

Eastland Jr./Sr. High School Curriculum Guide 2022-2023

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General Information

This curriculum guide provides information for parents and students regarding course offerings at Eastland Jr./Sr. High School. After reading through the curriculum guide and exploring career goals with parents, students will be able to make better choices regarding course selection. Making educated decisions at this time will enhance possibilities after high school.

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Eastland Community Unit School District #308

District Vision

Learning is paramount at Eastland, where students are provided the foundation for a happy, healthy, and successful life through the development of competencies . . .

CORE COMPETENCIES

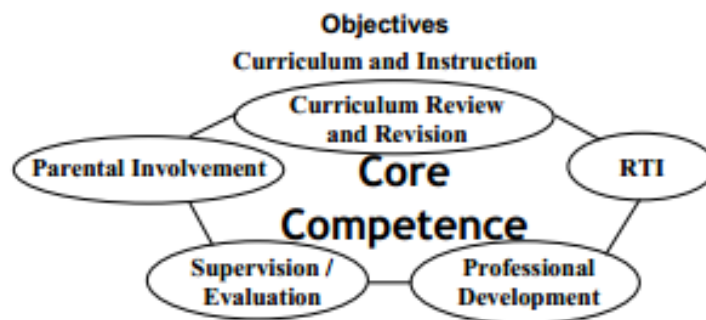
to **read, write, speak, and listen** effectively
to **apply math and science skills** to solve problems

SUPPLEMENTAL COMPETENCIES

to **reference history and civics**
to **use technology** to communicate and solve problems
to live a life of **mental and physical wellness**

SOCIAL-CULTURAL COMPETENCIES

to **lead** ethically
to communicate **civilly**
to act **confidently**
to **collaborate** effectively
to **think** creatively
to **work** productively and
to **contribute personally** to a better school, community, and world.



Eastland High School Graduation Requirements

Students must earn twenty-eight (28) credits and take the SAT in order to graduate from Eastland High School. We encourage students to develop a plan for their high school education that adequately prepares them for both college/careers. Specific course requirements for graduation from Eastland are:

<u>Courses</u>	<u>Credits</u>	
		(Beginning with the Class of 2016)
<i>English</i>	4	
- Students are required to take at least one English course per year		
<i>Math</i>	4	
- Algebra 1 equivalency		
- Geometry equivalency		
- Students are required to take at least one Math course per year		
<i>Science</i>	3	
- 1 credit of Biology		
- 1 credit of Physical Science		
<i>Social Studies</i>	3	
- .5 credit of Civics		
- 1 credit of US History/AP US History		
<i>Consumer Education</i>	0.5	
<i>Physical Education</i>	4	
- Unless waived by the Principal		
- 0.5 credit of Health		
<i>Art, Music, or Vocational Education</i>	1	<hr/>
Total Credits of required courses:	19.5	
Total elective courses required:	<u>8.5</u>	
Total credits required for graduation:	28.0	

Other Graduation Requirements include passing an examination on patriotism and principles of representative government, proper use of the flag, methods of voting, and the Pledge of Allegiance.

Students who complete the Special Education Program as prescribed by the Bi-County Special Education District may receive a regular High School diploma and may participate in graduation exercises at Eastland High School. All students enrolled in the Special Education Program are entitled to participate in all activities of their class.

Community Service

Students must complete a minimum of 25 hours of community service prior to graduation. Community service opportunities will be provided by the school, but students may also be required to seek out independent community service opportunities.

Students should receive written verification by an adult, non-related supervisor of the community service that both describes the service performed and documents the number of hours served. The district will collect and compile the verification forms to ensure community service hours are completed as prescribed.

Freshmen Year:	4 hours
Sophomore Year:	6 hours
Junior Year:	7 hours
Senior Year:	<u>8 hours</u>
Total:	25 hours

- Any student in the class of 2023, 2024 or 2025 that receives 25 hours of community service prior to graduation will be recognized at the graduation ceremony.

MINIMUM STUDENT SCHEDULE AT HIGH SCHOOL

Each high school student shall be enrolled in a minimum of seven classes and be allowed no more than one full length study hall period per day. Students are only allowed three semesters of study hall except in extenuating circumstances and approval has been granted by the High School Principal. Students must be enrolled in Physical Education in order to be eligible for study hall.

HIGH SCHOOL SCHEDULING CHANGES

Changes can be made or a course dropped through the first five days of classes if:

1. It is possible in terms of your existing schedule and the change will not overload a particular class.
2. The change results in a reasonable program of study in terms of the established curriculum.
3. The change is approved by the parent, teacher, counselor, and Principal.
4. The change is made for educationally sound reasons.
5. **After the first five school days of each semester, a dropped course will be recorded as a withdrawal/failure.**

Course availability is dependent on student interest, teacher availability, and other course conflicts.

CREDIT FOR ALTERNATIVE COURSES, INCLUDING VIRTUAL COURSES AND CREDIT RECOVERY

A student enrolled in a distance learning course, including a virtual or online course, may receive high school credit for work completed, provided:

1. The course is offered by an institution approved by the Superintendent or designee;
2. The course is not offered at Eastland High School or is a unique circumstance
3. The student assumes responsibility for all fees (including tuition and textbooks); and
4. The Building Principal approves the course curriculum in advance.
5. Preferred sources include Edmentum and the Credit Recovery program offered through our Regional Office of Education.

A maximum of 4 credits may be counted toward the requirements for a student's high school graduation. Grades earned in approved distance learning courses count toward a student's grade point average, class rank, and eligibility for athletic and extracurricular activities.

Summer School

A student may receive credit for successfully completing a summer school course, provided:

1. The course is given by an institution accredited by the North Central Association of Colleges and Secondary Schools, or the Illinois State Board of Education.
2. The course is used either to:
 - A. fulfill a credit for a required course that the student has failed, or
 - B. satisfy an elective credit for a course not offered at Eastland
3. The student assumes responsibility for all fees; and
4. The Building Principal approves the course curriculum in advance.

College Courses

A student who successfully completes community college courses may receive high school credit, provided:

1. The student is a senior in good academic standing;
2. The course is not offered in the high school curriculum;
3. The course is approved in advance by the student's School Counselor and the High School Principal; and
4. The student assumes responsibility for all fees.

A maximum of 6 units of credit may be counted toward the requirements for a student's high school graduation unless student is participating in the CollegeNow program.

College Now

CollegeNow at Highland Community College allows high school students to enroll as full-time students and earn dual credit toward an associate's degree all while finishing high school.

Program Qualifications

1. Recommendation from the high school
2. On-track to complete the sophomore year in good standing (two-year CollegeNow)
3. On-track to complete the junior year in good standing (one-year CollegeNow)
4. Minimum 3.5 GPA
5. Successful completion of Geometry & Algebra II of 3.0 or higher
6. Excellent attendance (less than 9 absences per school year)
7. High School Transcript submitted with CollegeNow application
8. Test into College level courses using ACCUPLACER Test at HCC, in English, Reading and Math or ACT/SAT
9. CollegeNow students are expected to work with Mrs. Pilgrim and their Highland advisor to select courses that meet their core course requirements for graduation from Eastland High School. Furthermore, CollegeNow students must be full-time and be taking 12 credits or more per semester. If they have met the aforementioned criteria, the overall credit requirement of 28 credits may be modified with principal approval.

Eastland AP Courses	Highland Equivalent Courses that will received a weighted GPA	
AP Biology	BIOL 110 - Principles of Biology OR BIOL 209 – Biology II	BIOL 208 - Bio I: Cell & Molecular Biology
AP Calculus	MATH 168 - Analytic Geometry & Calculus I	MATH 172 - Calc for Business/Soc. Science OR MATH 268: Analytic Geometry & Calc II
AP Chemistry	CHEM 120 - General Chemistry OR CHEM 124 – General College Chemistry II	CHEM 123 - General College Chemistry
AP Literature & Comp.	ENGL 121: Rhetoric & Comp I	ENGL 122 - Rhetoric & Comp II
AP US History	HIST 143 - US History I	HIST 144 - US History II
*AP Courses at Eastland are year-long. Therefore, we are weighting two HCC courses to give the same amount of weighted credit since these courses are only one semester in length		

Apprenticeships and/or Work Study

Students participating in a Youth Apprenticeship and/or Work Study set-up by Bi-County Special Education Coop may earn credit towards graduation. Participation in such programs must be approved by the School Counselor and Principal.

SUBSTITUTIONS FOR PHYSICAL EDUCATION AND OTHER REQUIRED COURSES

A student in grades 9-12, unless otherwise stated, may submit a written request to the Building Principal to be excused from physical education courses for the reasons stated below. The Superintendent or designee shall maintain records showing that the criteria set forth in this policy were applied to the student's individual circumstances.

1. Enrollment in a marching band program for credit.
2. Ongoing participation in an interscholastic athletic program (student must be in the 11th or 12th grade);
3. Enrollment in academic classes that are required for admission to an institution of higher learning (student must be in the 11th or 12th grade); or
4. Enrollment in academic classes that are required for graduation from high school, provided that failure to take such classes will result in the student being unable to graduate (student must be in the 11th or 12th grade).

A student in grades 3-12 who is eligible for special education may be excused from physical education courses if:

1. The student's parent/guardian agrees that the student must utilize the time set aside for physical education to receive special education support and services, or
2. The student's individualized education program team determines that the student must utilize the time set aside for physical education to receive special education support and services.

The agreement or determination must be made a part of the individualized education program. A student requiring adapted physical education must receive that service in accordance with the student's individualized education program.

GRADING SYSTEM

3.5 - 4.0	Mastery
2.8 - 3.4	Proficient
1.7 - 2.7	Emerging
1.0 - 1.6	Insufficient Evidence

A student's standards-based grade is determined solely by his/her performance on summative assessments of learning. Students will have multiple opportunities to demonstrate proficiency of grade level standards. A parent/student may request that a student be re-assessed on any standard or skill on which he/she did not demonstrate mastery on a summative assessment, provided the student has worked with the teacher to complete a relearning plan. See the handbook for more detailed information regarding Eastland's Grading System.

Please print

Grade

Student's Birth Date

Date _____

Date

Date

EASTLAND HIGH SCHOOL COURSES AT A GLANCE

	<i>Ninth Grade</i>	<i>Tenth Grade</i>	<i>Eleventh Grade</i>	<i>Twelfth Grade</i>
Agriculture	Intro to Ag Multicraft I Technology in Ag Multicraft II	Intro to Ag Multicraft I Multicraft II Technology in Ag Veterinary Technology BSAA	Intro to Ag Multicraft I Multicraft II Technology in Ag Crop & Livestock Science BSAA Ag Business Veterinary Technology	Intro to Ag Multicraft I Multicraft II Technology in Ag Crop and Livestock Science BSAA Ag Business Veterinary Technology
Arts	Art I	Art I Art II	Art I Art II Art III	Art I Art II Art III
Business		Accounting I	Accounting I Business (Ag. Business)	Accounting I Consumer Education Business (Ag. Business)
Computer Science	CAD/CAM	CAD/CAM	Robotics/Biomechanics CAD/CAM	Robotics/Biomechanics CAD/CAM
English	English I	English II	English III AP Literature & Composition	English IV AP Literature & Composition
Family & Consumer Sciences	FACS I	FACS I FACS II	FACS I FACS II	FACS I FACS II
Foreign Language	Spanish I	Spanish I Spanish II	Spanish I Spanish II Spanish III	Spanish I Spanish II Spanish III Spanish IV
Mathematics	Pre-Algebra Algebra I	Algebra I Geometry Algebra II	Geometry Algebra II Algebra II-B PreCalculus/Trigonometry	Algebra II Advanced Alg/Trig Math for the Trades PreCalculus/Trigonometry Statistics & Probability AP Calculus
Music	Chorus Band Jazz Band Morning Chorus	Chorus Band Jazz Band Morning Chorus	Chorus Band Jazz Band Morning Chorus	Chorus Band Jazz Band Morning Chorus
Physical Education	PE Health (Required)	PE Conditioning & Fitness	PE Conditioning & Fitness	PE Conditioning & Fitness
Science	Physics 1st Biology I	Biology I Biology II Chemistry	Chemistry Biology II Physics BSAA AP Biology AP Chemistry	Chemistry Biology II Physics BSAA AP Biology AP Chemistry
Social Science	Making of Modern History	Making of Modern History US History World Contemp/Sociology	US History AP US History World Contemp/Sociology	Civics AP US History World Contemp/Sociology

NCAA Eligibility (updated 12/13/18)

The NCAA Initial-Eligibility Clearinghouse has approved the following core academic courses for use in establishing the certification status of student-athletes at Eastland High School. Students expecting to receive NCAA athletic eligibility for college should refer to the NCAA website: www.ncaa.org.

English

English I
English II
English III
AP Literature & Composition
English IV

Mathematics

Algebra I
Geometry
Algebra II
Adv. Algebra/Trig
Pre-Calculus (Trig)
AP Calculus
Statistics & Probability

Social Science

Making of Modern History
Civics
Sociology
Contemporary World Issues
AP US History
US History

Foreign Language

Spanish I
Spanish II
Spanish III
Spanish IV

Natural/Physical Science

Biology I
Biology II
AP Biology
Chemistry I
Physics 1st
Human Physiology
AP Chemistry
Physics

COURSE PLANNING

When registering for classes at Eastland High School, students will:

- 1) Complete an annual Individual Learning Plan that identifies students' interest and includes course planning in preparation for future post-secondary education and/or career.
- 2) Select eight courses for each semester. Alternative courses may also be requested. Students should choose carefully with future goals in mind.
- 3) Select courses for the appropriate grade level and course sequencing.
- 4) Remember to enroll for all required courses as well as courses that may have been taken previously but were failed (and are required for graduation).
- 5) Make sure they meet the necessary prerequisites for courses they select.
- 6) Monitor their credits for graduation and plan accordingly.

PREPARING FOR COLLEGE

Eastland strives to ensure that by graduating from Eastland High School, students have taken the coursework necessary for them to be successful in both college and future careers. Because of that, our graduation requirements align with or exceed the Core College Preparatory Requirements (*4 years of English, 3 years of Math, 3 years of Social Studies, and 3 years of Science*). Colleges look at GPA, class rank, SAT scores, and the rigor level of courses taken at high school. Because it is important to have students achieve their fullest potential while at high school, we encourage students to pursue the most rigorously appropriate courses for themselves.

CAREER PLANNING

Eastland students are encouraged to begin exploring career possibilities long before graduation. Some ways in which Eastland students explore careers include elective class elections, websites, college & career search engines, interest inventories, career portfolios, internships, job shadows, etc. One way for students to organize their career planning is by creating a Program of Study to help ensure you are on a pathway to your future career.

Definition of Key Concepts in Career Planning:

Program of Study: a formal template that outlines a sequence of courses that should be taken throughout high school and into their Associate Degree and beyond. This helps students know if they are on track educationally for a Career Pathway. These are developed with the help of teachers, parents, and counselor.

Career Cluster: groups of occupations and industries that have in common a set of foundational knowledge and skills. There are 16 nationally recognized clusters within which are multiple career pathways.

Career Pathways: are multi-year programs of academic and technical study that prepare high school students for a full range of postsecondary options within each of the 16 clusters. Pathways provide a context for exploring career options at all levels of education and a framework for linking learning to the knowledge and skills needed for future education and employment. Students should review the Career Cluster, identify ones that interest them, and work with their counselor and parents on developing an individualized Program of Study.

Visual Example of the Career Cluster Framework and the 16 Career Clusters.



High School Course Descriptions

AGRICULTURE

Agriculture I - Introduction to Agriculture Science

Course Key: 18001A/B

State Course ID#: 18001A001

Grade Level: 9-12

Length: 1 year / 1 credit **Prerequisite:** None

This course will provide the student with a broad insight into the Agriculture Industry. It is intended to give students a broad range of knowledge in several areas of the agriculture industry. Students will develop an understanding of areas such as the FFA, Plant and Animal Science, and Record Keeping SAE's. Students will also enhance their learning through several research projects and presentations. This course will provide an interesting year for a student with either a rural or town background. FFA membership required. FFA membership dues of \$20.00 must be paid at the beginning of the school year.

Multi-Craft I

Course Key: 18403A/B

State Course ID#: 18403A001

Grade Level: 9-12

Length: 1 year / 1 credit **Prerequisite:** None

This course will introduce students to technical drawing, safety procedures, use of hand tools and machine operations, woodworking, surveying, electrical, small engines and welding. Students will also learn about careers in trade industries. This course is designed to provide pre-vocational background for those students who are considering entering the trades or related fields. This course must be taken before Multi-Craft II. FFA membership is required. FFA membership dues of \$20.00 must be paid at the beginning of the school year.

Multi-Craft II

Course Key: 18404A/B **State Course ID#:** 18402A001

Grade Level: 10-12

Length: 1 year / 1 credit **Prerequisite:** Multi-Craft I

This course is designed as the advanced multi-mechanical course option. Students will continue their study of machine operations, woodworking, surveying, electrical, small engines and welding. This course is designed to enhance the knowledge of students who are considering entering the trades or related fields. FFA membership is required. FFA membership dues of \$20.00 must be paid at the beginning of the school year.

Agriculture III - Crop and Livestock Science

Course Key: 18003A/B **State Course ID#:** 18003A001

Grade Level: 11-12

Length: 1 year / 1 credit **Prerequisite:** Ag I

This course covers a study of soils, crops, integrated pest management, animal production including; nutrition, facilities and meat science. Agri-science applications are included through hands-on activities and labs. Leadership skills are reviewed in this class. Field trips are taken. FFA membership required. FFA membership dues of \$20.00 must be paid at the beginning of the school year.

Agriculture IV- Agriculture Business Management

(Will receive dual credit from Highland Community College for their AGOC 124 course.)

Course Key: 18201A/B **State Course ID#:** 18201A001

Grade Level: 11-12

Length: 1 year / 1 credit

Prerequisite: Intro. to Ag or Accounting I

This course studies the business aspect of Agriculture. This is an in-depth study of Ag business, finance, record keeping, marketing and management. Students will study futures trading and economics. The course will be broken into two sections the first focusing on types of agriculture businesses and their structure. The second half of the course will concentrate on commodity marketing, the futures market and economics. Students will enhance their understanding of both areas through several group projects and hands-on activities. FFA membership required. FFA membership dues of \$20.00 must be paid at the beginning of the school year.

Biological Science with Agriculture Applications

Course Key: 18051A/B **State Course ID#:** 18051A002

Grade Level: 10-12 **Length:** 1 year / 1 credit **Prerequisite:** Biology I or Intro. to Ag.

An exciting lab science class with most of the class time spent in lab research. The first semester will be concerned with environmental factors affecting life, germination and growth. Students will also research agriculture's impact on the environment and creating sustainable farms. In the second semester, the student will study biotechnology, GMO's, animal genetics and growth factors. The course will round off with food science investigations. This class would benefit any student planning to further their education beyond high school. FFA membership required. FFA membership dues of \$20.00 must be paid at the beginning of the school year. *This course will receive Science credit.*

Technologies in Agriculture

Course Key: 18152B **State Course ID#:** 18449A002

Grade Level: 10-12 **Length:** 1 year / 1 credit **Prerequisite:** Intro. to Ag.

This course is designed to reinforce and extend students understanding of physical science and the scientific process by associating scientific and math principles and concepts with relevant applications in agriculture. Topics of study are in the areas of scientific investigations, genetic engineering, technologies in agriculture, GIS, drone technology and computer science.

Veterinary Technology

Course Key: 18150A **State Course ID#:** 18105A001

Grade Level: 10-12 **Length:** 1 year / 1 credit **Prerequisite:** Introductory level Ag. course

This course will develop students' understanding of the small and companion animal industry, animal anatomy and physiology, animal ethics and welfare issues, animal health, veterinary medicine, veterinary office practices, and animal services to humans. Career exploration will focus on veterinarian, veterinary lab technicians, office lab assistant, small animal production, research lab assistant, and animal nutrition lab technician. 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. *This course will receive Science credit.*

BUSINESS

Consumer Education

Course Key: 12200 **State Course ID#:** 22210A000

Grade Level: Required for Seniors **Length:** 1 semester / ½ credit **Prerequisite:** None

This course is aimed at providing students with basic skills in banking and its services, credit availability and use, the purchase of and needs for insurance, budgeting needs at all levels of life, savings and investments, and other pertinent consumer topics. Consumer rights and responsibilities and the role government plays in consumer decisions will also be covered. College and Career planning activities will also aid seniors in preparing for their futures. This course is required for graduation.

COMPUTER SCIENCE

Intro to Computer Aided Design and Manufacturing

Course Key: 21010A/B **State Course ID:** 10002A000

Grade Level: 10-12 **Length:** 1 year / 1 credit **Prerequisite:** Ag. Multi-Craft I or Computing Ideas

This course will introduce students to CAD/CAM. Basic computer hardware, software and operating systems will be discussed. Basic two-dimensional and three-dimensional drawing and creation techniques will be discussed along with creation and editing techniques. Students will begin learning how to develop CNC-ready programming. Students will use TinkerCAD, Sketchup and will be introduced to 3D printing.

Robotics & BioMechanics

Course Key: 21009A/B **State Course ID:** 03153A000

Grade Level: 11-12 **Length:** 1 year / 1 credit

Prerequisite: Ag. Multi-Craft I or Computing Ideas

This course builds on the knowledge obtained in Jr. High in basic programming and problem solving strategies using Robotics. Students will develop, build and fabricate robotic chassis and work hands-on in teams to design, build, program and document their progress. Topics may include motor control, gear ratios, torque, friction, sensors, decision-making, propulsion systems and locomotive systems. Students will also learn how robotics relates to science and technological advances. Robotics competition may be part of this course.

ENGLISH

English I

Course Key: 01001A/B **State Course ID#:** 01001A000

Grade Level: 9

Length: 1 year / 1 credit

Prerequisite: None

This a one-year course studies units in both literature and construction. Students will further develop reading skills while studying various forms of literature.

Developmental English

Course Key: 01009A/B **State Course ID#:** 01009A000 **Grade Level:** 9 **Length:** 1 year / 1 credit

Prerequisite: Placement based on test scores and teacher/administrator recommendation

This course is designed to help struggling readers develop a variety of comprehension and vocabulary strategies, and help them build fluency to help them succeed in high school and post-secondary education. Guided by individual assessments, teachers will utilize engaging, purposeful, and research-based practices to help students make progress and will monitor student progress regularly to ensure student growth. *Students enrolled in Developmental English will also be enrolled in the English I course.*

English II

Course Key: 01002A/B **State Course ID#:** 01002A000

Grade Level: 10

Length: 1 year / 1 credit

Prerequisite: English I

This year-long course includes the study of nonfiction, poetry, short stories, and novels, as well as creative writing. Special emphasis is placed on critical thinking, precise communication, and effective formatting..

English III

Course Key: 01003A/B **State Course ID#:** 01003A000

Grade Level: 11-12

Length: 1 year/1 credit

Prerequisite: English II

This year-long course examines American literature from Puritan literature to modern literature, including the works of Henry Wadsworth Longfellow, Edgar Allan Poe, F. Scott Fitzgerald, and Ernest Hemingway. An emphasis is placed on reading stories and poetry from specific literary movements. Students will write various literary analysis papers, as well as a heritage paper.

English IV

Course Key: 01004A/B **State Course ID#:** 01004A000

Grade Level: 11-12

Length: 1 year/1 credit

Prerequisite: English III or AP Literature

This year-long course is designed to help students that are preparing for college as well as students heading into the workforce. The course examines British literature from several different periods, including the works of Chaucer, Shakespeare, Swift, and Dickens. The course also examines classic and contemporary works of non-Western civilizations as well as literature related to contemporary social issues such as war, poverty, and utopia. For the final unit, students will perform a literary survey in an area of their choosing and will complete a character analysis, literary analysis, poem analysis, and literary survey.

Advanced Placement Literature and Composition

Course Key: 01006A/B **State Course ID#:** 01006A000

Grade Level: 11-12

Length: 1 Year / 1 credit

Prerequisite: English II and College Bound

AP English is designed to help students understand how writers use language to provide meaning and to answer the

big questions in life. Students will compare literary works to the history of the time period for greater understanding and will determine the qualities of great literature. Student will use analysis of style and structure, rhetoric strategies, diction, figurative language, imagery, selection of detail, language and syntax along with vocabulary enrichment.

FAMILY AND CONSUMER SCIENCE

FACS I – Introduction to Family and Consumer Sciences

Course Key: 16040A/B **State Course ID#:** 22201A001

Grade Level: 9-12 **Length:** 1 year / 1 credit **Prerequisite:** None

This course introduces students to the field of family and consumer sciences and the many career opportunities available in this broad field. The course includes theory and laboratory experiences in the following content areas: nutrition and culinary arts; textiles and design; family, career, and community leadership development; resource management; human development and lifelong learning; facility design, care, and management; and interpersonal relationships and life management skills.

FACS II – Child Nutrition & Development

Course Key: 16041A/B **State Course ID#:** 16054A001

Grade Level: 10-12 **Length:** 1 year / 1 credit **Prerequisite:** FACS I

This intermediate course includes classroom and lab experiences needed to develop knowledge and understanding of food preparation and nutrition, parenting, and childhood development. Within the food preparation and nutrition content area, the course emphasizes nutrition, sanitation, advanced food preparation techniques, and careers. The parenting content area will focus on the responsibilities of parenthood and alternative ways of meeting the needs of children. Pregnancies, birth defects, adoption, interactions between children and family members, and the availability of community and social services are all vital topics covered in the course.

FINE ARTS

Art I - Basic Design

Course Key: 05154A/B **State Course ID#:** 05154A000

Grade Level: 9-12 **Length:** 1 year / 1 credit **Prerequisite:** None

This is an introductory course to the visual arts. The content covers a variety of concepts and drawing medias, painting and color theory, three-dimensional design, pottery, calligraphy and techniques in perspective. Students learn about art history and visual art careers. Students will create, maintain, analyze, and interpret a portfolio throughout this course. This course is a prerequisite course for advanced art classes.

Art II – Studio 2D & 3D

Course Key: 05155A/B **State Course ID#:** : 05154A000

Grade Level: 10-12 **Length:** 1 year / 1 credit **Prerequisite:** Art I

This course is designed to further develop the concepts and skills learned in basic design. Students will use the skills and techniques learned previously to enhance artwork in two and three-dimensional design using a variety of different media. The two-dimensional media includes graphite, charcoal, pastels, color pencil, acrylic, watercolor and ink techniques. The three-dimensional work explored in this class includes ceramics, foam sculpture, along with non-traditional sculpture materials. The student will develop an ability to make effective choices concerning media, techniques, subject matter, methods of interpretation and compositional design. Students will create, maintain, analyze, and interpret a portfolio throughout this course.

Art III – Advanced Studio

Course Key: 05158A/B **State Course ID#::** 05170A000

Grade Level: 11-12 **Length:** 1 year / 1 credit **Prerequisite:** Art II

This course is meant for an advanced art student who has completed basic design and studio 2D & 3D. Skills learned in those classes are incorporated and enhanced through this course. Each student will use their prior knowledge in the previous courses to investigate more thoroughly two-dimensional and three-dimensional projects. Students must show initiative and good studio habits in addition to being interested in art. Students will create, maintain, analyze, and interpret a portfolio throughout this course. This course is repeatable for credit focusing on advanced standards.

PERFORMING ARTS

Band

Course Key: 05101A/B **State Course ID#:** 05101A000

Grade Level: 9-12 **Length:** 1 year / 1 credit **Prerequisite:** None

Band is for one academic credit. Band meets daily. Students are required to play an instrument or percussion. The Fall semester consists of marching band, pep band, and concert band rehearsals. The spring semester involves concert band, pep band, solos and ensembles, and marching in the late spring. Students are required to take chair tests, participate in solo and ensemble contest, attend all concerts, and play for sporting events. There is a \$40.00 fee for the rental of school instruments.

Jazz Band

Course Key: 05105A/B **State Course ID#:** 05105A

Grade Level: 9-12 **Length:** 1 year / ½ credit

Prerequisite: Must be a band student or have permission of the director

Jazz band is a half credit course. Jazz Band meets Tuesday and Thursday at 7:05-7:55 AM. It is open to any student interested in jazz music. The jazz band performs at all concerts, performs at numerous churches around the area, and plays for community events and Cabaret. The Eastland Jazz Band is an active group of dedicated students.

Morning Chorus

Course Key: 05111A/B **State Course ID#:** 05110A000

Grade Level: 9-12 **Length:** 1 year / ½ credit **Prerequisite:** None

Morning Chorus receives ½ credit for the year. Morning chorus meets Monday, Wednesday and Friday mornings at 7:05-7:55 AM. The morning chorus is for students who do not have time for chorus during the day. The chorus performs for all concerts, attends solo and ensemble contest and occasionally sings the National Anthem at sporting events. The morning chorus and chorus class are combined during Learning Lab before concerts and contests.

Chorus

Course Key: 05110A/B **State Course ID#:** 05110A000

Grade Level: 9-12 **Length:** 1 year / 1 credit **Prerequisite:** None

Chorus receives one academic credit. The chorus performs for all concerts, attends solo and ensemble contest and occasionally sings the National Anthem for sporting events. The morning chorus and chorus class are combined during Learning Lab before concerts and contests. The chorus is open to any student who wishes to sing and participate in a musical group.

FOREIGN LANGUAGE

Spanish I

Course Key: 06101A/B **State Course ID#:** 06101A000

Grade Level: 9-12 **Length:** 1 year / 1 credit **Prerequisite:** None

This course begins the process of communicating as a novice speaker. Proficiency-based instruction is aimed at using the language appropriately in real-life situations underscoring the importance of both knowledge and performance. The cultural aspect of Spanish speaking countries plays an important role as well. Students practice listening, speaking, reading, and writing Spanish as they purposefully communicate with the language.

Spanish II

Course Key: 06102A/B **State Course ID#:** 06102A000

Grade Level: 10-12 **Length:** 1 year / 1 credit **Prerequisite:** Spanish I

This course continues the natural language progression by building the communicative skills of Novice/beginning intermediate speakers. Themes, topics, situations and activities give students functional use of Spanish in real-life contexts. The ways people from different Spanish speaking countries use the language is extensively explored at this level. Skill development occurs because students have continued exposure to communicative opportunities.

Spanish III

Course Key: 06103A/B **State Course ID#:** 06103A000

Grade Level: 11-12 **Length:** 1 year / 1 credit

Prerequisite: Spanish II

This course focuses on allowing students to acquire the characteristics of a beginning intermediate speaker. Abundant and varied opportunities to develop intermediate level proficiency in listening, reading, speaking, and writing are provided. At this level, students are encouraged to expand their knowledge by utilizing different ways to debate topics. This can lead to functioning in survival situations, being creative with the language, and transferring learned material to new contexts.

Spanish IV

Course Key: 06104A/B **State Course ID#:** 06104A000

Grade Level: 12 **Length:** 1 year / 1 credit

Prerequisite: Spanish III

Since developing proficiency takes time, this course aims to reinforce and expand the communicative skills of an intermediate/advanced intermediate speaker. As students' communicative needs and abilities grow, grammar and vocabulary items are re-entered, additional applications are provided and more vocabulary and in-depth grammar explanations are added. At this level, students are required to write mini papers in Spanish and to extensively analyze readings in Spanish.

MATHEMATICS

Pre-Algebra

Course Key: 02051 **State Course ID#:** 02051A000

Grade Level: 9 **Length:** 1 year / 1 credit

This course places emphasis on increasing students' foundational math skills to prepare them for Algebra I by covering the following topics: number sense and basic operations, properties of rational numbers, ratio and proportions, estimation, exponents and radicals, graphing, formulas, decimals and percents, and solving first-degree equations.

Algebra I

Course Key: 02052A/B **State Course ID#:** 02052A000

Grade Level: 9-10 **Length:** 1 year / 1 credit

Prerequisite: Placement based on test scores and teacher /administrator recommendation

The students will study the following topics as well as problem solving and real-life application: integers and rational numbers, graphing and solving equations, solving linear inequalities, exponents and powers, polynomials and factoring, systems of equations, absolute value, rational expressions and equations, radical expressions and equations, functions and graphs, and quadratic equations.

Geometry

Course Key: 02072A/B **State Course ID#:** 02072A000

Grade Level: 10-11 **Length:** 1 year / 1 credit

Prerequisite: Algebra I

The students will study the following topics as well as problem solving, real-life application, and proofs: deductive reasoning, parallel lines and planes, congruent triangles, coordinate geometry, quadrilaterals, inequalities, similarity, right triangles, circles, constructions and locus, area, volume, and composition and symmetry.

Algebra II

Course Key: 02056A/B **State Course ID#:** 02056A000

Grade Level: 10 -11 **Length:** 1 year / 1 credit

Prerequisite: Geometry and recommendation

Students will graph linear and quadratic relations, solve two linear equations in two variables, use the four operations on polynomial expressions, factor polynomials, use zero, negative, and fractional exponents, solve equations involving radicals and/or irrational numbers, memorize and then use the quadratic formula.

Algebra II-B

Course Key: 02055A/B **State Course ID#:** 02056A000

Grade Level: 11-12 **Length:** 1 year / 1 credit

Prerequisite: Geometry and recommendation

Students will study real number systems, exponents and radicals, equations and inequalities, polynomials, factoring, rational expressions and equations, and graphing.

Math for the Trades

Course Key: 02152A/B **State Course ID#:** 02152A000

Grade Level: 12 **Length:** 1 year / 1 credit **Prerequisite:** Geometry

This course will provide practical applications for careers such as agriculture, nursing, welding, and construction work. It will cover the basics of accounting, financial planning, and making a budget. It will also enable students to go through the process of designing and building a house by applying mathematical concepts such as area, perimeter, volume, Pythagorean Theorem, unit conversion, and equations. This course is intended for students who will go directly into the workforce or plan to attend a trade school / community college after high school.

Advanced Algebra with Trigonometry

Course Key: 02057A/B **State Course ID#:** 02057A000

Grade Level: 12 **Length:** 1 year/1 credit **Prerequisite:** Algebra II and recommendation.

This course is intended for the student bound for college, tech. school, or apprenticeship. Topics include conics (equations, graphs, and translations), polynomial functions, graphs of functions, series and sequences, matrices and determinants, trigonometry, logarithms, and exponents.

Statistics & Probability

Course Key: 02201A/B **State Course ID#:** 02201A000

Grade Level: 11-12 **Length:** 1 year/1 credit **Prerequisite:** Algebra II

This is an introductory-level statistics course designed to introduce the study of likely events and the analysis, interpretations, and presentations of quantitative data. Course topics include normal distribution and measures of variability, sampling and designing experiments, probability theory, odds and probabilities, probability trees, populations and samples, and measures of central tendency.

Pre-Calculus / Trigonometry

Course Key: 02110A/B **State Course ID#:** 02011A000

Grade Level: 11-12 **Length:** 1 year / 1 credit **Prerequisite:** Algebra II and recommendation

Students will study quadratic equations, complex numbers, quadratic functions and transformations, conic sections, trigonometric functions, trigonometric identities and equations, exponential and logarithmic functions, matrices and determinants.

AP Calculus

Course Key: 02124A/B **State Course ID#:** 02124A000

Grade Level: 12 **Length:** 1 year / 1 credit **Prerequisite:** PreCalculus and recommendation

This course is equivalent to an introductory level university calculus course. Throughout this course, students will develop an understanding of the concepts of calculus and experience its methods and applications. The broad topics in the course include, but are not limited to, the following: derivatives, definite and indefinite integrals, limits, and approximations.

PHYSICAL EDUCATION AND HEALTH

Physical Education

Course Key: 08001A/B **State Course ID#:** 08001A000

Grade Level: 9-12 **Length:** 1 year / 1 credit **Prerequisite:** none

This course provides a variety of physical activities for all students. Activities included are individual sports, team sports, physical fitness, team building, and leisure time activities.. Physical Education requires that all students dress daily for class with (Eastland Physical Education: t-shirts and shorts) these can be purchased from the high school office.

Conditioning and Fitness

Course Key: 08005A/B **State Course ID#:** 08005A000

Grade Level: 9-12 **Length:** 1 year / 1 credit **Prerequisite:** none

This course is designed for students who want to run faster, jump higher, start and stop and change direction more efficiently, and resist injury. Students will learn how ground-based, compound strength training movements using free weights can result in greater athletic performance. This class will emphasize proper form and technique foremost but after students learn the movements, they will be encouraged to set personal records each time they are in the weight

room. They will be monitored for progress, educated about the importance of maintaining a certain level of fitness, and work towards developing life-long fitness skills. Students will also learn the fundamentals of training so they can create their own programs to achieve their personal fitness goals.

Health

Course Key: 08051 **State Course ID#:** 08051A000

Grade Level: 9 **Length:** 1 semester / ½ credit **Prerequisite:** none

This one semester course covers basic information in a wide variety of areas concerning a person's health. Topics include goal setting, decision making, motivation, mental health, drug education, sexuality, physical health, diseases and first aid.

SCIENCE

Physics 1st

Course Key: 03161A/B **State Course ID#:** 03161A000

Grade Level: 9-10 **Length:** 1 year/1 credit **Prerequisite:** None

This course is an introductory Physics class using a general math emphasis in solving problems dealing with motion, energy, electricity & magnetism, and heat. A modeling approach will be used to explain solutions with graphing, curve fitting, linear equations, verbal and visual presentations.

Biology I

Course Key: 03051A/B **State Course ID#:** 03051A000

Grade Level: 9-12 **Length:** 1 year / 1 credit **Prerequisite:** None

Topics covered include the scientific method, use of the microscope and basic Chemistry and its use in Biology. Cell biology is a major theme. This includes cell structure, homeostasis, photosynthesis, respiration, and the role of DNA in protein manufacture and cell division. Biology I ends with an extensive unit in Mendelian genetics.

Biology II

Course Key: 03052A/B **State Course ID#:** 03052A000

Grade Level: 10-12 **Length:** 1 year / 1 credit **Prerequisite:** Biology I

First semester is a continuation of genetics expanding on what is learned in Biology I. This also includes a unit on biotechnology in which students learn electrophoresis and analysis of human diseases. Second semester includes topics in classification, microbiology, evolution, viruses, bacteria, and protozoa.

Advanced Placement (AP) Biology

Course Key: **State Course ID#:**

Grade Level: 11-12 **Length:** 1 year / 1 credit **Prerequisite:** Chemistry I & teacher recommendation

This course is an introductory college-level biology course. Students will cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes-energy and communication, genetics, information transfer, ecology, and interactions. Students will take Advanced Placement test in May.

Human Physiology

Course Key: 03159A/B **State Course ID#:** 03053A000

Grade Level: 11-12 **Length:** 1 year / 1 credit **Prerequisite:** Biology I

This course covers the material covered by a first semester A&P course at a college or junior college. The topics of study are: Organization of the body, chemical basis of life, Cells, Tissues, Skin, Skeletal System, Articulations, Muscular System, Nervous System, Sense Organs, Blood, and Cardiovascular System. Students are in a lecture based setting for three of five week days and spend two days in lab on average. Coloring sheets are assigned to study and learn the anatomy of the body. Labs performed by the student include: Slide preparation - blood slide - cheek cell slide, Microscope use, Cow bones dissection, Gross anatomy markings on human body, Disarticulated skeletal identification, Chicken muscle dissection, Gross anatomy identification of muscles, Muscle Physiology Lab-fatigue and contraction, Dissection of sheep brain and spinal cord, Dissection of cow eye, Physiology of human eye, EKG lab. The students also have the chance to study real human cadaver organs including: heart, lungs, kidneys, brain, and bladder.

Chemistry I

Course Key: 03101A/B **State Course ID#:** 03101A000

Grade Level: 10-12 **Length:** 1 year / 1 credit

Prerequisite: Algebra I and Biology I

The course begins with the study of the structure of atoms and molecules. Properties of gases, liquids and solids are covered, as well as properties and measurements of solutions. Acids, bases and detailed study of chemical reactions complete the course.

AP Chemistry

Course Key: 03102A/B **State Course ID#:** 03102A000

Grade Level: 11-12 **Length:** 1 year / 1 credit

Prerequisite: Chemistry I & teacher recommendation

AP Chemistry is designed to help students develop their skills in logic, critical thinking, written and oral Communication, with a strong emphasis on applications of math and problem solving. The students will focus on adding greater depth of understanding to concepts such as atomic structure, bonding, and chemical equations. The students will also be introduced to concepts such as thermodynamics, electrochemistry, and equilibrium. This course meets daily, including a double period twice a week for the purpose of lab, problem sessions or testing.

Physics

Course Key: 03151A/B **State Course ID#:** 03151A000

Grade Level: 11-12 **Length:** 1 year / 1 credit

Prerequisite: Algebra II

A study of mechanics (force and motion), energy transformations, thermal effects and heat, electrostatics, direct current circuits, heating and chemical effects, and atomic and nuclear reactions. An in depth study of the above topics involves the use of modeling methods and scientific and mathematical formulas. Use of the calculator is encouraged as well as computer aided instruction. Any student considering an engineering or science oriented career should enroll in physics.

SOCIAL SCIENCE

Making of Modern History

Course Key: 04065B000 **State Course ID#:** 04065A000

Grade Level: 9-12 **Length:** 1 Year / 1 credit **Prerequisite:** None

The focus of this course is the study of the historical development of people, places, and patterns of life since the Enlightenment with a focus on the development of social structures, state-building, expansion and conflict. Second semester of this course will focus on the historical development of people, places, and patterns of life since World War II with a focus on the development of social structures, state-building, expansion and conflict. Content in this course is based on the English/Language Arts Reading for Information and Writing standards.

U.S. History (Required unless in AP US History)

Course Key: 04101A/B **State Course ID#:** 04101A000

Grade Level: 11 **Length:** 1 year / 1 credit

Prerequisite: Making of Modern History

This course studies to establish an understanding and appreciation of our nation's past and our country's development, grasp the meaning of the present by its relation to the past, and act as a guide to aid the establishment of wise citizenship.

Advanced Placement (AP) US History

Course Key: 04102A/B **State Course ID#:** 04104A000

Grade Level: 11 **Length:** 1 year / 1 credit

Prerequisite: US History recommended

This course will focus on developing students' abilities to think conceptually about U.S. History from approximately 1491 to the present and apply historical thinking skills as they learn about the past. Students will use historical inquiry for investigation throughout the course. Students will learn how to reason historically about continuity and change over time and make comparisons among various historical developments in different times and places. Students will take the Advanced Placement exam in May.

World Contemporary Issues

Course Key: 04064 **State Course ID#:** 04064A000

Grade Level: 11-12 **Length:** 1 semester / ½ credit **Prerequisite:** None

Contemporary World Issues will provide the student with a better understanding of local, county, state, and national and international happenings. This course will investigate world issues through classroom debates, discussions, current events, and research projects. This course will help students to understand the complexity of the world around them, while trying to discover ways to improve or correct these issues that affect not only the student, but also the entire world around them.

Civics (Required)

Course Key: 04161 **State Course ID#:** 04161A000

Grade Level: 12 **Length:** 1 Semester / ½ credit **Prerequisite:** None

This course studies the basic principles, structure, and operation of national, state, and local government. It also discusses participation in the political system, policy making, and contrasting economic and political systems. The State of Illinois and Eastland Board of Education requires a student to pass a test or tests on the Illinois Constitution and the U.S. Constitution in order to meet graduation requirements. Successful completion of tests covering the U.S. and Illinois Constitutions with a grade of C or better will meet the graduation requirement.

Sociology

Course Key: 04258 **State Course ID#:** 04258A000

Grade Level: 11-12 **Length:** 1 Semester / ½ credit **Prerequisite:** None

Introduce students to the study of human behavior in society. This course will provide an overview of sociology, generally including (but not limited to) topics such as social institutions and norms, socialization and social change, and the relationships among individuals and groups in society.

Cultural Geography

Course Key: 04002B **State Course ID#:** 04002A000

Grade Level: 10-12 **Length:** 1 year / 1 credit **Prerequisite:** None

During Cultural Geography, students will examine physical, political, cultural, and economical aspects of our world. Students will explore the influence of physical geography on events, both past and present, and how physical geography has shaped political, cultural, and economic geography. Students will also learn basic geography skills and how to interpret data. Primary and secondary source materials will be used, i.e. maps, photographs, graphs, and diagrams. Students will also use problem-solving and decision-making skills to answer geographic questions.

DRIVER EDUCATION

Driver Education

Course Key: 08152A/B **State Course ID#:** 08152A000

Grade Level: 9-12 **Length:** summer course / no credit

Prerequisite: *Per State Law:* students enrolling in Driver Education must be passing eight semester classes within the two most recent semesters of attendance. Only classes used to determine a student's GPA will be allowed to meet this requirement.

Description: Successful completion of this course, or a similar one, is mandatory for any student desiring to obtain their driving license before their eighteenth birthday. The course follows state guidelines that require 30 hours of classroom instruction along with 6 hours of behind-the-wheel instruction and 6 hours behind-the-wheel observation, in addition to 50 hours of driving with a parent or guardian. Information covered includes Illinois traffic law, mechanical aspects of an automobile, the safe handling and maneuvering of an automobile, and safety awareness, including hazard evasion, in an automobile. Students cannot miss class more than two times. A \$50.00 participation fee is required from every student.

Whiteside Area Career Center Course Descriptions

Any student wishing to enroll at WACC must be registered at one of the sixteen member high schools.

Prerequisites: Several WACC courses list prerequisites that students must meet in order to enroll in the program.

Recommended Student Criteria: All WACC programs have required lab work that is a critical component of student learning and student assessment. A school wishing to enroll a student who does not meet the recommended criteria for a WACC program must participate in a scheduled meeting with WACC staff to discuss student accommodations prior to the student's enrollment.

Allied Health

One-year program offered to junior and senior students that are interested in pursuing a career in various medical fields. First semester, students are in the classroom three days per week and at clinical sites two days per week. Students participate in up to three clinical sites throughout the school year. Clinical sites include, but are not limited to, hospitals, clinics, long-term care facilities, chiropractors, veterinary clinics, physical therapists, etc. Students can practice in different areas of the medical field, such as Maternal-Child Nursing, Geriatrics, Emergency Nursing, Radiology, Dental Medicine, Veterinary Science, and more. Second Semester, students will take a Phlebotomy Certification course. Students would complete the clinical portion of this class in a health care lab setting.

3 Dual Credits with SVCC: Medical Terminology (NRS116), Potential Phlebotomy Certification

Prerequisites: Students will be required to participate in an internship two days per week first semester. Therefore, a student who enrolls in Allied Health that is not a C.N.A. must be able to transport him or herself to internship sites. Students must have updated immunizations, including a flu shot and TB test, and adhere to all clinical site requirements relative to COVID mitigation, to include proof of COVID vaccination as required.

Automotive Technology

One or two-year program offered to junior and senior students. First year students will be building basic repair skills such as lubrication, brakes, engine tune up, suspension, fuel injection, computer controls, electrical systems, exhaust systems, and cooling. Second year students will learn differential operation, transmissions and clutches, engine diagnostics, heating and cooling systems, and qualifying students can participate in work-based learning at various job sites in order to gain real world work experiences while going to school.

Prerequisites: Students who enroll in Automotive Technology II will either participate in an internship two to three days per week, or will perform an internship at WACC in the WACC Automotive shop that will require working on customers' vehicles. Any student enrolled in Automotive Technology II must have a valid Illinois Driver's license.

Recommended Student Criteria: Students enrolled in Automotive Technology will be required to work in an automotive shop approximately 70% of the time while at WACC. Students should be able to lift both arms above his or her head, lift 40 pounds, and be able to lower him or herself to the ground to work under a vehicle.

Building & Construction Trades

One- or two-year program offered to junior and senior students. This course provides experiences related to the construction and maintenance of residential and/or commercial buildings and related fixtures. During the year, students will spend 85% of their time at a job site constructing or remodeling a residential house or commercial building. The other 15% of the time students will be in the classroom. Instruction will include safety principles, framing, plumbing, wiring, roofing, installing insulation, dry wall, pouring concrete, landscaping, estimating materials, blueprint reading, hanging cabinets, siding, hanging doors, heating and air conditioning, masonry, and finish work. Second year students are provided the opportunity to advance their skills in the construction trades.

Recommended Student Criteria: Students enrolled in Building Trades will be involved in constructing or remodeling a house, and will perform work at the job site approximately 85% of the time while at WACC. Students should be able to climb an eight-foot step ladder, stand for an hour and thirty minutes, and have the strength and mobility to operate various power tools, such as nail guns, power saws, power drills, etc. Students will be working in

cold weather and will need to have work boots and appropriate clothing.

CEO (Creating Entrepreneurial Opportunities)

One-year course offered to juniors and seniors. It covers a wide range of business topics, such as innovative thinking strategies, product development, competitive advantages, business structure, marketing, financial strategies, record keeping, financial statements, business plan writing. Entrepreneurial thinking (out-of-the box problem solving) is utilized throughout the course. 21st Century Workforce Skills, creative and critical thinking, collaboration, and communication are emphasized throughout the year. Students experience networking and business development firsthand. This course will take place in area businesses, and includes approximately 45 tours of local industry and 50 guest speakers from all areas of business.

3 Dual Credits with SVCC: BUS 260 Entrepreneurship Principles

Prerequisites: All students interested in enrolling in the WACC CEO class must complete an application available through his/her school counselor. Students will be selected by the CEO Advisory Board. Students who are selected to enroll in the CEO class must provide his or her own transportation to and from the various class meeting sites.

Computer Technology

One- or two-year program open to juniors and seniors who want to work with repair, networking, configuring operating systems, programming, Microsoft software, and application development. Qualified students will acquire the skills to potentially pass the TestOut and Linux+ certifications. All first year students will start with the CIS 167 core class. In addition, the course introduces students to the formal concepts of object-oriented programming including program design, control structures, data structures and algorithms using JavaScript and other programming languages. JavaScript may also be taken as a semester long dual credit course for 3 credits.

12 Dual Credits with SVCC possible: CIS 167-A+ Certification, CIS 151-Networking Certification, CIS 250-Beginning Linux, CIS 197-Security + Certification (3 credits per course)

Recommended Student Criteria: Students enrolled in Computer Technology will be required to stand, stoop, kneel, crouch and reach while performing typical computer repair work; have hand-eye coordination; handle or feel objects, tools or controls; lift and/or move objects and materials of up to 50 pounds in weight.

Cosmetology

One-year program available to juniors and seniors. Students will explore several aspects of cosmetology. The curriculum includes but is not limited to: theory and practice hours in hair, nails, skin, business basics and effective communication. This course takes place at Educators of Beauty. After completing this program, students will be considered for financial incentives that are available for students who chose to return to Educators of Beauty for their 12-month program following high school graduation.

Criminal Justice

One-year program designed to train students in various aspects of law enforcement, criminal justice, and the legal system. Students will receive instruction in skills needed for careers in associated fields; e.g. police officers, prosecuting and defense attorneys, probation and parole officers, crime scene investigators, correctional officers, etc. Major objectives of the program include: history of law enforcement, constitutional law, Illinois law, courts and the legal system, communication and dispatch operations, report writing and records, criminal investigations, search and seizure, community relations, patrol functions, traffic investigations, corrections, private security operations, criminology, and other related areas. Role play scenarios are used to enhance the student's learning experiences and provide an introduction to practical experiences which might be expected in the field.

Recommended Student Criteria: Students enrolled in the Criminal Justice program will participate in active, police scenarios. These scenarios include, but are not limited to the following physical activity; dragging a 150-pound person 10 feet, firing air guns, combat drills, and restraining potential suspects. Students should be able to pick up and carry objects weighing 25 pounds.

Culinary Arts

One- or two-year program open to juniors and seniors. Students explore Culinary Arts, preparing food for a large number of consumers, and catering. Occupational skills taught include care and use of commercial equipment, food preparation, customer service, management, and nutrition. Students in this program will receive weekly hands-on experience in the WACC commercial kitchen and provide food services for the public. Food Service Sanitation Management Certification will be given to 2nd year students.

4 Dual Credits with Kishwaukee College: Intro to Hospitality HOS 103 (3 credits); Safeserve Manager Cert. HOS 113 (1 credit)

Recommended Student Criteria: Students enrolled in Culinary Arts will be required to work in a commercial kitchen approximately 70% of the time. Students should be able to stand for an hour and forty-five minutes, lift 20 pounds, and have the ability to safely work around hot items, such as stoves, ovens and deep-fryers.

Digital Media Arts

One- or two-year program offered to juniors and seniors. The classes are for visual and creative thinkers as well as computer geeks interested in cutting edge digital and media arts. The program offers the latest trends, techniques and technologies in the ever-evolving multimedia field. The wide variety of the curriculum provides opportunities to build skills for future success in careers as an illustrator, desktop publisher, photographer, graphic artist, digital video editor, studio staging director, film maker, computer animator, sound engineer, camera operator, web designer or other positions in the exciting and growing recording, entertainment and digital media arts and communications field. Students work at their own pace and get “hands-on” experience using state-of-the-art software, cameras, lighting, special effects, sound and broadcasting equipment. All classes begin each fall and spring semester and students take two classes per semester. Students completing a selection of eight classes (the equivalent of two years at WACC), will receive the Level I Certificate in Graphic Design from Sauk Valley Community College. Students not able to complete the certificate requirements while attending WACC are invited to enroll at Sauk Valley Community College after high school to finish the certificate requirements if they so choose. Qualifying WACC students may earn up to 18 college credits taking the Digital Media Arts class.

18 Dual Credits possible with SVCC: ART 100-Media Arts, ART 103-Digital Photography, ART 105-Motion Graphics, ART 107-Digital Drawing, ART 236-Film and Video, ART 238-Interactive Media Design (3 credits per course)

Early Childhood Education

One- or two-year program offered to junior and senior students. This course is designed to provide students interested in the development of children and a career involving children with a basic knowledge and understanding of children and their physical, mental, and emotional development. Broad areas of emphasis include: development of the child from conception through preschool age, the changes that take place in a mother's body, the family and its role, nutritional and emotional needs of the children, the role of parents, educational and creative activities for children, childhood illnesses, learning disabilities, and the exploration of human services and education-related careers. First year students will work on a weekly basis with children at our on-site laboratory called “Kiddie Kampus Preschool”. Second year students will work with a cooperating teacher at a work-based learning site for three days a week throughout the school year. This work-based learning site could be a daycare center, home day care, preschool program, elementary school, or a location specific to a students' career interest. (i.e.: special education, speech teacher, reading specialist, social worker, child life specialist)

Students may earn a Level 1 Gateways Certificate upon successful completion of the course.

1 Dual Credits available with SVCC for 2nd year students – EDU105-Clinical Experience in Elementary Education

Recommended Student Criteria: Students enrolled in Early Childhood Education will be required to work in the WACC preschool with young children ages three to five years old. Students should be able to sit on the floor with the preschool children, have the dexterity to perform crafts with the children, and have the strength to restrain a child if needed for the child's safety. (For example, prevent a child from running out the door.) Students should not have a history of violent behavior. Students should have the maturity and aptitude to work with young children. For example, a student who could not be recommended for a babysitting job should not be recommended for Early Childhood Education.

Health Occupations-CNA

One-year program offered to junior and senior students that are interested in pursuing a career in the medical field. Upon completion of the Illinois Department of Public Health (IDPH) requirements, the students will be eligible to take the State Certified Nursing Assistant exam at the end of the school year. The students must meet the following criteria to be successful in Health Occupations: 1) Achieve a C or better each quarter throughout the year on the coursework, 2) Be competent at the 21 skills in the laboratory and at the clinical site, 3) Have excellent attendance throughout the school year, and 4) Pass the criminal background check. Students must have an outstanding work ethic, be self-motivated, and take initiative to be successful in Health Occupations. This is a state regulated program that requires students to spend 80 hours of theory and 40 hours of clinical time working with patients. **8 Dual Credits with SVCC: NRS101-Basic Nursing Assistant, NRS103-Advanced Nursing Assistant (4 credits per class)**

Prerequisites: The Health Occupations program prepares students to become a Certified Nursing Assistant. Students must have updated immunizations including a flu shot and TB test, and **adhere to all clinical site requirements relative to COVID mitigation, to include proof of COVID vaccination as required.** Student must be able to lift 50 pounds as it is a state mandated CNA skill to perform a two person lift on residents who are 119 pounds or less.

Welding, Machining and Manufacturing Technology

One- or two-year program offered to junior and senior students. Welding, machining, and CAD principles will be taught through hands-on experiences. Topics include:

- Welding processes - (Stick, Oxyacetylene, Mig, Tig, Plasma cutting, and OAW cutting),
- Machine operations – (Lathes, Mills, Grinders, Shear, Pipe cutters, etc.)
- AutoCAD - Computer aided drafting program
- Blueprint reading

The second year will provide the students with the opportunity to obtain advanced training on components of welding and metal fabrication.

- Welding processes – (Structural welds, Pipe welds, Flux cored welding)
- Machine operations – (CNC and manual Machining)
- Inventor - Computer aided drafting program
- Product design and development
- Internship at manufacturing site

10 Dual Credits with SVCC: IND 106-Intro to Welding, IND 108-Intro to CAD, IND125-Machining and Manufacturing Processes, IND203-Advanced Machining and Manufacturing Processes (2 credits each for IND 106 and IND 108; 3 credits each for IND 125 and IND 203)

Recommended Student Criteria: Students enrolled in Welding and Manufacturing Technology will be required to work in a machine/welding shop approximately 75% of the time while at WACC. Students must be able to work in the confines of a welding booth (3'x 4'), have the ability to lift 40 pounds, must be able to stand for an hour and forty-five minutes, and must have the strength and mobility to operate machines such as lathes, grinders, and welding torches.

Prerequisites: Welding 2 students will be required to participate in an internship four days per week during second semester. Therefore, students that enroll in Welding 2 must be able to transport him or herself to various internship sites.

FOUR YEAR PLAN

This is for the student and parent to use as a reference when selecting courses to prepare for future plans. *Not all classes will be available to every student each year.*

Career Goal: _____

Career Cluster: _____

Ninth Grade

First Semester

Second Semester

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

Total Credits _____

Tenth Grade

First Semester

Second Semester

- _____
- _____
- _____
- _____
- _____
- _____
- _____
- _____

Total Credits _____

Eleventh Grade

First Semester

Second Semester

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

Total Credits _____

Twelfth Grade

First Semester

Second Semester

- _____
- _____
- _____
- _____
- _____
- _____
- _____
- _____

Total Credits _____

6th - 8th GRADE PROMOTION AND RETENTION

In order to be promoted to the next grade level, students must demonstrate minimum proficiency with grade level standards. Any subject that meets daily for the school year will count as a subject failed if their final grade is 2.4 or lower. This includes Reading Literature, Language, Math, Science, and Reading in the Social Studies. Two failed subjects in a year will result in summer school placement and possible retention. One failed subject will result in an end of the year student assistance meeting and one or more of the following; summer school, dedicated RtI plan for the following year based on the deficient standard(s), or credit recovery course. A student may be retained if the same subject is failed in the subsequent year. If a student is not demonstrating minimum proficiency of grade level standards the following steps will be taken.

1. At the end of the first semester, students who show potential need for retention will be identified to the principal by the teacher. A pre-retention letter will be sent home.
2. Parents will be contacted for a conference with the teacher and principal. At this meeting the following will be discussed:
 - a. The student's demonstrated social and emotional maturity,
 - b. The student's standards-based grades to date,
 - c. Goals for growth for the second semester.
3. During the fourth quarter parents will again be contacted for conferencing as in step 2, if retention is recommended.
4. Parents are encouraged to contact the classroom teacher or the principal at any time with any concerns or needs.
5. The decision regarding retention or promotion shall be made by the teacher and the building principal before the end of the school term. Parents will be informed of the decision.

JUNIOR HIGH SCHEDULE

Students in 6th, 7th and 8th grade will be scheduled into eight courses and one Learning Lab period. Their core courses will consist of Literature, Language, Mathematics, Science, and Reading in the Social Studies. They will also take physical education, band or chorus (if they choose) and career exploratory courses. Course descriptions of Jr. High Classes are below:

6th Grade Reading Literature

Course Key: 6READ

State Course ID: 51046A000

Students will be reading and analyzing both fiction and non-fiction texts. Students will extend their understanding of key ideas and details by creating a summary, identifying the theme, understanding how a character changes overtime, drawing inferences from the text, and answering questions using text evidence. Students will extend their understanding of craft and structure by determining what words or phrases mean as they are used in a text, analyze the impact of specific word choice on meaning and tone, identify and explain how a particular sentence, chapter, scene, or stanza fits into the overall structure of a text, and how an author develops a point of view of the narrator or speaker in a text. Lastly, students will extend their understanding through integration of knowledge and ideas by comparing and contrasting the experiences of reading a story, drama, or poem to listening to or viewing an audio, video, or live version of the text and comparing and contrasting texts in different forms or genres based on their approaches to similar themes and topics.

6th Grade Language

Course Key: 6LANG

State Course ID: 51034A000

English Language Arts in 6th grade will focus on language and writing using the Journeys curriculum. Students will work on using correct grammar, specifically the various types of pronouns, and they will work on using the correct spelling, punctuation, and capitalization when writing. Students will work on determining the meaning of multiple-meaning words and phrases and show understanding of figurative language. Students will also create various pieces of writing including narrative stories, informative texts, and arguments to support claims with clear reasons and relevant evidence.

6th Grade Science

Course Key: 6SCI

State Course ID: 53236A000

Students in 6th grade will focus on Earth science. Overarching topics that will be discussed are weather and climate, Earth's waters, Earth's changing surface, inside Earth, and astronomy. Students will engage in interactive and hands-on activities within these topics so they can ask questions and define problems, develop and use models, conduct investigations to provide evidence, analyze and interpret data, use math to support explanations, construct explanations and design solutions, create and evaluate arguments supported by evidence, and gather, synthesize and communicate information within Earth science.

6th Grade Math

Course Key: 6MATH

State Course ID: 52036A000

In this course, students will learn about ratios and proportional relationships, the numbering system, expressions and equations, geometry, and statistical probability. This course also provides a well rounded thinking of math and gives students opportunities to use math in a real world sense and problem solving. After taking this course, students will be able to apply the information they learned from the classroom and apply the information in the real world.

6th Grade Reading in the Social Studies

Course Key: 6SS

State Course ID: 54436A000

Social Studies in 6th grade is a reading based class. Students will learn about social studies topics while gaining information from text. These topics will cover key ideas and details, craft and structure of text, and integration of knowledge and ideas about the text.

7th Grade Language

Course Key: 7LANG

State Course ID: 51035A000

The English Language Arts course works to develop students' skills in the areas of grammar use and writing. The course exposes students to a variety of writing types, writing techniques, and development of the writing process. The writing is supported with the explanation and development of proper English grammar skills at the 7th grade level.

7th Grade Literature

Course Key: 7LIT

State Course ID: 51047A000

Students will have the opportunity to read from many different genres of literature. Students will focus on performing close reads with literature based (fictional) texts including (novels, poetry, and short stories). This challenges students to read, annotate, analyze, and answer text-dependent questions for a text that is considered to be complex. Students can enjoy reading novels and learning to work together in their literature circle groups, in order to engage in higher level questioning and discussions; participate in project based groups, which will allow them to create presentations and participate in a wide range of creative activities. They will demonstrate and use their knowledge of literary elements, which will give them the ability to apply these elements to all samples of texts.

7th Grade Math

Course Key: 7MATH

State Course ID: 52037A000

7th grade math is focused on building foundations for numbers, operations, ratios, proportions, algebraic expressions and equations, and geometry. The curriculum covers the aforementioned topics as well as probability and statistics in preparation for 8th grade math.

7th Grade Physical Science

Course Key: 7SCI

State Course ID: 53237A000

Physical Science provides students the opportunity to learn about lab safety, the use of reference materials and the application of process skills. Students gain an understanding of the properties of matter, atomic theory, periodic law, energy, heat energy, forces and motion, machines and work, sound, electromagnetic waves, static electricity, electrical circuits and magnetism.

7th Grade Reading in the Social Studies

Course Key: 7SocStu

State Course ID: 54437A000

In 7th Grade Social Studies, students will develop and improve competencies as articulated in the Common Core State Standards for reading for information, grade 7. Students will become proficient in three overarching areas: (1) identifying key ideas and details; (2) analyzing the craft and structure used in the text; and (3) integrating knowledge and ideas from different texts. These skills will be used to work with four specific topics: Civics, Geography, Economics and History.

8th Grade Language

Course Key: 8LANG

State Course ID: 51036A000

Students will guide their learning through student-led discovery, in order to find information relating to many topics: grammar, conventions, creative writing, and peer assessments. Student's writing will focus on argumentative, informative, and narrative pieces of writing. Students will be involved in creating valuable lessons and activities individually and in groups; as well as, participating in peer led assessments and conferences.

8th Grade Literature

Course Key: 8LIT

State Course ID: 51048A000

Students will have the opportunity to read from many different genres of literature. They will focus on performing close reads on literature based (fictional) texts including (novels, poetry, and short stories). This challenges students to read, annotate, analyze, and answer text-dependent questions for a text that is considered to be complex. Students can enjoy reading novels and learning to work together in their literature circle groups, in order to engage in higher level questioning and discussions; participate in project based groups, which will allow them to create presentations and participate in a wide range of creative activities; and they will demonstrate and use their knowledge of literary elements, which will give them the ability to apply these elements to all samples of texts.

8th Grade Math

Course Key: 8MATH

State Course ID: 52038A000

8th grade math is focused on building foundations for numbers, operations, ratios, proportions, algebraic expressions and equations, and geometry. The curriculum covers the aforementioned topics as well as exponents, equations, statistics, and probability in preparation for high school math.

8th Grade Life Science

Course Key: 8SCI

State Course ID: 53238A000

This course is a biology survey course with an emphasis on hands-on experience, the scientific process skills, the interrelationships among living things, and life science's relationships with other sciences. Dissections will include a worm, sea star, dogfish shark, perch, sheep heart, and a frog.

8th Grade Reading in the Social Studies

Course Key: 8SocSt

State Course ID: 54438A000

In 8th Grade Social Studies, students will develop and improve competencies as articulated in the Common Core State Standards for reading for information, grade 8. Students will become proficient in three overarching areas: (1) identifying and analyzing key details in informational texts; (2) analyzing the craft and structure used in the text; and (3) integrating knowledge and ideas between different texts. Students will apply these skills to the studies of civics, geography, economics and history.

Junior High Band

Course Key: BAND

State Course ID: 55102A000

Band meets each week on Monday and Wednesday. Students are required to play an instrument or percussion. Students will develop instrumental technique while learning about music through performance. Performances include a Winter Concert and Spring Concert as well as various other performances throughout the year. Students will also participate in solo and ensemble contests, attend all concerts, and play for some sporting events. Band is a full year course but students may join midway through, with instructor permission. There is a \$40.00 fee for the rental of school instruments.

Junior High Chorus

Course Key: CHORUS

State Course ID: 55110A000

Chorus meets each week on Tuesday and Friday. Students will develop choral technique while learning about music through performance. Performances include a Winter Concert and Spring Concert as well as various other performances throughout the year. Students will also participate in solo and ensemble contest, attend all concerts, and sing for some sporting events. Chorus is a full year course but students may join mid-with instructor permission.

Junior High Physical Education

Course Key: 7PE, 8PE, 6PE

State Course ID: 58037A000, 58038A000

This course is designed for activity. Students will experience a variety of activities to promote fitness, teamwork, and education about improving individual fitness levels. Activities will include team sports, individual sports, introduction to the fitness room, and team building. All students will need to dress for class each day with Eastland physical education t-shirts and shorts that can be purchased from the Jr/Sr high school office.

CAREER EXPLORATORY COURSES

Career Exploratory Courses are taken on a 12-week basis. Students rotate through three courses each year of Jr. High.

Visual Arts I – 6th Grade

Course Key: 6ART

State Course ID: 55154A000

The Visual Arts I course is designed to develop skills in critical thinking and oral communication, while developing an appreciation for art history, styles, and techniques. Students will be introduced to computer graphics and digital arts. This course will continue to expose students to the various art related occupations.

Lego NxT Robotics – 6th Grade

Course Key: 6LEGO

State Course ID: 71009A000

This course aims to guide students in learning the basics of mechanical engineering, design, and computer programming, with an understanding of such concepts as:

- Sturdy construction
- Gear ratios
- spur, worm, and bevel gears
- motors, lamps, and sensors
- center of gravity
- levers
- algorithms and data manipulation
- programming structures- loops, forks, subroutines

More importantly, the course aims for students to learn to think like engineers- to learn to break down complex problems into simpler, solvable blocks; to model and describe what they want something to do; to see failure as an essential opportunity to learn rather than as a judgment upon their ability. The Lego Robotics system offers an opportunity for students to express themselves through a mixture of science, engineering, story-telling, and art, the type of integrative skill that will be essential in the 21st century.

Goals also include research, and writing skills; and greater confidence in presentation and public speaking. Above all, students should enjoy themselves and take real delight in all that they do; should see learning not as a chore for others but as play and exploration for its own sake. In education, curiosity and passion is paramount.

Introduction to Engineering – 6th Grade

Course Key: 6ENGNR

State Course ID: 60002A000

Students will gain a basic knowledge of what the field of engineering involves and how engineers create and solve problems using the Engineering Design Process. They will apply these problem solving skills to projects throughout this exploratory course. These projects include computer programming with electrical circuits, 2D and 3D drawing and drafting using both paper and computer technologies, and 3D printing basics.

Health – 7th Grade

Course Key: 7HLTH

State Course ID: 58051A000

7th grade health covers a wide range of topics important to junior high students. Topics include exercise and fitness, self-esteem building, handling stress, health promotion, puberty, and current health issues. A variety of strategies are used to bring to life the topics including making a fitness test, presenting a health promotion commercial, researching current health topics, and role playing.

Introduction to FACS**Course Key:** 7FACS**State Course ID:** 72151A000

In the Family and Consumer Sciences exploratory course, students will be introduced to four areas: (1) careers within FACS; (2) child development and parenting; (3) textiles; and (4) foods. Students will explore career paths, identify and apply the components of growth in understanding developmental stages in young adults, learn how to use a traditional sewing machine to produce items, and demonstrate food safety and sanitation procedures while preparing foods.

Visual Arts II – 7th Grade**Course Key:** 7ART**State Course ID:** 55188A000

The Visual Arts II course is designed to develop skills in critical thinking and oral communications, while developing an appreciation for art history, styles, and techniques. Students will develop skills in computer graphics and digital arts. This course will continue to expose students to the various art related occupations.

Exploratory Agriculture- 8th Grade**Course Key:** 8AG**State Course ID:** 68001A000

Exploratory Agriculture is designed to have students focus on areas of agriculture and careers related to local, state and national career needs. This exploration course provides an opportunity to learn fundamental concepts in agriculture to serve as a foundation for future courses and to inform students about the industry that is so vital to society and to their future. Major units of instruction include an introduction to the agricultural industry, plant science, animal science, natural resources. Participation in FFA student organization activities is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

Business and Finance Basics – 8th Grade**Course Key:** 8FNANC**State Course ID:** 62001A000

This exploratory course will introduce students to both personal finance skills and some business basics. They will learn the fundamental skills of saving and managing their money with banking basics, plus gain an understanding of properly using credit. They will also research business related careers and become an entrepreneur during a “Shark Tank” project.

Personal & Community Development- 8th Grade**Course Key:** 8PERS**State Course ID:** 72209A000

Students within the Personal and Community Development exploratory course will explore competencies within personal and community development as well as media literacy.

In terms of personal development, students will learn and apply strategies for dealing with stress, resilience, motivation and self-efficacy. In addition, students will analyze and apply different organizational study habits to help them become more successful in their academic and personal lives. As for community development, students will learn how to effectively, efficiently, and respectfully communicate with peers and adults. Students will also identify and explain ideas associated with human-rights, social justice, diversity and cultural competencies. Lastly, students will learn and apply the skills necessary to maintain a safe, healthy, and appropriate digital presence.