and 2027 at Sherrard High School will require a minimum of 26 credits and 10 hours of Volunteer/Community Service. All students may take a maximum of eight (8) credits per year. Study Halls do not earn a credit. The required credits are listed below in **BOLD** and include the following:

<b>Department</b>	<b>Graduation Credits needed</b>
<b>English</b>	<b>4.0</b>
<b>Science</b>	<b>3.0</b>
Biology	1.0
Science Elective	2.0
<b>Math</b>	<b>3.0</b>
Algebra I	1.0
Geometry	1.0
Math Elective	1.0
<b>Social Studies</b>	<b>3.0</b>
US History 1861-1920	0.5
US History	1.0
Government	0.5
Social Studies Elective	1.0
<b>Computer Technology</b>	<b>1.0</b>
<b>Consumer Education</b> (Personal Finance or Consumer Math)	<b>0.5</b>
<b>Health Education</b>	<b>0.5</b>
<b>Physical Education</b>	<b>4.0</b>
<b>Driver Education/Safety</b>	<b>0.5</b>
<b>Music, Art, Foreign Language, or Vocational Education</b>	<b>1.0</b>
<b>ELECTIVES</b>	<b>5.5</b>
<b>TOTAL REQUIREMENTS</b>	<b>26.0</b>
<b>Volunteer/Community Service</b>	<b>10 hours</b>

# CLASS OF 2028 GRADUATION REQUIREMENTS

Students in the graduating class of 2028 and beyond of Sherrard High School will require 2 years of Laboratory science, a minimum of 26 credits and 10 hours of Volunteer/Community Service. All students may take a maximum of eight (8) credits per year. Study Halls do not earn a credit. The required credits are listed below in **BOLD** and include the following:

<b>Department</b>	<b>Graduation Credits needed</b>
<b>English</b>	<b>4.0</b>
<b>Science</b>	<b>3.0</b>
Lab science including Biology	2.0
Science Elective	1.0
<b>Math</b>	<b>3.0</b>
Algebra I	1.0
Geometry	1.0
Math Elective	1.0
<b>Social Studies</b>	<b>3.0</b>
US History 1861-1920	0.5
US History	1.0
Government	0.5
Social Studies Elective	1.0
<b>Computer Technology</b>	<b>1.0</b>
<b>Consumer Education</b> (Personal Finance or Consumer Math)	<b>0.5</b>
<b>Health Education</b>	<b>0.5</b>
<b>Physical Education</b>	<b>4.0</b>
<b>Driver Education/Safety</b>	<b>0.5</b>
<b>Music, Art or Vocational Education</b>	<b>1.0</b>
<b>ELECTIVES</b>	<b>5.5</b>
<b>TOTAL REQUIREMENTS</b>	<b>26.0</b>
<b>Volunteer/Community Service</b>	<b>10 hours</b>

## Promotion Policy

In order to be promoted to the next grade level, students will need to earn the following minimum credits per year:

9<sup>th</sup> grade: 6 credits to be promoted to 10<sup>th</sup> grade

10<sup>th</sup> grade: 12 credits to be promoted to 11<sup>th</sup> grade

11<sup>th</sup> grade: 18 credits to be promoted to 12<sup>th</sup> grade

## Correspondence Course

Sherrard High School will allow a maximum of two (2) credits of coursework through the American School taken after the sixth semester or later of attendance. These courses are for those seniors who will not be able to complete their graduation requirements by the end of their senior year. These courses will not be calculated in GPA or class rank.

## High School Completion Program

Sherrard High School has a working agreement with an Alternative School program for a student needing an alternate school setting. If a student has earned over 50% of the required graduation credits at Sherrard High School and receives counselor/principal approval in advance, they could earn the Sherrard diploma through the alternate school program. **This program would not allow the student to participate in the commencement program at Sherrard High School. In addition, students will no longer receive points toward their GPA.**

## Summer School

Up to two (2) credits of summer school courses will be accepted for graduation. A student, in all cases, must obtain advance approval from the counselor and principal before enrollment in such courses. These courses may not be used in lieu of regular coursework offered at Sherrard High School. However, such credits may be used to repeat a course due to grade failure. These courses will not be calculated in GPA.

## Honor Roll

High Honor Roll            4.0 GPA or Higher

Honor Roll                3.00 - 3.99 GPA

Honor Roll Certificates will be distributed after Semester 1 and Semester 2

## Academic Letter

A Sherrard High School academic letter will be awarded each year based on a student's representation on the semester honor rolls. A student will receive two points for being on the High Honor Roll and one point for being on the Honor Roll. A student who earns three points in a school year will be awarded an academic letter. A student will receive the letter the first time and a gold pin for each succeeding year in which they earn the recognition.

## Work Release

Work Release is open to *seniors* who meet the following criteria:

- Have a job with hours that meet during the time they would be in school (last 2 periods of the day)
- Currently meeting all graduation requirements and “on target” to graduate
- Passing all classes
- Maintaining regular attendance
- Must have principal, counseling and parent/guardian permission

Note: Work Release does not earn a credit.

## Grade Point Average/Latin System

Grade point average (GPA) is determined by the use of quality points, which are cumulative from the end of **Semester 1** of their freshman year. Quality points are calculated based on the grade points earned for each course: for 1 credit earned an A=4, B=3, C=2, D=1, and an F=0. Weighted classes will carry one additional point per passing grade. See Grading Scale below. The maximum number of credits to determine a student's GPA shall be eight (8) credits per year for a total of 32 credits. **Study halls do not earn credit; therefore, they are not used in determining GPA.** A student's GPA will be reported on the student's transcript.

Students will be recognized by the Latin System of Summa Cum Laude for a GPA of 4.3, Magna Cum Laude for GPA of 4.2 and Cum Laude for GPA of 4.0.

## Grading Scale

Percentage range	Grade	Quality Points	Weighted Quality Points
97.00-100	A+	4.3	5.3
93.00-96.99	A	4	5
90.00-92.99	A-	3.7	4.7
87.00-89.99	B+	3.3	4.3
83.00-86.99	B	3	4
80.00-82.99	B-	2.7	3.7
77.00-79.99	C+	2.3	3.3
73.00-76.99	C	2	3
70.00-72.99	C-	1.7	2.7
67.00-69.99	D+	1.3	2.3
63.00-66.99	D	1	2
60.00-62.99	D-	.7	1.7

## COLLEGE INFORMATION

### UNIVERSITY/COLLEGE

#### **Generally accepted guidelines for four year college/university admission purposes are:**

1. Graduation from an accredited high school.
2. Required high school subjects for admission to four year college or university:
  - a. English.....4 credits
  - b. Social Studies.....3 credits
  - c. Mathematics (Algebra I and II, Geom.).....4 credits
  - d. Laboratory Science.....3 credits
  - e. Foreign Language, Music, Art.....4 credits

(Some schools/programs **require** Foreign Language credits. Students should check with a school's admissions department about requirements.)

3. A combination of GPA (grade point average) and scores on college entrance exams, ACT or SAT, are used to determine admission eligibility for most four year colleges and universities. Not all college admissions are the same but the above guidelines should cover all but a very few specialized schools.

### JUNIOR/COMMUNITY COLLEGE

#### **Generally accepted guidelines for Junior/Community Colleges (two year) admission purposes are:**

1. High School diploma or a GED certificate. Most Junior/Community Colleges maintain an "open door" policy for students eighteen years or older.
2. Most schools have their own assessment test to determine the level of coursework for new students. They will accept ACT or SAT scores but usually will not require these tests.
3. Specific high school courses are generally not required for admission to non-transferable programs. However, completion of a tech prep program in high school will provide important background preparation and, in some cases, college credit toward the completion of a certificate or degree.
4. Community Colleges also offer students an excellent choice in that they may take a two year "university parallel" program designed to prepare them to transfer to a four year college. Students interested in completing a "parallel program" should complete the same high school preparation program as those planning to enter a four year university.
5. **It is important that students realize that the majority of people applying to college do so during the fall semester of their senior year.** Because of this, their GPA for the initial application is based only on their freshman, sophomore and junior grades. Each school year is important--so students should not expect good grades received only during their junior and senior years that would automatically allow them to be admitted to the school of their choice.



# NCAA and NAIA Academic Requirements

## Information on Admission Tests and NCAA Eligibility requirements

### Standardized Tests You Need to Take

SAT: Globally recognized college admission test; test how well you know reading, writing, and math and how well you can apply that knowledge. Register at [www.collegeboard.com](http://www.collegeboard.com)

SAT II (Subject Tests): Content-based tests that allow the student to showcase where they excel; only national admission tests where the student chooses the subject matter; Only some schools require or recommend this test for applicants; please check admission requirements for each school. International students may be waived the SAT II test requirement depending on the institution; Domestic students still must take it for required schools. Register at [www.collegeboard.com](http://www.collegeboard.com)

ACT: National College admissions test with subject area tests in English, Math, Reading, and Science; accepted by all 4-year colleges and universities in U.S. Register at [www.actstudent.org](http://www.actstudent.org)

TOEFL (PBT or iBT): measures an international student's ability to use and understand English at the University level; offered as both a paper-based test or internet-based test (depends on location of student). Register at [www.ets.org/toefl](http://www.ets.org/toefl)

### NCAA Division I Core Classes

4 years of English

3 years of math (Algebra 1 or higher)

2 years of natural or physical science (including one year of lab science if offered by your high school)

1 extra year of English, math, or natural or physical science

2 years of social science

4 years of extra core courses (from any category above, or foreign language, non-doctrinal religion or philosophy);

Basic Requirements

Graduate from High School

Earn a minimum required grade-point average in your core courses

Earn a combined SAT or ACT sum score that matches your core-course grade-point average and test score sliding scale (for example, a 2.400 core-course grade-point average needs an 860 SAT).

Eligibility Center Requirements

Register with NCAA Eligibility Center

Have test scores sent to Eligibility Center

### Division II Core Classes

3 years of English

2 years of Math (Algebra 1 or higher)

2 years natural or physical science (including one year of lab science if offered by your high school)

2 additional years of English, math, or natural or physical science (After Aug 1, 2013 the requirement is 3 years)

2 years of social science

3 years of extra core courses (from any category above, or foreign language, non-doctrinal religion or philosophy) (After Aug 1, 2013 the requirement is 4 years)

## Basic Requirements

Graduate from High School

Earn a 2.00 GPA or better in core courses [Calculate your GPA](#).

Earn a combined SAT score of 820 or an ACT sum score of 68

## Eligibility Center Requirements

Register with Eligibility Center

Have test scores sent to Eligibility Center

## Division III Academic Requirements

Colleges and Universities at the DIII Level set their own admission standards and there are no eligibility requirements

Student-athletes will need to contact DIII schools to get information on their policies

## NAIA Academic Eligibility Requirements

### The Standardized Tests You Need to Take

SAT: Globally recognized college admission test; test how well you know reading, writing, and math and how well you can apply that knowledge

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

ACT: National College admissions test with subject area tests in English, Math, Reading, and Science; accepted by all 4-year colleges and universities in the U.S.

Register at [www.actstudent.org](http://www.actstudent.org)

TOEFL (PBT or iBT): measures an international student's ability to use and understand English at the University level; offered as both a paper-based test or internet-based test (depends on location of student)

Register at [www.ets.org/toefl](http://www.ets.org/toefl)

### NAIA Eligibility Basic Requirements

Graduate High School or be accepted as a regular student in good standing

Meet two of the three following requirements:

- 1) Achieve a minimum of 18 on the ACT or 860 on the SAT
- 2) Achieve a minimum overall high school GPA of 2.0
- 3) Graduate in the top half of your high school class

If you do not meet 2 of the 3 requirements, you will not be allowed to participate in athletics for the first full year of attendance

### NAIA Transfers

Transfers must "sit out" 16 weeks (112 calendar days) unless they only attended a 2-year college previously or never competed at a previous 4-year institution or have a 2.0 GPA and written release from the previous 4-year institution.

## REGISTRATION PROCEDURES

At the beginning of the 2nd Semester, registration will be held for the following school year. Each student will meet with a counselor to make, create or modify their Academic Plan to be sure they are signing up for the correct courses. Students will be required to return a parent signed form confirming that the parents agree with the students' course selections.

Students and Parents/Guardians also have access to their Academic Plan through their Student and/or Parent/Guardian Portal. The Academic Plan allows schools to plan a student's academic plan through their entire high school career, from 8th grade students moving into 9th grade all the way through their senior year. The Academic Planner displays the student's assigned Academic Program and the courses the student has planned to take in each school year (represented by grade level). Students will have access to their Academic Planner for the school year but will only have access to make changes from August until December. Counselors have similar access to this that allows them to see your chosen courses and make modifications, if necessary. Based on the assigned Academic Program, students must meet credit requirements and course requirements and the goal is to meet each requirement for each grade level.

Along with the Academic Plan you will also be able to view the student's Graduation Progress. The Graduation Progress tool allows Students and Parents/Guardians a color-coded view of all courses within a student's progress toward completion of a Graduation Plan.

Students' schedules will be determined by a computerized scheduling program. Any change in the student's schedule after it is finalized will occur only with the complete agreement of school officials. **No schedule changes will be allowed after the first 5 full days of school.** See school handbook for specific details on changing or dropping a class. **If a student drops a class after the first 5 full days of school it will be shown on their transcript as a withdrawal/fail.** For this reason, it is very important that the student picks the course that best fits their academic needs.

Programs		Progress		Course Plan					
Academic Plan Progress									
Assigned Graduation Program: SHS Grad Program Class 2024 and after (Graduation)									
Assigned Academic Programs: No Academic Programs Assigned									
View progress toward Graduation or Academic Program: SHS Grad Program Class 2024 and after (Graduation)									
* Asterisks indicate student does not meet requirement									
Credit Type	09	10	11	12	Credit Status			Overflow	Total
					ER	IP	PL		
English	1.0 / 1.0	1.0 / 1.0	1.0 / 1.0	1.0 / 1.0	0.0	1.0	3.0		4.0 / 4.0
Mathematics	1.0 / 1.0	1.0 / 1.0	1.0 / 1.0	1.0 / 0.0	0.0	1.0	3.0	-1.0	3.0 / 3.0
Science	1.0 / 1.0	1.0 / 1.0	1.0 / 1.0		0.0	1.0	2.0		3.0 / 3.0
Social Studies	0.5 / 0.5	1.0 / 1.0	1.0 / 1.0		0.0	0.5	2.0		2.5 / 2.5
Government			0.5 / 0.0	0.0 / 0.5	0.0	0.5	0.5		0.5 / 0.5
Personal Finance			0.5 / 0.0	0.0 / 0.5	0.0	0.5	0.5		0.5 / 0.5
Computers	1.0 / 0.0		1.0 / 0.0	0.0 / 1.0	0.0	1.0	1.0	-1.0	1.0 / 1.0
Drivers Education		0.5 / 0.0		0.0 / 0.5	0.0	0.5	0.5		0.5 / 0.5
Health	0.5 / 0.0			0.0 / 0.5	0.0	0.5	0.5		0.5 / 0.5
Physical Education	1.0 / 1.0	1.0 / 1.0	1.0 / 1.0	1.0 / 1.0	0.0	1.0	3.0		4.0 / 4.0
Special Forces	1.0 / 0.0	1.0 / 0.0	1.0 / 0.0	1.0 / 1.0	0.0	1.0	3.0	-3.0	1.0 / 1.0
Elective	0.0 / 2.0	0.0 / 1.5	0.5 / 2.0		0.0	0.5	5.0		5.5 / 5.5
<b>Total</b>	<b>7.0 / 6.5</b>	<b>6.5 / 6.5</b>	<b>8.5 / 7.0</b>	<b>4.0 / 6.0</b>	<b>0.0</b>	<b>7.0</b>	<b>19.0</b>		<b>26.0 / 26.0</b>

  

Course Requirements	Progress
Driver Education	0.5 / 0.5
You must complete 2.5 credits for Social Studies.	2.5 / 2.5
You must complete one credit for Computer Technology.	1.5 / 1.0
You need to complete four credits of English.	4.0 / 4.0
You need to complete four credits of Physical Education.	4.0 / 4.0
You need to complete three credits for Science.	3.0 / 3.0
You need to complete three credits in Mathematics.	4.0 / 3.0
You should complete Health during your freshman or sophomore year.	0.5 / 0.5
You should take Government during your Junior or Senior year.	0.5 / 0.5
You should take Personal Finance during your Junior year.	0.5 / 0.5

  

Test Requirements	Evaluation Criteria	Progress
Students must take the SAT (Scholastic Aptitude Test)	One test score is at or above Scale: 1,000	*Not taken

  

Compound Requirements	Progress
PE Graduation Requirement	Complete

Program: SHS Grad Program Class 2024 and after (Graduation) Counselor: Eslovell, Stacy <a href="mailto:stacyeslovell@starnet.us">stacyeslovell@starnet.us</a>			
Approved by parent/legal guardian			
Grade: 09	Grade: 10	Grade: 11	Grade: 12
0.0 / 1.0	0.0 / 1.0	0.0 / 1.0	0.0 / 1.0
English (0.0 / 4.0)			
ALERT: Not enough credits selected in English to meet the minimum plan requirements. ALERT: Course Requirement not met. You need to complete four credits of English.			
0.0 / 1.0	0.0 / 1.0	0.0 / 1.0	0.0 / 0.0
Mathematics (0.0 / 3.0)			
ALERT: Not enough credits selected in Mathematics to meet the minimum plan requirements. ALERT: Course Requirement not met. You need to complete three credits in Mathematics.			
0.0 / 1.0	0.0 / 1.0	0.0 / 1.0	0.0 / 0.0
Science (0.0 / 3.0)			
ALERT: Not enough credits selected in Science to meet the minimum plan requirements. ALERT: Course Requirement not met. You need to complete three credits in Science.			
0.0 / 1.0	0.0 / 1.0	0.0 / 1.0	0.0 / 0.0
Social Studies (0.0 / 2.5)			
ALERT: Not enough credits selected in Social Studies to meet the minimum plan requirements. ALERT: Course Requirement not met. You must complete 2.5 credits for Social Studies.			
0.0 / 0.0	0.0 / 0.0	0.0 / 0.0	0.0 / 0.5
Government (0.0 / 0.5)			
ALERT: Not enough credits selected in Government to meet the minimum plan requirements. ALERT: Course Requirement not met. You should take Government during your Junior or Senior year.			
0.0 / 0.0	0.0 / 0.0	0.0 / 0.0	0.0 / 0.5
Personal Finance (0.0 / 0.5)			

## ELECTIVE CHOICES

### Semester long courses

#### **9th Grade**

Computers I	9-12
Computers II	9-12
Intro to Comp Prog	9-12

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#### **10th Grade**

Ag Const & Tech	10-12
Current Events	10-12
Desktop Publishing	10-12
Early Childhood Ed	10-12
Foods I & II	10-12
History of Rock & Roll	10-12
Intro to Guitar	10-12
Parenting	10-12
Psychology	10-12
Video Game Design	10-12
Web Design	10-12
Woods	10-12
World Geography	10-12

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#### **11th Grade**

Botany	11-12
Business Own Mngmt	11-12
Creative Writing	11-12
Economics	11-12
Environmental Science	11-12
History of Sports	11-12
Marketing	11-12
Sociology	11-12
Speech & Drama	11-12

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#### **12th Grade**

Senior Life Skills	12
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### Full year courses:

#### **9th Grade**

Art I	9-10
Band	9-12
Choir	9-12
Intro to Ag	9-10
Intro Business	9-10
Life/Clothing	9-11
Percussion Ensemble	9-12
Spanish I	9-11
Spanish II	10-12

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#### **10th Grade**

Accounting I	10-12
Ag Science	10-11
Art 2	10-12
Basic Ag Mech	10-11
Business Law	10-12
Chromebook Maint	10-12
Honors Chemistry	10-12
Music Theory	10-12
Natural Resources	10-12
Robotics	10-12
Spanish II	10-12
World History	10-12
Zoology	10-12

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#### **11th Grade**

Accounting II	11-12
Ag Business	11-12
Ag Communications	11-12
Ag Metal Fab I	11-12
Algebra II	11-12
AP Biology	11-12
AP Chemistry	11-12
AP Computer Science	11-12
AP Physics	11-12
AP PreCalculus	11-12
AP Stats	11-12
Art 3	11-12
Art 4	11-12
Consumer Math	11-12
Forensics	11-12
General Chemistry	11-12
Honors Algebra II	11-12
Horticulture	11-12
Human Anat & Phys	11-12
Mathematics Aide	11-12
Media Comm/Prod I	11-12
Physics I	11-12
Pre-Calculus	11-12
Spanish III	11-12
Vet Science	11-12

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#### **12th Grade**

Ag Metals Fab II	12
AP Calculus	12
Education Aide	12
Media Comm/Prod II	12
Probability & Statistics	12
Spanish IV	12
Spanish V	12

# Freshman

**English (1 credit) required**

**Science (1 credit) required**

**Math (1 credit) required**

**Physical Education (1 credit) required**

**US History 1861-1920 (½ credit) required**

**Driver's Education (½ credit) required (if you meet age guidelines) or Health (½ credit)**

**Electives (3 credits)**

9th grade (This chart is an example. Actual course times will vary)

	Semester 1	Semester 2
1st period	English I or	Honors English I
2nd period	Algebra I or	Honors Geometry
3rd period	US History 1861-1920	Drivers Ed or Health
4th period	PE or	Personal Fitness
5th period	Physical Science or	Honors Biology
6th period	Elective (See page 11)	Elective (See page 11)
7th period	Elective (See page 11)	Elective (See page 11)
8th period	Elective (See page 11)	Elective (See page 11)

**See page 11 for Elective choices.**

# Sophomore

English (1 credit) required

Science (1 credit) required General Biology if not taken, for Honors track - Science Elective

Math (1 credit) required

Physical Education (1 credit) required

Drivers Ed (½ credit) required if not already completed

Health (½ credit) required if not already completed

Electives (2-3 credits)

10th grade (This chart is an example. Actual course times will vary)

	Semester 1	Semester 2
1st period	English II or	Honors English II
2nd period	Geometry or	Honors Algebra II
3rd period	General Biology if not taken; otherwise elective	for Honors track - Science elective
4th period	PE or	Personal Fitness
5th period	Drivers ED or	Health or Elective (See page 11)
6th period	Elective (See page 11)	Elective (See page 11)
7th period	Elective (See page 11)	Elective (See page 11)
8th period	Elective (See page 11)	Elective (See page 11)

**See page 11 for Elective choices.**

# Junior

English (1 credit) required

Computers (1 credit) required (if not already completed)

Government (.5 credit) required

Math (1 credit) required

Science (1 credit) required

Personal Finance (.5 credit) required

Physical Education (1 credit) required

U.S. History 1920-Present (1 credit) required

Electives (3-4 credits)

11th grade (This chart is an example. Actual course times will vary)

	Semester 1	Semester 2
1st period	English III or Technical English I	or AP Lang & Comp
2nd period	Algebra II or Consumer Math	or Honors Pre-Calculus
3rd period	US History	US History
4th period	PE	or Personal Fitness
5th period	Government	Personal Finance
6th period	Science Elective	Science Elective
7th period	Elective (See page 11)	Elective (See page 11)
8th period	Elective (See page 11)	Elective (See page 11)

**See page 11 for Elective choices.**

Area Career Center courses and Dual Credit courses are available - ask a counselor for information for the Area Career Center. Dual Credit courses and descriptions are in the course guide.

# Senior

**English (1 credit) required**

**Physical Education (1 credit) required**

Personal Finance (.5 credit) *required if not previously completed*

Social Studies (1 credit) *required if not previously completed*

Government (.5 credit) *required if not previously completed*

Computer Tech (1 credit) *required if not previously completed*

Electives (3-6 credits)

12th grade (This chart is an example. Actual course times will vary)

	Semester 1	Semester 2
1st hour	English IV or Technical English II	AP Lit & Comp or Dual Credit
2nd hour	If you take (Dual credit) classes, dual credit classes will be 1st & 2nd hours	Otherwise Elective
3rd hour	PE or	Personal Fitness
4th hour	Elective (See page 11)	Elective (See page 11)
5th hour	Elective (See page 11)	Elective (See page 11)
6th hour	Elective (See page 11)	Elective (See page 11)
7th hour	Elective (See page 11)	Elective (See page 11)
8th hour	Elective (See page 11)	Elective (See page 11)

**See page 11 for Elective choices.**

Area Career Center courses and Dual Credit courses are available - ask a counselor for information, courses and descriptions are in the course guide.



## PATHWAYS IN ENGLISH

GRADE	WORKFORCE	TECHNICAL OR COMMUNITY COLLEGE	COLLEGE PREP	HONORS COLLEGE PREP
9	English I	English I	English I	Honors English I
10	English II	English II	English II	Honors English II
11	English III Or Technical English and Communication I	English III Or Technical English and Communication I	English III	AP Lang & Comp
12	English IV Or Technical English and Communication II	English IV Or Technical English and Communication II And/ Or Dual Enrollment	English IV And/Or Dual Enrollment	AP Lit & Comp And/Or Dual Enrollment

### **ENGLISH I (State Course Code 01001A000)**

English I is the first of two required writing intensive courses. This course is designed to improve the students writing, reading comprehension, and oral language skills. A survey of literature styles including the short story, poetry, informational text, drama, and novels will be stressed. Writing is a continuous process as a part of the literature unit, as well as speaking and listening activities.

**COURSE NUMBER: 600-S1 & 600-S2**

**CREDIT: 1.0**

**GRADE LEVEL: 9**

**PREREQUISITE: None**

### **ENGLISH II (State Course Code 01101A000)**

English II is the second of two required writing intensive courses and includes a formal research project. This course is designed to improve the students' writing, reading comprehension, and oral language skills. A survey of world literature, including short stories, poetry, informational text, drama and novels will be addressed.

**COURSE NUMBER: 601-S1 & 601-S2**

**CREDIT: 1.0**

**GRADE LEVEL: 10**

**PREREQUISITE: English I**

### **ENGLISH III (State Course Code 01054A000)**

In English III, the students will rigorously examine traditional American Literature and informational text articles independently. The course will include various forms of writing, speaking skills, and test taking skills.

**COURSE NUMBER: 602-S1 & 602-S2**

**CREDIT: 1.0**

**GRADE LEVEL: 11**

**PREREQUISITE: English II**

### **TECHNICAL ENGLISH AND COMMUNICATION I (State Course Code 01156A000)**

Students will read traditional American Literature and informational text articles. The course will include various forms of writing and speaking skills. This class is designed for students who will attend a two year program, technical program, or military program after high school. The class will focus on career based writings and speeches. The class will also work on problem solving and test taking skills, interviewing and resume building, and requires four hours per semester (8 total hours) of volunteer work in a position at school or in the community.

**COURSE NUMBER: 614-S1 & 614-S2**

**CREDIT: 1.0**

**GRADE LEVEL: 11**

**PREREQUISITE: English II & Teacher Recommendation**

### **ENGLISH IV (State Course Code 01004A001)~ Transitional English Course**

Transitional English courses are college preparatory courses that develop student skills in reading, critical thinking and analysis, and writing to support student success across majors and career pathways while aligning with the Illinois Learning Standards. Transitional English courses address, at minimum, the following domains and competencies: reading (active reading strategies, summarization of a text, analysis and interpretation of texts), writing (identification of and writing processes based on audience, purpose and task, incorporation and documentation of relevant information), and critical thinking and analysis (credibility and reliability of evidence, engagement with evidence, information literacy skills). Additionally, the course emphasizes domains of metacognition and essential skills to develop self-awareness and overall college and career readiness. Upon completion students should be able to adapt their approaches and strategies as they engage in reading and writing tasks; analyze, evaluate, and synthesize while reading and writing; and demonstrate information literacy skills as an engaged reader and as a contributing writer. The course is delivered through an approach that integrates instruction across the competency domains and organizes the course pedagogy and selected texts around themes, critical issues, or concepts that foster critical thinking, reading, and writing skills

**COURSE NUMBER: 603-S1 & 603-S2**

**CREDIT: 1.0**

**GRADE LEVEL: 12**

**PREREQUISITE: English III**

### **TECHNICAL ENGLISH AND COMMUNICATION II (State Course Code 01148A000)**

This course is designed to improve and broaden writing and communication skills through a variety of formal and informal experiences. Students are presented with a variety of teacher led college-level reading assignments, including novels and essays. The writing requirements include numerous formal argumentative and informative essays and papers. Formal oral projects will also be a focus. This course is a continuation of Technical English and Communication I and will concentrate on those skills practiced in Technical English and Communication I. In this course, debate and public speaking take a forefront to prepare the student for life after high school.

**COURSE NUMBER: 615-S1 & 615-S2**

**CREDIT: 1.0**

**GRADE LEVEL: 12**

**PREREQUISITE: Technical English and Communication I and its prerequisites**

## HONORS PROGRAM

### **HONORS ENGLISH I (State Course Code 01001A000)**

This is the first course of the English Honors path and is the first of two required writing intensive courses. The course is designed to incorporate literature and writing. The types of literature studied are short stories, drama, and novels. Assignments will overlap. This course is designed to prepare students for the college pace and AP courses. All students are required to earn at least a "C" to stay in the Honors program. Those who fail to meet this expectation will be removed from the Honors Sequence at the end of the course. **Weighted Course.**

**COURSE NUMBER: 604-S1 & 604-S2**

**CREDIT: 1.0**

**GRADE LEVEL: 9**

**PREREQUISITE: Teacher Recommendation, Placement Test**

### **HONORS ENGLISH II (State Course Code 01101A000)**

This is the second course of the English Honors path and is the second of two required writing intensive courses, with formal writing as the main focus. The genres studied include short stories, novels, poetry, informational text and drama mainly from world literature. The curriculum will include the reading of several novels. Students are required to earn at least a "C" to stay in the Honors program. Those who fail to meet this expectation will be removed from the Honors Sequence at the end of the course. **Weighted Course.**

**COURSE NUMBER: 605-S1 & 605-S2**

**CREDIT: 1.0**

**GRADE LEVEL: 10**

**PREREQUISITE: Honors English I with C average or above**

### **AP ENGLISH LANGUAGE AND COMPOSITION (State Course Code 01005A000)**

This course engages students in becoming skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects, as well as the way genre conventions and the resources of language contribute to effectiveness in writing. Students must take the AP exam, which costs approximately \$90 and is paid by the district. Per discussion with the dual enrolled institution used by Sherrard High School, if students pass the AP class, dual enrolled English 101 will not be allowed as it is in the same class. **Weighted Course.**

**COURSE NUMBER: 115-S1 & 115-S2**

**CREDIT: 1.0**

**GRADE LEVEL: 11**

**PREREQUISITE: Honors English II with a C average or above**

### **AP ENGLISH LITERATURE AND COMPOSITION (State Course Code 01006A000)**

This course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to prove both meaning and pleasure for their readers. As they read, students consider a work's structure, style and themes, as well as such smaller scale elements as the use of figurative language, imagery, symbolism and tone. Students must take the AP exam, which costs approximately \$90 and is paid by the district. **Weighted Course.**

**COURSE NUMBER: 116-S1 & 116-S2**

**CREDIT: 1.0**

**GRADE LEVEL: 12**

**PREREQUISITE: AP Lang & Comp with a C average or above**

## ENGLISH ELECTIVES

### **CREATIVE WRITING (01104A000)**

This course will offer students the opportunity to develop and improve their technique and individual style in genres such as poetry, short story, drama, essays, and other forms of prose. The emphasis of the course is on writing; however, students may study exemplary representations and authors to obtain a fuller appreciation of the form and craft. This is an elective course and does not fulfill the English requirement for graduation.

**COURSE NUMBER: 184**

**GRADE LEVEL: 11-12**

**CREDIT: 0.5**

**PREREQUISITE: None**

### **SPEECH AND DRAMA (01151A000)**

This course will include one quarter of focus primarily on speech and another primarily on drama, recognizing the two topics intersect. This will enable students to develop communication skills that can be used in a variety of speaking and drama situations (such as small and large group discussions, reader's theater, delivery of lectures or speeches in front of audiences, stage performances and so on). Course topics may include, but are not limited to, research and organization, argumentative style and skill, effective presentation of one's voice and body, writing for verbal delivery, stylistic choices, visual and presentation skills, analysis and critique, and development of self-confidence. This is an elective course and does not fulfill the English requirement for graduation.

**COURSE NUMBER: 820**

**GRADE LEVEL: 11- 12**

**CREDIT: 0.5**

**PREREQUISITE: None**

# MATHEMATICS

Freshman	Sophomore	Junior	Senior
Algebra I	Geometry	Algebra II	Precalculus and/or <b>Probability and Statistics</b>
		Algebra II and	AP Statistics or <b>Probability and Statistics</b>
		Consumer	<b>Probability and Statistics</b> Algebra II (by teacher rec only)
Algebra IA	Geometry A		
Honors Geometry	Honors Algebra II	AP Precalculus AP Statistics	AP Calculus or AP Statistics
<b>(took 8th grade Algebra I)</b>	<b>Honors Algebra II and Probability and Statistics</b>	AP Precalculus and AP Statistics	AP Statistics or Probability and Stats (as long as not taken AP)

**ALGEBRA IA (State Course Code 02052A000)**

Algebra IA is designed to emphasize the study of variables, inequalities, equalities, equations and their solutions, axioms and theorems, graphing, polynomials, factors, and other topics at a less rigorous pace.

**COURSE NUMBER: 110-S1 & 110-S2**  
**GRADE LEVEL: 9-12**  
**CREDIT: 1.0**  
**PREREQUISITE: Teacher Recommendation**

**ALGEBRA I (State Course Code 02052A000)**

Algebra I includes the study of variables, inequalities, equalities, equations and their solutions, axioms and theorems, graphing, polynomials, factors, and other topics.

**COURSE NUMBER: 111-S1 & 111-S2**  
**GRADE LEVEL: 9-12**  
**CREDIT: 1.0**  
**PREREQUISITE: Teacher Recommendation**

**GEOMETRY A (State Course Code 02072A000)**

Geometry A is designed to emphasize the study of the properties and applications of common geometric figures in two and three dimensions. Inductive and deductive thinking skills are used in problem solving situations, and applications to the real world are stressed at a less rigor of a pace. All students will be required to take one credit of Geometry to fulfill the State of Illinois math requirement.

**COURSE NUMBER: 284-S1 & 284-S2**  
**GRADE LEVEL: 10-12**  
**CREDIT: 1.0**  
**PREREQUISITE: Teacher Recommendation**

**GEOMETRY (State Course Code 02072A000)**

Geometry is the study of visual patterns and relationships to other mathematics. It also helps develop logical reasoning and other learning skills useful throughout life. This class includes topics such as area, volume, transformations, reasoning, patterns, and more. It also emphasizes writing proofs to solve (prove) properties of geometric figures. A scientific calculator is necessary for area and volume calculations. All students will be required to take one credit of Geometry to fulfill the State of Illinois math requirement.

**COURSE NUMBER: 280-S1 & 280-S2**

**GRADE LEVEL: 10-12**

**CREDIT: 1.0**

**PREREQUISITE: Algebra I with a C or higher or permission of instructor**

**ALGEBRA II (State Course Code 02056A000)**

During the first semester, such topics as: linear equations and inequalities, factoring polynomials, rational expressions, radicals and rational number exponents, the quadratic formula, and complex numbers will be covered. The second semester will consist of topics such as: functions, conic sections, binomial expansions, and trigonometric functions.

**COURSE NUMBER: 112-S1 & 112-S2**

**GRADE LEVEL: 11-12**

**CREDIT: 1.0**

**PREREQUISITE: Geometry with a C or higher or permission of instructor**

**CONSUMER MATH (State Course Code 02157A000)**

This course is an application of mathematics to life skills. Areas covered include a brief review of arithmetic skills; income, banking, and credit; transportation; housing; taxes, insurance, and investments; and purchasing and budgeting. This will fulfill one credit of the State of Illinois math requirement. This course will also fulfill the Consumer Education requirement.

**COURSE NUMBER: 183-S1 & 183-S2**

**GRADE LEVEL: 11-12**

**CREDIT: 1.0**

**PREREQUISITE: Geometry A or Teacher Recommendation**

**PRE CALCULUS (State Course Code 02106A000)**

This course includes the study of trigonometry, advanced algebra, theory of equations and analytic geometry. The first semester emphasis is on trigonometry and the emphasis the second semester is on elementary mathematical analysis. Students who complete the course should be prepared for calculus and other first year college mathematics courses.

**COURSE NUMBER: 402-S1 & 402-S2**

**GRADE LEVEL: 11-12**

**CREDIT: 1.0**

**PREREQUISITE: Algebra II with a C or higher or permission of instructor**

### **PROBABILITY & STATISTICS (State Course Code 02201A001) ~ Transitional Math Course**

Math course framework designed to prepare and transition students directly into college and career pathways requiring general education college level math competencies in quantitative literacy and statistics. The competencies within each domain should include, but are not limited to: numeracy (operation sense, estimation, measurement, quantitative reasoning, basic statistics, and mathematical summaries), application based algebraic topics, and functions and modeling. Upon completion students should be able to: demonstrate proficiency and understanding in basic numeracy competencies in whole numbers, integers, fractions, and decimals, use estimation and explain/justify estimates, apply quantitative reasoning to solve problems involving quantities or rates, use mathematical summaries of data such as mean, median, and mode, use and apply algebraic reasoning as one of multiple problem-solving tools, and use functions and modeling processes. Course to be delivered through authentic application, problem based instruction designed to build mathematical conceptual understanding and critical thinking skills. **This course cannot be counted as a student's third Mathematic credit.**

**COURSE NUMBER: 802-S1 & 802-S2**

**GRADE LEVEL: 12**

**CREDIT: 1.0**

**PREREQUISITE: 3 years of mathematics credits**

## **MATHEMATICS HONORS PROGRAM**

**Note: In order to move from Non-Honors to the Honors path, the Instructional Leader must approve the teacher's request.**

### **GEOMETRY-HONORS (State Course Code 02072A000)**

Geometry is the study of visual patterns and relationships to other mathematics. It also helps develop logical reasoning and other learning skills useful throughout life. This class includes topics such as area, volume, transformations, reasoning, patterns, and more. These topics are covered with additional rigor and depth in this class. A scientific calculator is necessary for area and volume calculations. All students will be required to take one credit of Geometry to fulfill the State of Illinois math requirement. **Weighted Course**

**COURSE NUMBER: 281-S1 & 281-S2**

**GRADE LEVEL: 9-10**

**CREDIT: 1.0**

**PREREQUISITE: 8th grade Algebra and pass Algebra placement test**

### **ALGEBRA II-HONORS (State Course Code 02056A000)**

During the first half, such topics as: linear equations and inequalities, factoring polynomials, rational expressions, radicals and rational number exponents, the quadratic formula, and complex numbers will be covered. The second semester will consist of topics such as: functions, conic sections, binomial expansions, and trigonometric functions. These topics are covered with additional rigor and depth in this class. **Weighted Course**

**COURSE NUMBER: 113-S1 & 113-S2**

**GRADE LEVEL: 10**

**CREDIT: 1.0**

**PREREQUISITE: Honors Geometry with B- or higher or permission of instructor**

### **AP PRECALCULUS (State Course Code 02114A000)**

In AP Precalculus, students explore everyday situations using mathematical tools and lenses. Through regular practice, students build deep mastery of modeling and functions, and they examine scenarios through multiple representations. They will learn how to observe, explore, and build mathematical meaning from dynamic systems, an important practice for thriving in an ever-changing world.

AP Precalculus prepares students for other college-level mathematics and science courses. The framework delineates content and skills common to college precalculus courses that are foundational for careers in mathematics, physics, biology, health science, social science, and data science. **Weighted Course**

**COURSE NUMBER: 913-S1 & 913-S2**

**GRADE LEVEL: 11**

**CREDIT: 1.0**

**PREREQUISITE: Honors Algebra II with a B or higher or permission of instructor**

### **AP STATS (State Course Code 02203A000)**

The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. This class will serve as a great introduction to Statistics for those students who might have to take a Stats class in college. Students must take the AP test at the end of this course. **Weighted Course**

**COURSE NUMBER: 120-S1 & 120-S2**

**GRADE LEVEL: 11-12**

**CREDIT: 1.0**

**PREREQUISITE: Honors Algebra II with a C or higher**

### **MATHEMATICS AIDE (State Course Code 02995A000)**

This course offers students the opportunity to assist instructors in preparing, organizing, or delivering course materials. Students may provide tutorial or instructional assistance to other students.

**COURSE NUMBER: 278-S1 & 278-S2**

**GRADE LEVEL: 11-12**

**CREDIT: 1.0 (0.5 if only taken for a semester)**

**PREREQUISITE: Algebra II-Honors and instructor permission**

### **AP CALCULUS AB (State Course Code 02124A000)**

Following the College Board's suggested curriculum designed to parallel college-level calculus courses, this course provides students with an intuitive understanding of the concepts of calculus and experience with its methods and applications. These courses introduce calculus and include the following topics: elementary functions; properties of functions and their graphs; limits and continuity, theorems about derivatives, geometric applications, optimization problems, rate-of-change problems and integral calculus. Students must take the AP test at the end of this course. **Weighted Course**

**COURSE NUMBER: 114-S1 & 114-S2**

**GRADE LEVEL: 12**

**CREDIT: 1.0**

**PREREQUISITE: Honors Pre Calculus with a B or higher or permission from the Instructor.**



# SCIENCE

Year	Course(s)
Freshman	Physical Science or Honors Biology
Sophomore	General Biology Agriculture Science Zoology Honors Chemistry
Junior/Senior	Environmental Science Botany General Chemistry Forensics Physics 1 Human Anatomy & Physiology AP Chemistry AP Physics I AP Biology

***Suggested Sequences:***

**College Bound (non-science):**

Physical Science -----> General Biology -----> General Chemistry or Zoology ----->Physics I

**College Bound (science):**

Honors Biology----->Honors Chemistry----->AP Chemistry/AP Biology/AP Physics 1

**Medical Related Field:**

Honors Biology----->General/Honors Chemistry----->Physiology/AP Biology/Physics I/ AP Physics 1/AP Chemistry

**PHYSICAL SCIENCE (State Course Code 03159A000)**

The content of the physical science course is based upon the recommendation of the Next Generation Science Standards. The course will cover general principles of chemistry, physics and earth and space science. The topics covered may include scientific method, measurement, particulate nature of matter, energy, forces and motion, waves, sound, light, electricity, magnetism, earth and space science. Students will be able to demonstrate an understanding of the physical environment and be able to apply scientific laws and principles to observations of the world around them. A lab fee may be charged for this course.

**COURSE NUMBER: 812-S1 & 812-S2**

**GRADE LEVEL: 9**

**CREDIT: 1.0**

**PREREQUISITE: None**

### **HONORS BIOLOGY (State Course Code 03052A000)**

**This course will satisfy the Biology requirement for graduation.** This course will cover biological systems in more detail, using the Next Generation Life Science Standards. Topics that may be explored include cell organization, function, and reproduction: energy transformation, genetics, heredity, genetic technology, and the evolution and adaptation of organisms. Students will be expected to complete both laboratory and homework on a regular basis. This class is highly recommended for the college bound student. A lab fee may be charged for this course. **Weighted Course**

**COURSE NUMBER: 805-S1 & 805-S2**

**GRADE LEVEL: 9**

**CREDIT: 1.0**

**PREREQUISITE: Algebra I completed and teacher recommendation from their 8th grade Science teacher**

### **GENERAL BIOLOGY (State Course Code 03051A000)**

**General Biology is a required course for graduation.** The content in General Biology is based on the Next Generation Life Science Standards. There is a strong emphasis on inquiry-based learning of life science phenomena. This is designed to promote student discussion and the exchange of ideas such as scientists as they collaborate and work. The course includes principles of scientific investigations, structures and functions of organisms ranging from the small to large scale, ecosystems, genetics and heredity, and biological evolution. Students will be expected to complete both laboratory and classroom work. A lab fee may be charged for this course.

**COURSE NUMBER: 156A-S1 & 156A-S2**

**GRADE LEVEL: 10**

**CREDIT: 1.0**

**PREREQUISITE: None**

### **AGRICULTURE SCIENCE (State Course Code 18003A001)**

This course builds on the basic skills and knowledge gained in the Introduction to Agriculture course. Major units of study include agriculture research, advanced soil science, advanced plant science, meat science, biotechnology, and advanced animal science. Applied science and math skills and concepts will be stressed throughout the course as they relate to each area. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

**COURSE NUMBER: 144-S1 & 144-S2**

**GRADE LEVEL: 10-11**

**CREDIT: 1.0**

**PREREQUISITE: Intro to Ag**

### **ZOOLOGY (State Course Code 03061A000)**

This course is an extension of General Biology. Topics will be studied in greater depth with a focus on cytology, zoology, and evolution. Students will be expected to complete both laboratory and classroom work. A lab fee may be charged for this course.

**COURSE NUMBER: 830-S1 & 830-S2**

**GRADE LEVEL: 10-12**

**CREDIT: 1.0**

**PREREQUISITE: Successful completion of General Biology or Honors Biology**

### **HONORS CHEMISTRY (State Course Code 03102A000)**

Honors Chemistry is a prerequisite for AP Chemistry that focuses on an inquiry based approach to science. Topics in this course include measurement, the particulate nature of matter, chemical formulas and equations, bonding, molecular structure, quantitative relationships and quantum theory, kinetic theory, gas laws, intermolecular forces, phase changes, acids and bases, equilibrium, redox reactions and nuclear chemistry. Honors Chemistry is highly recommended for the college bound student planning on majoring in science. A lab fee may be charged for this course.

#### **Weighted Course**

**COURSE NUMBER: 801-S1 & 801-S2**

**GRADE LEVEL: 10-12**

**CREDIT: 1.0**

**PREREQUISITE: Honors Algebra II Concurrent and teacher recommendation**

### **BOTANY (State Course Code 03058A000)**

Botany would allow students who are interested in plants to learn more about their anatomy and physiology. Designed for the college-bound student, students will engage in hands-on, researched based learning and experiments. Paired with Zoology, this class will benefit college-bound students by exposing them to the different branches of biology. This course would also enable those who are interested in plants to engage in the upkeep and maintenance of the school courtyard. The curriculum would help to teach students basic plant care and inform them about native plant species important to the ecosystems in our area. **This course will be offered during the Spring semester.**

**COURSE NUMBER : 833**

**GRADE LEVEL: 11-12, 10 if on Honors Track**

**CREDIT: 0.5**

**PREREQUISITE: General Biology or Honors Biology with a C or better.**

### **ENVIRONMENTAL SCIENCE (State Course code 03003A000)**

The course is designed to provide students with the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. The focus on this course will be: Matter and Energy in Organisms and Ecosystems, Interdependent Relationships in Ecosystems, Natural Selection and Evolution, Earth's Systems, Climate Change, and Human Sustainability. **This course will be offered during the Fall semester.**

**COURSE NUMBER: 262-1**

**GRADE LEVEL: 11-12**

**CREDIT: 0.5**

**PREREQUISITE: General Biology**

### **FORENSICS (State Course Code 15055A000)**

This course is to provide a science class focused on the application of knowledge from many branches of science. Students will have the opportunity to learn about a profession and develop a skill set that other science classes cannot provide. Students will practice analyzing evidence to determine what occurred at a crime scene and how to identify a suspect with their analysis. These skills are very important for all sciences, and this class will provide students with a unique opportunity to develop them. Any student interested in Law Enforcement will benefit from this class. They will have the opportunity to further their interests, and may determine which path they want to take.

**COURSE NUMBER: 832-S1 & 832-S2**

**GRADE LEVEL: 11-12**

**CREDIT: 1.0**

**PREREQUISITE: Successful completion of General Biology or Honors Biology**

### **GENERAL CHEMISTRY (State Course Code 03101A000)**

General Chemistry is the branch of science that deals with matter, the changes that matter can undergo and the relationships that describe these changes. Topics in this course include measurement, the particulate nature of matter, chemical formulas and equations, bonding, molecular structure, quantitative relationships and quantum theory. Students will be expected to complete both classroom and laboratory work related to these topics. Chemistry is strongly recommended for the college bound student. A lab fee may be charged for this course.

**COURSE NUMBER: 804-S1 & 804-S2**

**GRADE LEVEL: 11-12**

**CREDIT: 1.0**

**PREREQUISITE: Successful completion of Algebra I and Geometry with a C or better in both subjects and math teacher approval.**

**COREQUISITE: Algebra II or higher taken concurrently**

### **PHYSICS I (State Course Code 03151A000)**

Physics is the most fundamental and all-inclusive of the sciences. Physics is a laboratory based course that primarily studies the behavior of matter and energy. Topics in this course include mathematical relationships, kinematics, forces, energy transformations and waves. Physics is strongly recommended for the college bound student. A lab fee may be charged for this course.

**COURSE NUMBER: 390-S1 & 390-S2**

**GRADE LEVEL: 11-12**

**CREDIT: 1.0**

**PREREQUISITE: Completion of Algebra II with a B or better and Math teacher approval**

### **HUMAN ANATOMY & PHYSIOLOGY (State Course Code 03053A000)**

Usually taken after a comprehensive initial study of biology, Human Anatomy and Physiology courses present the human body and biological systems in more detail. In order to understand the structure of the human body and its functions, students learn anatomical terminology, study cells and tissues, explore functional systems (skeletal, muscular, circulatory, respiratory, digestive, reproductive, nervous, and so on), and may dissect mammals. This course is highly recommended for college bound students interested in the medical field. A lab fee may be charged for this course.

**COURSE NUMBER: 831-S1 & 831-S2**

**GRADE LEVEL: 11-12**

**CREDIT: 1.0**

**PREREQUISITE: General Biology or General Chemistry with a C average or above**

**AP CHEMISTRY (State Course Code 03106A000)****\*\*Offered on odd years\*\***

Following the curricula recommended by the College Board, AP Chemistry courses usually follow high school chemistry and second-year algebra. Topics covered may include atomic theory and structure; chemical bonding; nuclear chemistry; states of matter; and reactions (stoichiometry, equilibrium, kinetics, and thermodynamics). AP Chemistry laboratories are equivalent to those of typical college courses. This class is highly recommended for students that are college bound and interested in the medical field. A lab fee may be charged for this course. **Weighted Course**

**COURSE NUMBER: 803-S1 & 803-S2****GRADE LEVEL: 11-12****CREDIT: 1.0****PREREQUISITE: Honors Chemistry and Honors Algebra II must have passed with a B or better or with permission of the instructor.****COREQUISITE: Pre Calculus & strongly recommend Physics I****AP BIOLOGY (State Course Code 03056A000)**

Adhering to the curricula recommended by the College Board and designed to parallel college-level introductory biology courses, AP Biology courses stress basic facts and their synthesis into major biological concepts and themes. These courses cover three general areas: molecules and cells (including biological chemistry and energy transformation); genetics and evolution; and organisms and populations (i.e., taxonomy, plants, animals, and ecology). AP Biology courses include college-level laboratory experiments. This class is highly recommended for students that are college bound and interested in the medical field. A lab fee may be charged for this course. **Weighted Course**

**COURSE NUMBER: 806-S1 & 806-S2****GRADE LEVEL: 11-12, 10 with science teacher approval****CREDIT: 1.0****PREREQUISITE: General Biology or Honors Biology with a grade of B or higher.****COREQUISITE: Chemistry or Honors Chemistry (concurrently or already completed)****AP Physics 1 (State Course Code 03163A000)****\*\*Offered on even years\*\***

Designed by the College Board, AP Physics 1 is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy and power; mechanical waves and sound; and introductory, simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills.

**Weighted Course****COURSE NUMBER: 819-S1 & 819-S2****GRADE LEVEL: 11-12****CREDIT: 1.0****PREREQUISITE: Honors Algebra II with a B or better average and math teacher approval. Seniors should have taken Honors Pre-Calculus with a B or better average and math teacher approval.****COREQUISITE: AP PreCalculus (Juniors)**

# SOCIAL STUDIES

GRADE	WORKFORCE	TECHNICAL OR COMMUNITY COLLEGE	COLLEGE PREP	HONORS COLLEGE PREP
9	US History 1861-1920	US History 1861-1920	US History 1861-1920	US History 1861-1920
10	Current Events, World Geography, History of Rock and Roll	Current Events, World Geography, History of Rock and Roll	Psychology	Psychology
11	US History 1920-Present	US History 1920-Present	US History 1920-Present	US History 1920-Present
11-12	Government, History of Sports	Government, History of Sports	Government Sociology Economics	Government Sociology Economics

## **US HISTORY 1861-1920 (State Course Code 04109A000)**

The study of U.S. History provides the chief source for understanding America and its people. While looking at past events, the course may emphasize the development of trends in economic, political and social quarters. The course will consist of three units beginning with the Civil War and Reconstruction Period, continuing with the Industrial Age and finishing with the Progressive Era.

**COURSE NUMBER: 457**

**GRADE LEVEL: 9**

**CREDIT: 0.5**

**PREREQUISITE: None**

## **WORLD HISTORY (State Course Code 04051A000)**

World History broadened the understanding of students about the history of our world civilization. The first part of this course will cover the following topics: major themes in geography, ancient civilization and the Middle Ages in Western Europe. The second part of this course will cover the topics: The Renaissance and Reformation, The Age of Revolution, The Industrial Age, World War I, World War II and the Cold War.

**COURSE NUMBER: 570-S1 & 570-S2**

**GRADE LEVEL: 10-12**

**CREDIT: 1.0**

**PREREQUISITE: None**

## **WORLD GEOGRAPHY (State Course Code 04001A000)**

This course will be a survey of Population, Cultural, Political and Economic Geography. Topics will include population growth and distribution; cultural components and system and diversity; and political and economic systems.

**COURSE NUMBER: 565**

**GRADE LEVEL: 10-12**

**CREDIT: 0.5**

**PREREQUISITE: None**

### **CURRENT EVENTS (State Course Code 04106A000)**

This class will study current events through focusing on three basic social studies disciplines: current social problems, minorities in U.S. society, and humanities. This course will help students develop analytical, communicative, and social skills necessary to live more effectively with others and themselves.

**COURSE NUMBER: 189**  
**GRADE LEVEL: 10-12**  
**CREDIT: 0.5**  
**PREREQUISITE: None**

### **PSYCHOLOGY (State Course Code 04254A000)**

This course introduces students to the study of individual human behavior. Course content typically includes (but is not limited to) an overview of the field of psychology, topics in human growth and development, personality and behavior, and abnormal psychology.

**COURSE NUMBER: 3830**  
**GRADE LEVEL: 10-12**  
**CREDIT: 0.5**  
**PREREQUISITE: None**

### **HISTORY OF ROCK AND ROLL (State Course Code 04299A000)**

This course is designed to familiarize the student with the history of Rock music. Prominent players and groups of each era will be covered, as well as sociological, economic, and cultural factors that shaped the many styles of Rock music. Classroom activities include listening, analyzing, writing, class discussions, research, and presentations. Upon successful completion of this course, students should be able to; List in chronological order the prominent years of Rock music, Recognize the validity of important artists from each era, Find relationships between the music and historical, social, and economic factors of each era, Describe technological advances (e.g. multi-track recording, digital synthesis, MIDI, etc.) and the effect of these advances, on Rock music, Comprehend basic business aspects (e.g. royalties, mechanicals, production, and marketing) of this music, Understand the profound impact this music has had throughout the US and the rest of the world.

**COURSE NUMBER: 271**  
**GRADE LEVEL: 10-12**  
**CREDIT: 0.5**  
**PREREQUISITE: None**

### **U.S. HISTORY 1920-PRESENT (State Course Code 04103A000)**

This course is required for graduation. The study of American History provides the chief source for understanding America and her people. While looking at past events, the course may emphasize the development of trends in economic, political, and social quarters. The area(s) of study begin with Imperialism and goes through the decades of the 60's, 70's and 80's. State requirements include the study of labor unions, ethnic groups, women in history and the Holocaust.

**COURSE NUMBER: 453-S1 & 453-S2**  
**GRADE LEVEL: 11**  
**CREDIT: 1.0**  
**PREREQUISITE: None**

**GOVERNMENT (State Course Code 04151A000)**

This course is required for graduation in order to satisfy the federal and state constitution requirement. In addition the course will include the study of the Declaration of Independence, voting procedures, and the operation of our federal, state, and local governments. The course will discuss how our governments affect us on a daily basis.

**COURSE NUMBER: 282**  
**GRADE LEVEL: 11-12**  
**CREDIT: 0.5**  
**PREREQUISITE: None**

**ECONOMICS (State Course Code 04201A000)**

This course will provide students with an overview of economics with primary emphasis on the principles of microeconomics and the U.S. economic system. This course may also cover topics such as international economics and comparative economics.

**COURSE NUMBER: 239**  
**GRADE LEVEL: 11-12**  
**CREDIT: 0.5**  
**PREREQUISITE: None**

**SOCIOLOGY (State Course Code 04258A000)**

Sociology deals with the social problems we face as a society and possible solutions that could be utilized to solve them. The majority of the course deals with the American Society. However, some world cultures are discussed. Some of the following topics may be discussed: what is sociology and how can it be applied, dating problems of adolescents, adolescence, phobias, cultural universals, norms, folkways, mores, rape, sports violence, how to improve esteem, and other related topics. The following topics may be discussed: marriage and the family, birth rates, divorce, population trends, death, child abuse, dropout problems, the problems of aging, juvenile crime, crime prevention, shoplifting, prisons, changing roles of women and men, poverty, race problems, prejudice and discrimination, minorities in American life, the defense mechanisms people use, city problems, social mobility and other related topics.

**COURSE NUMBER: 425**  
**GRADE LEVEL: 11-12**  
**CREDIT: 0.5**  
**PREREQUISITE: None**

**US MILITARY HISTORY (State Course Code 04109A000)**

***\*\*Offered on Even Years\*\****

The students will investigate the factors that have lead to victory or defeat in U.S Military History. Conditions such as leadership, supplies, strategies, technology, alliances, etc will be probed.

**COURSE NUMBER: 441**  
**GRADE LEVEL: 11-12**  
**CREDIT: 0.5**  
**PREREQUISITE: None**

**HISTORY OF SPORTS IN AMERICA (State Course Code 04299A000)**

Students will examine the changing philosophies, trends and developments in sports in America. This will cover sports and recreation from colonial times through the present and will explore such topics as amateurism, the Olympics, the Negro Leagues, all major sports, etc.

**COURSE NUMBER: 270**  
**GRADE LEVEL: 11-12**  
**CREDIT: 0.5**  
**PREREQUISITE: None**



# COMPUTER TECHNOLOGY

## **COMPUTERS APPLICATIONS I (State Course Code 10004A001)**

This is a course designed to give students a working knowledge of the programs included in the Microsoft Office Suite. Throughout the course students will be introduced to each program in the suite through MindTap, an online platform. Students will develop skills for creating products that can be used in both personal and business contexts. Specific units of instruction include Word, Excel, Access, and PowerPoint.

**COURSE NUMBER: 178**  
**GRADE LEVEL: 9-12**  
**CREDIT: 0.5**  
**PREREQUISITE: None**

## **INTRODUCTION TO COMPUTER PROGRAMMING (State Course Code 10152A001)**

This course is designed for students who are interested in learning more about Computer Programming. The course focuses primarily on basic Java, control structures and an introduction to methods and parameters. By the end of the course students will be able to build their own application from scratch. No prior programming skills are necessary, however students should be familiar with Basic Algebra.

**COURSE NUMBER: 816**  
**GRADE LEVEL: 9-12**  
**CREDIT: 0.5**  
**PREREQUISITE: None**

## **COMPUTERS APPLICATIONS II (State Course Code 10004A001)**

Computer Applications II is designed to develop those technologies and computer applications skills acquired in Computer Applications I. The goal of this course is to provide students with opportunities to enhance their computer technology, decision-making, productivity, communications, and problem-solving skills. Areas of instruction include advanced computer applications and integration of word processing, desktop publishing, spreadsheet, database, and presentation software, as well as the use of emerging technologies. Students will learn advanced skills to make them ready for college or the workplace.

**COURSE NUMBER: 193**  
**GRADE LEVEL: 9-12**  
**CREDIT: 0.5**  
**PREREQUISITE: Successful completion of Computers I**

## **WEB DESIGN (State Course Code 10201A001)**

This course is designed to provide students with information and skills needed to use and create pages on the World Wide Web. Students will learn how to create web pages using HTML code and web authoring software. Students will create their own pages along with updating pages on the web.

**COURSE NUMBER: 555**  
**GRADE LEVEL: 10-12**  
**CREDIT: 0.5**  
**PREREQUISITE: None**

### **DESKTOP PUBLISHING (State Course Code 10202A001)**

This course is designed to provide students with information and skills needed to create attractive print and online documents using the microcomputer with desktop publishing applications. Using current industry software, the student will be able to create, view and make changes in a variety of documents properly utilizing text and graphics. Students will produce pamphlets, brochures, newsletters, multimedia presentations.

**COURSE NUMBER: 213**  
**GRADE LEVEL: 10-12**  
**CREDIT: 0.5**  
**PREREQUISITE: None**

### **VIDEO GAME DESIGN (State Course Code 10152A000)**

In this course students will learn how to create their own video games using the Unity game engine, the same engine used by professionals to create many of today's popular games. In this course students will learn how to use various tools in Unity. Students will also create their own scripts using the C# programming language. By the end of the course students will create their own video game.

**COURSE NUMBER: 811**  
**GRADE LEVEL: 10-12**  
**CREDIT: 0.5**  
**PREREQUISITE: None**

### **ROBOTICS (State Course Code 21009A000)**

Units to be included in this year-long class include, Starting and Workforce Skills, Machines and Mechanisms, Sensors, Machine Learning, and Java, Competitions, Learning Pathways and Career Exploration, to name a few. Students taking this course should intend to be on the competitive school robotics team. Students may take this course for computer credit or elective credit.

**COURSE NUMBER: 914-S1 & 914-S2**  
**GRADE LEVEL: 10-12**  
**CREDIT: 1.0**  
**PREREQUISITE: None**

### **MEDIA COMMUNICATIONS I (State Course Code 11051A000)**

This course introduces students to the fundamentals of television broadcasting and TV journalism. Students learn the fundamentals of planning, organizing, directing, and producing video productions. Due to the nature of the course, students are required to spend a significant amount of time before and after school to complete their assignments. A lab fee of \$25.00 is assessed for each student.

**COURSE NUMBER: 355-S1 & 355-S2**  
**GRADE LEVEL: 11-12**  
**CREDIT: 1.0**  
**PREREQUISITE: 2 years of English**

**AP Computer Science A (State Course Code 10157A000)**

AP Computer Science A is an introductory college-level computer science course. Students cultivate their understanding of coding through analyzing, writing, and testing code as they explore concepts like modularity, variables, and control structures. Students taking this class will complete an AP test at the end of the course.

**COURSE NUMBER: 815-S1 & 815-S2**

**GRADE LEVEL: 11-12**

**CREDIT: 1.0**

**PREREQUISITE: Algebra I**

**MEDIA COMMUNICATIONS II (State Course Code 11051A000)**

This class is a continuation of Media Communications I. Students have an opportunity to enhance the skills and lessons learned in the first course of the sequence. A lab fee of \$25.00 is assessed for each student.

**COURSE NUMBER: 356-S1 & 356-S2**

**GRADE LEVEL: 12**

**CREDIT: 1.0**

**PREREQUISITE: C in Media Communications I or permission of instructor**

# CONSUMER EDUCATION

## **PERSONAL FINANCE (State Course Code 19262A000)**

This class meets the state's consumer education requirement. This course is designed to prepare students to be productive citizens. Topics include savings & investments, budgets, checking accounts, credit, etc.

**COURSE NUMBER: 385**  
**GRADE LEVEL: 11-12**  
**CREDIT: 0.5**  
**PREREQUISITE: None**

## **CONSUMER MATH (State Course Code 02157A000)**

This course is an application of mathematics to life skills. Areas covered include a brief review of arithmetic skills; income, banking, and credit; transportation; housing; taxes, insurance, and investments; and purchasing and budgeting. This will fulfill one credit of the State of Illinois math requirement. This course will also fulfill the Consumer Education requirement.

**COURSE NUMBER: 183-S1 & 183-S2**  
**GRADE LEVEL: 11-12**  
**CREDIT: 1.0**  
**PREREQUISITE: Geometry A or Teacher Recommendation**

# DRIVER EDUCATION

## **DRIVER EDUCATION (State Course Code 08151A000)**

This course includes highway safety, rules of the road, and the efficient, proper, and safe operation of an automobile. This is the state required safety course of all students. Due to state guidelines, there are attendance requirements for this class. Sherrard High School's policy is that a student may not miss more than 14 days or they may not receive credit for this class/be removed from class and placed in the next semester class. **In order to qualify for a driving permit, a student must pass eight courses or four credits the previous two semesters. In order to be eligible to drive with the instructor their classroom fee of \$100.00 must be paid in full to Sherrard Unit 200 and maintain a passing grade in ALL classes. A parent/guardian signature and a \$20.00 fee paid to the Secretary of State is required to obtain a student permit.**

**COURSE NUMBER: 220(S1) or 221(S2)(depending on birthday)**  
**GRADE LEVEL: 9-12**  
**CREDIT: 0.5**  
**PREREQUISITE: Must pass eight (8) courses or four (4) credits the previous two (2) semesters**

# HEALTH

## **HEALTH (State Course Code 08051A000)**

Areas of study include: mental health, personal health (making healthy choices), nutrition, STD's (including HIV/AIDS), human growth and development, childbirth, chemical & substance abuse, and First Aid/CPR/AED. The course emphasizes the relationships between the development of social, emotional, physical and mental health. The intent is to develop a student's awareness of a healthy lifestyle.

**COURSE NUMBER: 286**  
**GRADE LEVEL: 9-12**  
**CREDIT: 0.5**  
**PREREQUISITE: None**

# PHYSICAL EDUCATION

## **PHYSICAL EDUCATION (State Course Code 08001A000)**

Physical Education contributes to all phases of individual development. It is the intention of the program to provide students with knowledge of the benefits of exercise and the principles of training necessary to achieve physical/health related fitness. This will also include skills, knowledge, and attitudes of selected sport skills that will have a carry-over value in later life. Grades are based on knowledge, participation, attitude, cooperation and respect.

**COURSE NUMBER: 380-S1 & 380-S2 PE Boys/382-S1 & 382-S2 PE Girls**  
**GRADE LEVEL: 9-12**  
**CREDIT: 1.0**  
**PREREQUISITE: None**

## **PERSONAL FITNESS LEVEL 1 (State Course Code 08005A000)**

Students in this course will have either participated in the Jr High Personal Fitness class, or have been recommended by their Jr High or High School PE teacher. This course is for students with a low training age (0-2 years of consistent training). This course will focus on the Block Zero and Block One programming, which covers movement patterns, general physical preparation (GPP), and basic movement skills (sprinting, jumping, change of direction, etc..).

Any student who has not been a part of consistent strength and conditioning within the Sherrard School District will be placed in this class. This will help them re-groove their movement patterns and gain the general physical preparedness needed to advance to Personal Fitness 2.

**COURSE NUMBER: 381-S1 & 381-S2**  
**GRADE LEVEL: 9-12**  
**CREDIT: 1.0**  
**PREREQUISITE: Teacher recommendation prior to registration**

## **PERSONAL FITNESS LEVEL 2 (State Course Code 08005A000)**

Students in this course will have completed at least 2 consistent years of strength and conditioning within the Sherrard School District. This course is for students with a moderate training age (3-4+ years of consistent training). This course will focus on the Block Two and Block Three programming, which covers more intensely weighted movement patterns, a transition to more specific physical preparation (SPP), and advanced movement skills (sprinting, jumping, change of direction, etc..).

Any student (grades 10-12) who has been a part of consistent strength and conditioning within the Sherrard School District will be placed in this class. This will help them advance their movement patterns and gain the special physical preparedness needed to improve their sports performance. (NOTE: Consistent means 80% or more attendance in their sport lifting from the previous calendar YEAR.)

Any student who has previously been in Level 2 may get sent back to Level 1 for reasons including, but is not limited, to the following: opting out of PE for a semester (with no sports lifting), students moving into the district, students who show they need remediated work, students who have been injured for a semester or longer. This decision will be made at the teachers discretion.

**COURSE NUMBER: 389-S1 & 389-S2**

**GRADE LEVEL: 10-12**

**CREDIT: 1.0**

**PREREQUISITE: Teacher recommendation prior to registration**

## **ATHLETIC WAIVER (PE OPT) (383)**

A Junior or Senior may request a waiver from physical education for a semester if the student participates in an interscholastic sport during that semester and replaces the physical education course **with an academic course**. The student must remain in the course for the duration of the semester and complete the interscholastic sport season. Sport Seasons defined as follows:

### **1st Semester PE Exemption:**

Golf  
Cross Country  
Football  
Volleyball  
Cheerleading (Football Season)  
Dance Team (Football Season)  
Marching Band  
Soccer - Boys

### **2nd Semester PE. Exemption**

Basketball  
Cheerleading (Basketball Season)  
Dance Team (Basketball Season)  
Baseball  
Softball  
Track  
Soccer - Girls  
Wrestling

**\*\*NOTE:** Students requesting PE exemption based on Interscholastic Sport participation **MUST** complete the interscholastic season. Failure to do so will result in cancellation of waiver and reinstatement of PE requirement.

## DUAL CREDIT CLASSES

The dual enrollment courses provide an opportunity for students to earn college credit at the same time they are earning high school credit. Students will receive **3 college credits** towards their college credits and ½ credit for High School. The college credit can be applied to an Associate's Degree or transferred to a college or university. The courses will be taught at Sherrard High School by a Black Hawk instructor. The Blackhawk calendar will be used to determine start and finish dates and days off. Students may be required to attend classes when the High School is closed or during fall or spring break. Students will need to complete a Black Hawk application and take and pass the ACCUPLACER test for some of the classes. The Accuplacer test can be given by the Sherrard counseling staff in the counseling office. The student will be responsible for paying the course tuition but if they score a "C" or above, the Sherrard School Board will refund half of the paid tuition for up to 4 courses.

### **ENGLISH 101 (Composition I)**

The first of two courses in the one-year composition sequence, English 101 introduces students to college-level writing as a process of developing and supporting a thesis in an organized essay. English 101 requires students to read and think critically, and it emphasizes using appropriate style and voice as well as the conventions of standard English and citation.

**COURSE NUMBER: 242**

**GRADE LEVEL: 12**

**CREDIT: 0.5 (High School) 3.0 (College)**

**PREREQUISITE: Pass the ACCUPLACER test**

### **ENGLISH 102 (Composition II)**

English 102 is the second of two courses in the one-year composition sequence. English 102 continues exposing students to college-level writing by developing and supporting a thesis in persuasive papers. English 102 requires students to read and think critically and to apply documentation and research skills to a multi-sourced academic research writing assignment.

**COURSE NUMBER: 251**

**GRADE LEVEL: 12**

**CREDIT: 0.5 (High School) 3.0 (College)**

**PREREQUISITE: English 101 with a C or better**

### **SPEECH 101 (Principles of Speech Communication)**

The oral communication course combines communication theory with the practice of oral communication skills. The oral communication course: (1) develops awareness of the communication process; (2) provides inventional, organizational, and expressive strategies; (3) promotes understanding of and adaptation to a variety of communication contexts; and (4) emphasizes critical skills in listening, reading, thinking and speaking.

**COURSE NUMBER: 440**

**GRADE LEVEL: 12**

**CREDIT: 0.5 (High School) 3.0 (College)**

**PREREQUISITE: None**

**PSYCH 101 (Introduction to Psychology)**

A survey of the field of general psychology without specific emphasis on any particular theory or model of human or animal behavior. Fundamental principles, methods, theories and issues in the field are discussed. Content areas may include learning, thinking, neuroscience, methodology, memory, perception, personality, intelligence, emotion, adjustment, and abnormality among others.

**COURSE NUMBER: 416**

**GRADE LEVEL: 12**

**CREDIT: 0.5 (High School) 3.0 (College)**

**PREREQUISITE: None**

**PE 125 (Physical Fitness)**

Students in this course will have completed at least 3 consistent years of strength and conditioning within the Sherrard School District. This course is for students with a moderate training age (3-4+ years of consistent training). This course will focus on the Block Two and Block Three programming, which covers more intensely weighted movement patterns, a transition to more specific physical preparation (SPP), and advanced movement skills (sprinting, jumping, change of direction, etc..).

**\*Additional Tuition Required for Dual Credit (PE 125)**

**COURSE NUMBER: PE125**

**GRADE LEVEL: 12**

**CREDIT: 0.5 (High School) 1.0 (College)**

**PREREQUISITE: Teacher recommendation prior to registration**

**WELDING 101 (Intro to Arc Welding)**

**\*Additional Tuition Required for Dual Credit.**

Students are expected to provide appropriate work clothes but they are not required to purchase specific items of clothing. Course Description: This course assists students in gaining the knowledge and developing the basic skills needed to be successful in welding technology. Units of instruction include arc and MIG welding, metallurgy, cutting metal using arc, plasma, and oxy-gas. In addition, students learn the basics of blueprint reading, precision measuring, layout, and production process planning. Students will progress from arc (stick) welding to MIG welding.

**COURSE NUMBER: WLD101**

**GRADE LEVEL: 11-12**

**CREDIT: 0.5 (High School) 0.5 (College)**

**PREREQUISITE: Intro to Ag and Basic Ag Mechanics and teacher recommendation prior to registration**



**WELDING 105 (An introduction to Oxy/fuel cutting, heating, and metal manipulation. Plasma cutting and plasma table operation)**

**\*Additional Tuition Required for Dual Credit.**

Upon successful completion of this course, the student shall be able to demonstrate the following skills: A. Demonstrate understanding of welding and shop safety B. Demonstrate proper use of Personal Protective Equipment C. Demonstrate set-up, use, and care of equipment D. Demonstrate proper adjustment of flame and gas pressures E. Demonstrate various motor skills with a cutting torch F. Demonstrate proper shutdown and storage procedures of Oxy/fuel equipment

**COURSE NUMBER: WLD105**

**GRADE LEVEL: 11-12**

**CREDIT: 0.5 (High School) 1.0 (College)**

**PREREQUISITE: WLDG 101**

**WELDING 120 (Introduction to GMAW)**

**\*Additional Tuition Required for Dual Credit**

Students are expected to provide appropriate work clothes but they are not required to purchase specific items of clothing. Course Description: This course builds on the skills and concepts introduced in Welding Technology 1 and provides more in-depth skill development in various types of welding including flat, horizontal, and vertical. Students will progress from arc (stick) welding to MIG to oxyacetylene to TIG for stainless steel and aluminum welding.

**COURSE NUMBER: WLD120**

**GRADE LEVEL: 11-12**

**CREDIT: 1.0 (High School) 1.0 (College)**

**PREREQUISITE: WLDG 101**

# VOCATIONAL / SPECIAL FORCES

## AGRICULTURE

### **INTRODUCTION TO AGRICULTURE (State Course Code 18001A001)**

This orientation course provides an opportunity for students to learn about the importance of agriculture to the world. As well as how the agriculture industry is run/operates; its major components; the economic influence of agriculture at state, national, and international levels; the scope and types of job opportunities in the agriculture field. Topics covered in this course will include, but are not limited to the world food supply and basic concepts in animal science (cattle, swine, sheep, goats, poultry, etc), soil science, plant science, agriculture mechanics, agribusiness, and food science. Topics will also include parliamentary procedure, public speaking, communications, record keeping, and an introduction to agricultural careers. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

**COURSE NUMBER: 320-S1 & 320-S2**

**GRADE LEVEL: 9-10 (Orientation level course)**

**CREDIT: 1.0**

**PREREQUISITE: None**

### **BASIC AGRICULTURE MECHANICS (State Course Code 18401A001)**

In this course, theory and hands-on experiences provide opportunities for students to develop basic knowledge and skills in agricultural mechanics. Instructional areas include the basic fundamentals of maintaining and repairing small gasoline engines, basic electricity, welding, construction, and operating agricultural equipment safely. Improving workplace and computer skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

**COURSE NUMBER: 147-S1 & 147-S2**

**GRADE LEVEL: 10-11 (Orientation level course)**

**CREDIT: 1.0**

**PREREQUISITE: Intro to Ag**

### **AGRICULTURE SCIENCE (State Course Code 18003A001)**

This course builds on the basic skills and knowledge gained in the Introduction to Agriculture course. Major units of study include agriculture research, advanced soil science, advanced plant science, meat science, biotechnology, and advanced animal science. Applied science and math skills and concepts will be stressed throughout the course as they relate to each area. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts. **This course can also be used as a Science Credit.**

**COURSE NUMBER: 144-S1 & 144-S2**

**GRADE LEVEL: 10-11**

**CREDIT: 1.0**

**PREREQUISITE: Intro to Ag**

### **WOODS (State Course Code 17007A001)**

This course concentrates on basic hand and machine woodworking. This course covers basic hand tools and operations necessary for basic woodworking, basic machine operations, furniture construction methods and finishing methods. A project will be made by each student. Emphasis is placed on safe operation of woodworking equipment. The next part of this course is an advanced woodworking production course in which students refine their skills through projects and group work. Students may increase their knowledge of machine operations, furniture construction methods and application of finish by spraying. Group work includes the construction of cabinet furniture or other kinds of mass produced wooden products as a media for training. A project is required for this course and will be a charge for the materials used.

**COURSE NUMBER: 456-1**  
**GRADE LEVEL: 10-12**  
**CREDIT: 0.5**  
**PREREQUISITE: Intro to Ag**

### **AGRICULTURE CONSTRUCTION AND TECHNOLOGY (State Course Code 18403A001)**

This course will concentrate on expanding the student's knowledge and experiences with agricultural mechanics technologies utilized in the agriculture industry. Major units of instruction include: personal safety, hand tools, power tools, blueprint reading, surveying, and construction skills in carpentry. A major focus is on skills related to construction such as electricity, plumbing, concrete, and block laying. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

**COURSE NUMBER: 106-1**  
**GRADE LEVEL: 10-12 (skill level course)**  
**CREDIT: 0.5**  
**PREREQUISITE: Intro to Ag**

### **NATURAL RESOURCE CONSERVATION & MANAGEMENT** **(State Course Code 18504A002)**

This course examines the relationship of agriculture and natural resources. Student knowledge and skills will be developed in: understanding natural resources and its importance; fish, wildlife, and forestry management and conservation; and exploring outdoor recreational enterprises. Hunting and fishing as a sport, growing and maintaining tree forests and outdoor safety education will be featured. Students will have the option to take the Hunter's Safety Certification Course and Test. Encouraging students to be conscious and concerned about the environment and recognizing the need to conserve the environment and its resources will be a theme throughout. Participation in FFA activities and Supervised Agricultural Experience (SAEP) projects is an integral course component.

**COURSE NUMBER: 370-S1 & 370-S2**  
**GRADE LEVEL: 10-12 (Skill level course)**  
**CREDIT: 1.0**  
**PREREQUISITE: Intro to Ag or Instructor Permission**

**HORTICULTURE, LANDSCAPE DESIGN, & NURSERY/GREENHOUSE MANAGEMENT (State Course Code 18053A001)**

This course is designed to introduce students to the horticulture industry and provide them with basic plant science knowledge that can be further developed in advanced horticulture courses. Major units of instruction include horticulture research, horticultural careers, plant anatomy, seed germination, plant propagation, growing media, pest management, hydroponics, identifying horticultural plants, growing greenhouse crops, landscape design, and floral design. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

**COURSE NUMBER: 556-S1 & 556-S2**

**GRADE LEVEL: 11-12 (skill level course)**

**CREDIT: 1.0**

**PREREQUISITE: Intro to Ag & Ag Science, or permission of Instructor**

**VETERINARY SCIENCE (State Course Code 18101A002)**

This course is designed to reinforce and extend a student's understanding of science by associating basic scientific principles and concepts with relevant applications in agriculture. Topics of study in Vet Science will develop a student's understanding of the livestock industry; including beef, dairy, sheep, goats, swine, poultry, and others. Topics of instruction include scientific investigations, genetics, animal anatomy and physiology, animal nutrition, reproduction, and general health. This course will be valuable preparation for further education and will increase the relevance of science through the applied setting of agriculture. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

**COURSE NUMBER: 557-S1 & 557-S2**

**GRADE LEVEL: 11-12 (skill level course)**

**CREDIT: 1.0**

**PREREQUISITE: Intro to Ag & Ag Science, or permission of Instructor**

**AG METAL FABRICATION (State Course Code 18401A002)**

This course will emphasize the development of basic welding and metalworking skills necessary to succeed in agricultural careers in the agricultural metal fabrication industry. Topics of instruction include: metal identification and properties, metal preparation, use of oxy-acetylene torch, plasma cutting and cutting operations, arc welding, MIG welding, TIG welding, and project design and construction. A focus will also be placed on the operations of the CNC plasma table, mills and lathes. Improving workplace and computer skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

**COURSE NUMBER: 119-S1 & 119-S2**

**GRADE LEVEL: 11-12 (skill level course)**

**CREDIT: 1.0**

**PREREQUISITE: Intro to Ag & Basic Ag Mechanics, or permission of Instructor**

### **AG MACHINERY AND SERVICE (State Course Code 18402A000)**

This comprehensive machinery service course concentrates on the following areas: using service manuals, electrical applications for agricultural equipment, fundamentals of multi-cylinder engines, reconditioning and repairing agricultural equipment, assembling and adjusting agricultural equipment, organization and management of agricultural machinery dealerships, human relations, and sales techniques. Careers such as agricultural equipment salesperson, mechanic, parts manager, sales manager, service technician, and other related occupations will be examined. Improving workplace and computer skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

**COURSE NUMBER: 118-2**

**GRADE LEVEL: 11-12 (skill level course)**

**CREDIT: 0.5**

**PREREQUISITE: Intro to Ag & Basic Ag Mechanics or permission of the Instructor**

### **AGRICULTURE BUSINESS MANAGEMENT (State Course Code 18201A001)**

This course will provide students with the basic knowledge and skills necessary to manage personal finances and develop into a successful entrepreneur and/or businessperson. Instructional units include: business ownership types, starting an agribusiness, managing and operating an agribusiness, financing an agribusiness, managing personal finances, record keeping and financial management of an agribusiness, local, state, and federal taxes, sales and marketing, economic principles, and developing employability skills. Student skills will be enhanced in math, reading comprehension, and writing through agribusiness applications. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

**COURSE NUMBER: 105-S1 & 105-S2**

**GRADE LEVEL: 11-12 (skill level course)**

**CREDIT: 1.0**

**PREREQUISITE: Intro to Ag & Agriculture Science, or permission of the Instructor**

### **AGRICULTURE COMMUNICATIONS (State Course Code 18203A002)**

Agricultural Communication courses introduce the broad field of agricultural communications and provides for the development of knowledge and skill in specific areas related to communications theory and practice. Content includes the meaning and process of communication, the role and history of print and electronic media, legal aspects of agricultural communications, news and feature writing in agriculture, news photography, layout and design, and ethics in agricultural communications. Content will also include web design and broadcast journalism in agriculture. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

**COURSE NUMBER: 834**

**GRADE LEVEL: 11-12**

**CREDIT: 1.0**

**PREREQUISITE: Intro to Ag or permission of the Instructor**

### **AGRICULTURAL WORKPLACE EDUCATION (State Course Code 18998A003)**

Agricultural Workplace Experience is designed for junior and senior students interested in pursuing careers in Agriculture. Students are released from school for their paid work experience. They participate in 200 minutes per week of related classroom instruction focusing on job survival skills, career exploration skills related to the job, and human relation skills. A qualified agricultural instructor is responsible for supervision and is given 30 minutes per student per week to do so. Written training agreements and individual student training plans are developed and agreed upon by the employer, student, and coordinator. The coordinator, student, and employer assume compliance with federal, stated, and local laws and regulations. The coordinator also needs to have taken 6 semester hours of organization and administration of Workplace Experience. The course content includes the following broad areas of emphasis: further career education opportunities, planning for the future, job seeking skills, personal development, human relationship, legal protection and responsibilities, economics of the job, organization and job termination.

**COURSE NUMBER: 844**

**GRADE LEVEL: 12**

**CREDIT: 2.0 (1 credit per semester)**

**PREREQUISITE: Intro to Ag or permission of the Instructor**

### **AG METAL FABRICATION II (State Course Code 18401A002)**

This course will focus on the skills required to manufacture metal products and run a successful metal fabrication business. Students will be placed in leadership roles, and use their metal fabrication skills to create marketable items. Skills used in this class include welding, CNC cutting and machining, metal bending, shaping and others. Improving workplace and computer skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

**COURSE NUMBER: 121-S1 & 121-S2**

**GRADE LEVEL: 12 (skill level course)**

**CREDIT: 1.0**

**PREREQUISITE: Ag Metal Fabrication I or permission of the Instructor**

## **Sherrard FFA Chapter**

The FFA is an organization that is an integral and an extracurricular activity designed to provide agriculture students with leadership, citizenship, and cooperative skills. Emphasis on leadership is in the form of youth leadership conferences, trips, tours, and seminars. Members will also have the opportunity to participate at national and state conventions as well as FFA contests and activities. Students involved with the FFA are much more prepared to leave high school and enter careers of their choice or attend post high school learning institutions. Each year 200 NEW careers in agriculture seek trained and knowledgeable employees. Over one million dollars of agricultural education scholarship money is available for college education. A membership fee does apply to members. ALL STUDENTS ENROLLED IN AGRICULTURE CLASSES ARE STRONGLY ENCOURAGED TO JOIN THE FFA.

## **BUSINESS**

### **INTRODUCTION TO BUSINESS (State Course Code 12001A001)**

This is a course designed to develop an understanding of our American business and economic principles. It will cover such topics as the economic role of business and classifications of business organizations. The course will include how to organize and use financial data in the application of decision making for business. It also includes business communications and computations, electronic technology, banking services, managing money, using credit wisely and savings and investments. An introduction to occupations in the field of business are integrated throughout the course. The student studies our economic system from the viewpoint of a consumer, worker and business owner or manager. The course will develop reading, listening, speaking and writing skills.

**COURSE NUMBER: 327-S1 & 327-S2**

**GRADE LEVEL: 9-10**

**CREDIT: 1.0**

**PREREQUISITE: None**

### **BUSINESS LAW (State Course Code 12054A001)**

This course is designed to introduce the student to the world of business and the laws that pertain to it with an emphasis on legal quarters and the history of law. It includes the study of actual court cases, the judicial system, current events, tort and criminal law; and the laws that affect contracts, sales, employment, insurance, and personal property. Students actively participate in a mock trial at the end of this course.

**COURSE NUMBER: 162-S1 & 162-S2**

**GRADE LEVEL:: 10-12**

**CREDIT: 1.0**

**PREREQUISITE: None**

### **ACCOUNTING I (State Course Code 12104A001)**

Accounting I is a skill level course that is of value to all students pursuing a strong background in business, marketing, and management. This course includes learning experiences that develop initial and basic skills used in systematically computing, classifying, recording, verifying and maintaining numerical data involved in financial control. Instruction provides information on keeping financial records, summarizing them for convenient interpretation by preparing financial reports, and analyzing them to provide assistance to management for decision making. In addition to stressing basic fundamentals and terminology of accounting, instruction shall provide initial understanding of career opportunities in the accounting field. Practice sets with business papers will be used to emphasize actual business records management. The study of accounting continues with merchandising business concepts, including sales tax, returns and allowances, and discounts. Accounting practices involving partnerships and corporations are introduced. Among the more specific topics are payroll, analysis of accounting information, as well as more advanced transactions. The later may include current and plant assets, depreciation, bad debts, inventory, and other pertinent topics.

**COURSE NUMBER: 100-S1 & 100-S2**

**GRADE LEVEL: 10-12**

**CREDIT: 1.0**

**PREREQUISITE: None**

### **ACCOUNTING II (State Course Code 12104A002)**

This course is planned to develop a deeper knowledge of the principles of accounting with more emphasis placed on financial statements and their interpretation. Simulated business conditions will be provided through the use of practice sets. Accounting computer applications will be integrated throughout the course. Skills are developed in the entry, retrieval, and statistical analysis of business data using computers. The second part of this course continues with a study of previously learned principles as they apply to more complicated types of business organizations. The student will become familiar with such specialized fields as cost accounting, payroll accounting, and others. Students will do a specialized accounting computer application. Simulated business conditions will be provided through the use of practice sets. This course provides a technical background for college bound students planning a business curriculum, as well as for those planning immediate vocational employment.

**COURSE NUMBER: 101-S1 & 101-S2**

**GRADE LEVEL: 11-12**

**CREDIT: 1.0**

**PREREQUISITE: Accounting I**

### **BUSINESS OWNERSHIP MANAGEMENT (State Course Code 12053A001)**

This course provides a solid foundation about how a business is formed, how it operates, and how it is managed. It also includes market research, pricing, distribution, advertising, sales, sources of financing and human relations. A stock market simulation is included as a component of corporate financing. In the second part of this course, the students will either research and plan a business of their own or as a class form a corporation, sell stock, market a product and keep financial records. This enables the student to apply the principles of management and marketing. Resource people from the business community are an integral part of this course.

**COURSE NUMBER: 170-1**

**GRADE LEVEL: 11-12**

**CREDIT: 0.5**

**PREREQUISITE: None**

### **MARKETING (State Course Code 12152A001)**

This course provides a solid foundation for the skills required for those students with career goals in marketing, which employs the largest segment of business. Four basic areas of marketing are taught. **Product:** The product procurement and development process. This includes market research analysis techniques and prototype evolution. **Price:** Pricing the product for optimal profits. Money management and break even analysis are an integral part of pricing a product. **Promotion:** The essentials of advertising psychology, salesmanship, layout principles, ad mix and demographics influence the promotion process. **Place:** How location and market timing is critical to the success of most businesses. Financial fundamentals of federal, state and city tax concepts are included as well as the basic overall operation of a marketing business. Skills in customer relations and product service planning are included throughout all units.

**COURSE NUMBER: 351-1**

**GRADE LEVEL: 11-12**

**CREDIT: 0.5**

**PREREQUISITE: None**



### **CHROMEBOOK MANAGEMENT & REPAIR (State Course Code 10252A000)**

This course will teach students the basics of Chromebook repair including but not limited to screen repairs, keyboard replacement, and motherboard repair. Students will also utilize a management system for checking out loaners, handling check in and check out systems for damaged computers, and monitor the overall condition of all Chromebooks. Students will also be expected to undertake a Genius Project involving technology. The Genius Project would be an independent research and development project (i.e. developing an app, coding, writing scripts).

**COURSE NUMBER: 800-S1 & 800-S2**

**GRADE LEVEL: 10-12**

**CREDIT: 1.0**

**PREREQUISITE: NO Chromebook violations, NO major disciplinary issues and Must maintain regular attendance.**

## **FAMILY AND CONSUMER SCIENCES**

### **LIFE/CLOTHING & CONSTRUCTION (State Course Code 19251A001)**

This course is designed to present basic subject matter in these areas:

1. Relationships and Families
2. Clothing and Textiles
3. Foods, Nutrition and Wellness
4. Child Care Development
5. Consumer Decision
6. Housing, Furnishings and Equipment
7. Introduction to the World of Work

The basic areas may not be taught in the sequence given. Learning experiences assist students in understanding themselves, their roles in today's society and the nature of homemaking and other home economics related careers.

**COURSE NUMBER: 346-S1 & 346-S2**

**GRADE LEVEL: 9-11**

**CREDIT: 1.0**

**PREREQUISITE: None**

### **PARENTING (State Course Code 19052A001)**

This course helps students understand the responsibilities, satisfactions and stresses of parenthood. Special attention is given to preparing for parenthood, prenatal development and care, and childbirth. Course content includes the following: managing and organizing parenting by applying decision-making and goal-setting skills; applying the basic principles of the parenting process; practicing health and safety standards as related to parenting. Special attention is given to the needs of teenage parents and to the importance of readiness for parenthood. During the course, each student will be required to care for a Real-Care baby simulator.

**COURSE NUMBER: 342**

**GRADE LEVEL: 10-12**

**CREDIT: 0.5**

**PREREQUISITE: None**

### **EARLY CHILDHOOD EDUCATION (State Course Code 19052A001)**

This course emphasizes learning experiences with children. The students will learn about the mental, physical, social and emotional development of children, primarily preschoolers. Students will also learn about organizing and running a daycare/preschool, evaluating a preschoolers progress, and they will create various projects for preschoolers in the following areas: art, science, math, puppetry, storytelling and music. Students will be required to furnish their own supplies. This class is a prerequisite for Child and Day Care Services (ACC).

**COURSE NUMBER: 231**

**GRADE LEVEL: 10-12**

**CREDIT: 0.5**

**PREREQUISITE: None**

### **FOODS I (State Course Code 16054A001)**

This course is recommended for students interested in the food service program and includes basic classroom and laboratory experiences needed to develop knowledge and understanding of basic food principles and applied nutrition for people of all ages. The content centers around the following duty areas: promoting food service and preparation management using the decision-making process; meeting basic needs by applying nutrition concepts; meeting health and safety needs in planning, preparing and serving food; maximizing resources when planning/preparing/serving food; promoting hospitality in food practices; and analyzing individual and family nutritional needs in relation to change. Information related to careers in foods and nutrition is incorporated throughout the course. In the second part of this course, more attention is paid to food selection and preparation for special circumstances and dietary needs. Laboratory sessions are devoted to preparation of foods with specific characteristics. Course content includes the following broad areas of emphasis: careers in foods and nutrition, influences on food customs, diet and health, current nutritional issues, planning for special food needs, safety of foods, food purchasing, prevention of foodborne illness, and conservation in food preparation. The application of the above-mentioned areas of emphasis to food service occupations is stressed. This course provides an introduction to commercial food service, preparation and management.

**COURSE NUMBER: 265A**

**GRADE LEVEL: 10-12**

**CREDIT: 0.5**

**PREREQUISITE: None**

### **FOODS II (State Course Code 16054A003)**

This course uses the basics learned in Foods I to relate them to a commercial food service setting. Food management skills, menu planning, food purchasing, sanitation and quantity food production are practiced with emphasis on customer satisfaction. Careers in the food service industry are reviewed. Students learn the use and care of some commercial food service equipment. The second part of this course is designed to provide students interested in a career in food service with the information and practical experiences needed for the development of food service job-related competencies. The students receive laboratory experiences using food service equipment, preparing food in quantity and serving food. Safety and sanitation are emphasized. Training experiences simulate those found in business and industry.

**COURSE NUMBER: 266B**

**GRADE LEVEL: 10-12**

**CREDIT: 0.5**

**PREREQUISITE: Foods I**

### **SENIOR LIFE SKILLS (State Course Code 19257A000)**

Senior Life Skills is designed to increase student knowledge and skills necessary for everyday living beyond high school. The course emphasizes goal-setting, job seeking process, decision making and problem solving, communication, healthy lifestyles, nutrition and wellness, personal safety, citizenship, minor auto maintenance, consumerism, and other skills required for everyday life.

**COURSE NUMBER: 826**

**GRADE LEVEL: 12**

**CREDIT: 0.5**

**PREREQUISITE: Senior status**

### **EDUCATION AIDE (State Course Code 19995A000)**

Aide courses offer students the opportunity to assist instructors in preparing, organizing, or delivering course curricula. Students may provide tutorial or instructional assistance to other students at the Jr./Sr. High School.

**COURSE NUMBER: 244-S1 and/or 244-S2**

**GRADE LEVEL: 12**

**CREDIT: 0.5 for a semester or 1.0 if taken both semesters**

**PREREQUISITE: Senior status**

## **FINE ARTS**

### **ART I (State Course Code 05155A000)**

This course is designed for the beginning art students to explore various mediums and methods in art. Students are guided through individual projects in the following units: drawing, perspective, portraiture, watercolor painting, ceramics, social art, comic strips, calligraphy and design. Basic Art History is looked at. An artist paper and presentation is required. A material fee will be charged for this class.

**COURSE NUMBER: 125-S1 & 125-S2**

**GRADE LEVEL: 9-10 (11 with permission of Instructor)**

**CREDIT: 1.0**

**PREREQUISITE: None**

### **ADVANCED ART 2 (State Course Code 05154A000)**

This course is designed for students that have a basic understanding of art theory and art history. The course explores advanced "2D" techniques in drawing, painting, pastels, and illustration. This course allows time for portfolio production for students interested in a college art major. There will be a materials fee for this course.

**COURSE NUMBER: 102-S1 & 102-S2**

**GRADE LEVEL: 10-12**

**CREDIT: 1.0**

**PREREQUISITE: Art I with a B or above or instructor permission**

**ADVANCED ART 3 (State Course Code 05170A000)**

This course is designed for students that have a basic understanding of art theory and art history. The course explores advanced 3D techniques, working with ceramics, wood, wire, stone, plaster and alternative materials. This course allows time for portfolio production for students interested in a college art major. There will be a materials fee for this course.

**COURSE NUMBER: 103-S1 & 103-S2**

**GRADE LEVEL: 11-12**

**CREDIT: 1.0**

**PREREQUISITE: Art I with a B or above or instructor permission**

**ADVANCED ART 4 (State Course Code 05170A000)**

This course is designed for serious art students who may want a career in art. Students will create a digital college portfolio. Students must have passed all previous art courses within the requirements listed above. This course allows students to explore advanced techniques in 2D and 3D artwork. Students are expected to work independently to expand their creative visual expression. There will be a materials fee for this course.

**COURSE NUMBER: 104-S1 & 104-S2**

**GRADE LEVEL: 11-12**

**CREDIT: 1.0**

**PREREQUISITE: Advanced Art 2 or 3 with a B in both classes and instructor permission**

**BAND (State Course Code 05101A000)**

High School Band is open to all students who have successfully completed the requirements of 8th Grade Band or have special permission from the instructor. All students participate in Symphonic Band, Marching Band, and Pep Band. Also available are Jazz Ensemble, Musical Pit Band, and small ensembles. Required performances include: marching performances (home football games, parades, and marching competitions); selected home basketball games; select community and school performances; Holiday, Winter, and Spring Concerts; conference band festivals; IHSA Music Organizational Contest; IHSA Solo & Ensemble Contest; and Commencement (graduation).

**COURSE NUMBER: 145-S1 & 145-S2**

**GRADE LEVEL: 9-12**

**CREDIT: 1.0**

**PREREQUISITE: 8th Grade Band or special permission from the instructor**

**PERCUSSION ENSEMBLE (State Course Code 05106A000)**

Instrumental Ensemble courses are intended to develop students' technique for percussion instruments in small ensemble groups. Instrumental Ensemble courses cover one or more instrumental ensemble or band literature styles.

**COURSE NUMBER: 148-S1 & 148-S2**

**GRADE LEVEL: 9-12**

**CREDIT: 1.0**

**PREREQUISITE: Teacher Recommendation**

### **CHOIR (State Course Code 05110A000)**

Choir is open to all students who have successfully completed the requirements of 8th Grade Choir or have special permission from the instructor. Students will learn rudiments of vocal technique, performance skills, music theory fundamentals, and sight singing. Students are required to attend all concerts including Fall, Holiday, Winter, and Spring concerts. In addition to the class, students are required to participate in the following community events and programs: IHSA Music Organizational Contest; Veteran's Day; Madrigal dinner (on select years); various choral festivals; and Commencement (graduation). Students who go above and beyond may be selected for Madrigals/A Cappella groups, Musical, Variety Show, IHSA Solo & Ensemble Contest, or may audition and participate in the ILMEA and/or TRAC honor choir festival.

**COURSE NUMBER: 163-S1 & 163-S2**

**GRADE LEVEL: 9-12**

**CREDIT: 1.0**

**PREREQUISITE: None**

### **MUSIC THEORY (State Course Code 05113A000)**

Students will learn how to read, write, analyze, and perform music in preparation for music theory courses after high school. Music theory is a class designed for the advanced musician to more thoroughly understand the components of music and music composition. This class will enable the student to successfully complete basic college theory classes. Students will also be able to compose music and understand the guidelines used in music composed by others. It is preferred that students can already read music and have been a member of one of our music ensembles before taking this course, but it is not required.

**COURSE NUMBER: 810-S1 & 810-S2**

**GRADE LEVEL: 10-12**

**CREDIT: 1.0**

**PREREQUISITE: Band or Choir**

### **INTRODUCTION TO GUITAR (State Course Code 05108A000)**

During the course students will learn the basic skills needed to play acoustic guitar and the basic framework needed to continue learning independently after the end of the course. The beginning of the course will be learning baseline skills needed to play, including reading tablature, lead sheet symbol, and standard music notation, as well as commonly used chords and strumming patterns. After the basic proficiencies are met, the course curriculum will be flexible and designed so that each student can pick a learning "track" that interests them most relating to different ways the guitar can be played. This includes but is not limited to the following: songwriting/self accompaniment, intermediate level chords/strumming styles, and soloing and riff composition/improvisation. This course will be designed as a performance-based semester-long course, with an opportunity to perform at a public concert at the end of the semester. The basic framework of this course will be learning a skill through assessed exercises, then performing a song/summative assessment highlighting the skill and will be tailored to student skill level.

**COURSE NUMBER: 915**

**GRADE LEVEL: 10-12**

**CREDIT: 0.5**

**PREREQUISITE: None**

## FOREIGN LANGUAGE

### **SPANISH I (State Course Code 24052A000)**

Designed to introduce students to Spanish language and culture, Spanish I courses emphasize basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. Culture is introduced through the art, literature, customs, and history of Spanish speaking people.

**COURSE NUMBER: 431-S1 & 431-S2**

**GRADE LEVEL: 9-12 (Seniors with permission of instructor)**

**CREDIT: 1.0**

**PREREQUISITE: C (70% based on current scale) average or better in previous 2 semester English and Spanish course or Teacher recommendation.**

### **SPANISH II (State Course Code 24053A000)**

This course builds upon the skills developed in I, extending students' ability to understand and express themselves in Spanish and increasing their vocabulary. Typically, students learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly. Students usually explore the customs, history, and art forms of Spanish-speaking people to deepen their understanding of the culture(s).

**COURSE NUMBER: 432-S1 & 432-S2**

**GRADE LEVEL: 10-12**

**CREDIT: 1.0**

**PREREQUISITE: C (70% based on current scale) or better in Spanish I or Teacher recommendation.**

### **SPANISH III (State Course Code 24054A000)**

This course focuses on having students express increasingly complex concepts both verbally and in writing while showing some spontaneity. Comprehension goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing easily within limited situations.

**COURSE NUMBER: 433-S1 & 433-S2**

**GRADE LEVEL: 11-12**

**CREDIT: 1.0**

**PREREQUISITE: B (80% based on current scale) in Spanish II or Teacher recommendation.**

### **SPANISH IV (State Course Code 24055A000)**

This course focuses on advancing students' skills and abilities to read, write, speak, and understand the Spanish language so that they can maintain simple conversations with sufficient vocabulary and an acceptable accent, have sufficient comprehension to understand speech spoken at a normal pace, read uncomplicated but authentic prose, and write narratives that indicate a good understanding of grammar and a strong vocabulary.

**COURSE NUMBER: 434-S1 & 434-S2**

**GRADE LEVEL: 11-12**

**CREDIT: 1.0**

**PREREQUISITE: 80% (based on current scale) in Spanish III or Teacher recommendation.**

**SPANISH V (State Course Code 24056A000)**

Students enrolled in Spanish IV will be learning a variety of forms to communicate in the target language. The class is held in Spanish and students will be required to practice (speak) and use their previously acquired skills to partake in the class. Lengua y Cultura will give each student the opportunity to explore the Hispanic culture in both contemporary and historical contexts. Through this course, Students will develop an awareness of and appreciation for the different cultures throughout the Hispanic world and compare them with their own communities. Some of the topics that are covered are as follows: Global challenges, the Arts, Contemporary life, Hispanic History and Literature and a strong emphasis on Communication. Students will be exposed to Native speakers with different regional pronunciations through authentic audio clips, videos and guests. Students will be speaking in the target language and working towards mastery of the target language. To promote and foster the enhancement of communication skills in a foreign language, it is expected that students will actively participate in the target language.

**COURSE NUMBER: 411-S1 & 411-S2**

**GRADE LEVEL: 12**

**CREDIT: 1.0**

**PREREQUISITE: B (80% based on current scale) in Spanish IV or Teacher recommendation. Students that are Juniors can enroll in both Spanish IV and Spanish V IF certain requirements are met. See teacher for more information.**