

2023-2024

CURRICULUM GUIDE



CHARLESTON
HIGH SCHOOL

Course Descriptions

All students are provided equal opportunities in all education programs and for all services. No person shall be discriminated against based on race, color, creed, national origin, gender, sexual orientation, age, ancestry, marital status, citizenship status or mental or physical disability in any of its programs, activities, services, or benefits. All students are guaranteed equal access to educational and extracurricular activities as required by Illinois PA 79-597 and Title IX of the 1973 Educational Amendments.

ADMINISTRATION	STUDENT SERVICES
<ul style="list-style-type: none"> • Aaron Lock, Principal • Jim Wood, Assistant Principal • Kori Brimner, Dean of Students 	<ul style="list-style-type: none"> • Beth Nelson, Counselor; 639-5013 • Allison Meeker, Counselor; 639-5014 • Terrika Marucco, Secretary; 639-5020

Educational Planning

Educational planning is a continuous process. Guidance personnel, teachers, and administrators can help students and parents in planning the educational and vocational future of the students as well as discuss and solve personal problems of adjustment to school and community life. The purpose of the Curriculum Guide is to provide a source of information to facilitate student and parent understanding of the Charleston High School curriculum and registration/scheduling process.

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Curriculum

Charleston High School offers a rich curriculum for all students. From those courses designed specifically to challenge the most academically abled students to those designed to assist the most challenged learners, the needs of most students can be met by selecting courses wisely.

The requirements for high school graduation are outlined below. Passing these courses is a requirement to earn a Charleston High School diploma. In addition, students must pass the Constitution tests. The only students who are exempt from these requirements are students with IEPs whose educational plans determined by case conference teams govern their individual education. For students wishing to pursue admission to a public university in Illinois, please see the Illinois Board of Higher Education College Requirements listed on the next page.

Elective courses are important parts of a student's high school experience. These courses allow students to study in areas of particular interest, to prepare for college study and to prepare for life following high school. Because high school for most students consists of eight semesters with seven or eight courses per semester, it is very important to work with parents/guardians and counselors to make sure each student makes course requests that reflect individual desires and goals.

Graduation Requirements: 24 credits are needed for graduation

- Seven classes per semester is the norm, but students may elect to take seven or eight classes.
- One half credit is awarded for the successful completion of a course, which is scheduled to meet for the equivalent of one 80-minute period every other day for a semester.
 - Total time is equivalent to 200 minutes per week (18 weeks)

Courses

All students who plan to graduate and receive a diploma must take and pass the subjects listed below. These required courses form the foundation for a well-rounded education and constitute approximately half the classes that a student will take; the other half (termed electives) may be chosen according to the student's needs and interests.

English: 4 credits

- 09 – English I or Honors English I
- 10 – English II or Honors English II
- 11 – English III or Honors English III
- 12 – Senior Level English

Mathematics: 3 credits

- 09 – Algebra I /Geometry/ Honors Geometry / Geometry in Construction
- 10 – Geometry / Honors Geometry / Geometry in Construction / Algebra II / Honors Algebra II
- 11 – Technical Math/Algebra II/Honors Algebra II/Trigonometry / Pre-Calculus / DC Statistics / Finite / DC Algebra w/Trig

Social Studies: 2 credits

- 10 – Civics (includes passing the Constitution tests) and Modern European History
- 11 – American History

Science: 2 credits

- 09 – Biology I
- 10, 11 or 12 – a physical science (Physical Science, Chemistry or Physics)

Health, Physical Education, Driver Education: 4 credits

- 09 – Physical Education
- 10 – Driver Education, Health Education, Physical Education
- 11 – Physical Education, Advanced Weightlifting/Conditioning
- 12 – Physical Education, Advanced Weightlifting/Conditioning

Consumer Education: 0.5 credit

- 12 – Consumer Education

Exempt if enrolled in one of the following:

- 10, 11, 12 –Entrepreneurship or DC Intro to Business
- 11, 12 – DC Regional Entrepreneurship ClassE
- 12 – Personal Finance, Interrelated Cooperative Education

Other Required Subjects: 1 credit

Art, Music, World Language, or Vocational Education (*includes Business/Technology, Agriculture, Industrial Technology, Family & Consumer Sciences, Health Occupations.*)

Other graduation requirements:

Take the SAT test and complete the FAFSA (Free Application for Federal Student Aid)

Illinois Board of Higher Education College Admission Requirements

- English: 4 years (emphasizing Written and Oral Communications and Literature)
- Mathematics: 3 years (Algebra, Advanced Algebra, Geometry, Trigonometry)
- Social Studies: 3 years (emphasizing History and Government)
- Laboratory Science: 3 years
- Electives in World Language, Music, or Art – College specific
- Meet minimum class rank and ACT/SAT requirements as established by the university

Course Weight and Grade Point Average (G.P.A)

All courses have a weight of 1.0. A student's G.P.A. is one of the criteria for college entrance. Employers may also use the G.P.A. for job placement.

***The student's GPA is first calculated for all his/her classes without any weighting applied.**

5.0 Grading Scale				
Letter Grade	A	B	C	D
Point Value	5	4	3	2

No point values are earned for the following letter grades: "P", "F", "S", "U", "WP", "WF"

Twenty-four (24) units of credit are required for graduation. A unit is defined as successfully completing a two-semester course, so a one-semester course is worth 0.5 units of credit.

*Example: Point Value * Credit Earned = GPA points*

Course	Semester 1 Grade	Point Value	Semester 1 Credit Earned	Semester 1 GPA Points	13.5 GPA points ÷ 3 credits = 4.5 GPA for Semester 1
English	A	5	0.5	2.5	
Math	A	5	0.5	2.5	
Science	B	4	0.5	2.0	
Social Studies	B	4	0.5	2.0	
PE	B	4	0.5	2.0	
Elective	A	5	0.5	2.5	
Total Credits Earned for Semester 1			3.0	13.5	

The following courses have an additional weight of 0.1:

Honors English I, II, III	Honors Geometry Honors Algebra II	Chemistry Physics	Spanish IV French IV
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The following courses have an additional weight of 0.25:

DC Composition I DC Introduction to Literature	Trigonometry Pre-Calculus DC Algebra w/Trig DC Calculus DC Statistics	DC Intro to Business DC Business Communications	AP European History AP U.S. History	AP Physics AP Biology AP Chemistry
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Each student's weighted GPA will be recorded on the student's transcript.

The recorded class rank will be based on weighted GPA.

***The total additional grade points earned from weighted courses will then be divided by 24 and added to the non-weighted GPA, yielding the weighted GPA.**

Points for One Semester of a Course with an Additional Weight of 0.1:				
Letter Grade	A	B	C	D
Point Value * Weight * Sem 1 Credit	$5 \cdot 0.1 \cdot 0.5 = \mathbf{0.25}$	$4 \cdot 0.1 \cdot 0.5 = \mathbf{0.2}$	$3 \cdot 0.1 \cdot 0.5 = \mathbf{0.15}$	$2 \cdot 0.1 \cdot 0.5 = \mathbf{0.1}$
÷ 24	$0.25 \div 24 = \mathbf{.0104}$	$0.2 \div 24 = \mathbf{0.0083}$	$0.15 \div 24 = \mathbf{0.0063}$	$0.1 \div 24 = \mathbf{0.0042}$

Points for One Semester of a Course with an Additional Weight of 0.25:				
Letter Grade	A	B	C	D
Point Value * Weight * Sem 1 Credit	$5 * 0.25 * .5 = \mathbf{0.625}$	$4 * 0.25 * 0.5 = \mathbf{0.5}$	$3 * 0.25 * 0.5 = \mathbf{0.375}$	$2 * 0.25 * 0.5 = \mathbf{0.25}$
÷ 24	$0.625 \div 24 = \mathbf{.0260}$	$0.5 \div 24 = \mathbf{0.0208}$	$0.375 \div 24 = \mathbf{0.0156}$	$0.25 \div 24 = \mathbf{0.0104}$

Example: If a student took one Honors course and one AP course and received an A in both courses for Semester 1, the total additional grade points earned from weighted courses will then be divided by 24 and added to the non-weighted GPA, yielding the weighted GPA.

	Grade	Additional Points
Honors Class weighted 1.1	A	0.250
AP Class weighted 1.25	A	0.625
Total Additional Points		0.875
Additional Points 0.875 ÷ 24 = 0.03645 added to student's non-weighted GPA		

Dual Credit Courses

Charleston High School offers dual credit in conjunction with Lake Land College whereby eligible students may earn high school and college credit for select courses. The following criteria must be met to receive LLC credit while enrolled in those courses designated as dual credit (DC) at Charleston High School:

1. Be a current junior or senior
2. Have a "C" high school grade point average (GPA)
3. Maintain a "C" in all dual credit courses taken
4. Accuplacer, ACT or SAT score requirements must be met to receive LLC credit for Dual Credit English and Math courses.
5. LLC collects a textbook rental fee for all dual credit courses. Additional information about dual credit courses is available from the Charleston High School Guidance Department.

Schedule Changes/Dropping a Class

Students must be enrolled in eight periods of CHS classes, either seven credit classes and one study hall or eight credit classes.

Students are not permitted to have more than one study hall per semester unless approved by the administration.

Students should request schedule changes prior to the first day of school.

The deadline for dropping a class is mid-term of the semester (the end of the 1st and 3rd quarters). The grade of "WP" or "WF" will show on the report card and transcript for any class dropped after that time. Students will not be permitted to drop classes after mid-term of the semester without administrator approval.

Graduation Ceremony

A student may participate in the graduation ceremony only if all graduation requirements established by the State of Illinois, the Charleston Community Unit District #1 Board of Education, and Charleston High School have been met. The principal will meet with all seniors to discuss dates and times for graduation practice and any other information necessary for the graduation ceremony. It is the responsibility of the student to attend this meeting.

Early Graduation Option

Students must complete an Early Graduation Form. Application for early graduation must be made by a student no later than the end of the first week of the student's senior year. All requirements for graduation as established by the Board of Education must be met before early graduation will be approved. Upon approval, the physical education requirement will be adjusted accordingly. If the early graduation is approved, the student is given his or her diploma at the next annual graduation ceremony following the completion of all requirements.

The early graduation option should be chosen only after much thought and deliberation by parents and students. Forms must be completed by the student and signed by the student's parent. Permission for early graduation may be granted a student by the Board of Education upon the recommendation of the Superintendent.

Charleston High School recommends all students attend eight semesters of high school. This gives students an opportunity to acquire skills, concepts, and understanding of various subject disciplines and enables them to mature socially, emotionally, and mentally. For many students it is the last opportunity to prepare for the world of work or a post-high school education and to be contributing members of their future communities.

Course Listings by Department

Note: () indicate course is one semester long; indented courses occur second semester

* weighted course

additional meeting periods and credits earned

Course Listings: ENGLISH

Course Number	Course Title	# Sem.	Grade Level				Credits
003A-004B	English I	2	09				1
003AL-004AL	Academic Literacy	2	09				1
003H-004H	Honors English I*	2	09				1
013A-014B	English II	2		10			1
013H-014H	Honors English II*	2		10			1
023A-024B	English III	2			11		1
023H-024H	Honors English III*	2			11		1
033A-034B	English IV	2				12	1
(039)	Composition Skills	1				12	0.5
(041DC)	DC Composition*	1				12	0.5
(042DC)	DC English Literature*	1				12	0.5
015-016	Journalism/Broadcasting	2	09	10	11	12	1

Go to [ENGLISH DEPARTMENT](#) (page 11)

Course Listings: MATHEMATICS

Course Number	Course Title	# Sem.	Grade Level				Credits
105-106	Algebra I	2	09				1
107-108	Geometry	2	09	10			1
107H-108H	Honors Geometry*	2	09	10			1
107GC-108GC	Geometry in Construction	2	09	10			1
113-114	Algebra II	2		10	11	12	1
113H-114H	Honors Algebra II*	2		10	11	12	1
117-118	High School Transitional Math QLS	2				12	1
119-120	Technical Math	2			11	12	1
(121)	Trigonometry*	1			11	12	0.5
(122PC)	Pre-Calculus*	1			11	12	0.5
121DC-122DC	DC Algebra w/Trig*	2			11	12	1
123DC-124DC	DC Analyt. Geometry & Calculus*	2				12	1
(125DC)	DC Statistics*	1			11	12	0.5
(126)	Finite Math	1			11	12	0.5

Go to [MATH DEPARTMENT](#) (page 15)

Course Listings: SOCIAL STUDIES

Course Number	Course Title	# Sem.	Grade Level				Credits
(201)(202)	Current World Issues	1	09	10			0.5
(203)(204)	World Geography	1	09	10			0.5
(205)(206)	Civics	1		10			0.5
(209)(210)	Modern European History	1		10			0.5
209AP-210AP	AP European History*	2		10	11	12	1
(217)	American Hist/Rev to WWI	1			11		0.5
(218)	American Hist/Roaring Tw to Pres	1			11		0.5
217AP-218AP	AP US History*	2			11	12	1
(225)(226)	Junior & Senior World Issues	1			11	12	0.5
(237)(238)	Psychology	1			11	12	0.5
239-240	Sociology	2			11	12	1

Go to [SOCIAL STUDIES DEPARTMENT](#) (page 19)

Course Listings: SCIENCE

Course Number	Course Title	# Sem.	Grade Level				Credits
303-304	Biology I	2	09				1
307-308	Physical Science	2		10	11	12	1
331-332	Ecology	2		10	11	12	1
313-314	Chemistry*	2		10	11	12	1
319-320	Physics*	2		10	11	12	1
317-318	Anatomy & Physiology	2			11	12	1
303AP-304AP	AP Biology*	2			11	12	1
319AP-320AP	AP Physics*	2			11	12	1
321AP-322AP	AP Chemistry*	2			11	12	1
(329)	Astronomy & Our Planetary System	1			11	12	0.5
(330)	Stars and Cosmology	1			11	12	0.5

Go to [SCIENCE DEPARTMENT](#) (page 23)

Course Listings: WORLD LANGUAGE

Course Number	Course Title	# Sem.	Grade Level				Credits
403-404	French I	2	09	10	11	12	1
405-406	French II	2		10	11	12	1
407-408	French III	2			11	12	1
409-410	French IV*	2				12	1
423-424	Spanish I	2	09	10	11	12	1
425-426	Spanish II	2		10	11	12	1
427-428	Spanish III	2			11	12	1
429-430	Spanish IV*	2				12	1

Go to [WORLD LANGUAGES DEPARTMENT](#) (page 26)

Course Listings: BUSINESS/TECHNOLOGY

Course Number	Course Title	# Sem.	Grade Level				Credits
(510)(502)	Business Concepts	1	09	10			0.5
(503)(504)	Digital Photography	1	09	10	11	12	0.5
(507)(508)	Computer Concepts & Appl. I	1	09	10	11	12	0.5
(509)(510)	Computer Concepts & Appl. II	1	09	10	11	12	0.5
(511)(512)	Programming	1	09	10	11	12	0.5
(513)(514)	Marketing	1		10	11	12	0.5
(515)(516)	Entrepreneurship I & II	1		10	11	12	0.5
(526DC)	DC Business Communications*	1		*10	11	12	0.5
(527DC)	DC Intro to Business*	1		*10	11	12	0.5
531-532	Yearbook	2	09	10	11	12	1
(533)(537)	Accounting I & II	1		10	11	12	0.5
541-542	Interrelated Cooperative Edu. Class	2				12	1
543-544	Interrelated Cooperative Edu. Work	2				12	1
(545I)(546I)	Internship#	1			11	12	#1
(545IE)(546IE)	Internship Extended#	1			11	12	#2
(547)(548)	Consumer Education	1				12	0.5
(547PF)(548PF)	Personal Finance	1				12	0.5
597DC-598DC	DC Reg. Entrepreneurship ClassE#	2			11	12	#2

Go to [BUSINESS/TECHNOLOGY DEPARTMENT](#) (page 29)

Course Listings: AGRICULTURE

Course Number	Course Title	# Sem.	Grade Level				Credits
(551)(552)	Introduction to Ag/Intro to Tech	1	09	10	11		1
553-554	Agricultural Science	2		10	11	12	1
575-576	Horticulture Production & Mgmt.	2		10	11	12	1
577-578	Agricultural Mechanics & Tech.	2		10	11	12	1
(581)	Agri. Mechanics I - Small Engines	1		10	11	12	0.5
(584)	Advanced Agricultural Mechanics	1		10	11	12	0.5
582-583	Agricultural Mechanics - Welding	2		10	11	12	1
561-568	Supervised Agri. Experience Prgm	2	09	10	11	12	0.25

Go to [AGRICULTURE DEPARTMENT](#) (page 35)

Course Listings: INDUSTRIAL TECHNOLOGY

Course Number	Course Title	# Sem.	Grade Level				Credits
(605)(606)	Introduction to Ag/Intro to Tech	1	09	10	11		1
(625)	Beginning Drafting (CAD)	1		10	11	12	0.5
(626)	Drafting (CAD)	1		10	11	12	0.5
(607)(608)	Construction Trades	1			11	12	0.5
(609)(610)	Production Technology	1			11	12	0.5
107GC-108GC	Geometry in Construction	2	09	10			1

Go to [INDUSTRIAL TECHNOLOGY DEPARTMENT](#) (page 38)

Course Listings: LAKE LAND COLLEGE AUTOMOTIVE

Course Number	Course Title	# Sem.	Grade Level				Credits
601-602	Automotive	2			11	12	#2

Go to [LAKE LAND COLLEGE AUTOMOTIVE](#) (page 40)

Course Listings: FAMILY & CONSUMER SCIENCES

Course Number	Course Title	# Sem.	Grade Level				Credits
651-652	Foods & Nutrition	2	09	10	11	12	1
655-656	Advanced Foods & Nutrition	2		10	11	12	1
657-658	Culinary Arts I	2			11	12	1
659-660	Culinary Arts II	2				12	1
661-662	Child Development & Care	1	09	10			1
665-666	Child & Day Care Services [#]	2		10	11	12	[#] 2
(669)	Adult Living	1			11	12	0.5
(672)	Parenting	1			11	12	0.5
691DC-692DC	Health Occupations Core of Skills [#]	2			11	12	[#] 2

Go to [FAMILY & CONSUMER SCIENCES DEPARTMENT](#) (page 41)

Course Listings: MUSIC

Course Number	Course Title	# Sem.	Grade Level				Credits
701-702	CHS Band	2	09	10	11	12	1
(711)(712)	Music Appreciation	1	09	10	11	12	0.5
(715)(716)	Music Independent Study	1	09	10	11	12	0.5
(717)	Theatre Technology I	1	09	10	11	12	0.5
(718)	Theater Technology II	1	09	10	11	12	0.5
723-724	Concert Choir	2	09	10	11	12	1
725-726	Advanced Chorus	2		10	11	12	1
741-742	Advanced Chamber Ensemble	2		10	11	12	1
739-740	Jazz Band	2	09	10	11	12	1

Go to [MUSIC DEPARTMENT](#) (page 44)

Course Listings: ART

Course Number	Course Title	# Sem.	Grade Level				Credits
751D-752D	2D Art and Design	2	09	10	11	12	1
753D-754D	3D Art Sculpting and Crafts	2	09	10	11	12	1
757-758	Pottery/Advanced Pottery	2		10	11	12	1
759IA-760IA	Independent Art	2				12	1

Go to [ART DEPARTMENT](#) (page 47)

Course Listings: PHYSICAL EDUCATION, HEALTH, DRIVER EDUCATION, STUDY HALL

Course Number	Course Title	# Sem.	Grade Level				Credits
(801)(802)	Health Education	1		10			0.5
(805)(806)	Driver Education	1		10			0.5
815-816	Physical Education (FR/SO)	2	09	10			1
825-826	Physical Education (JR/SR)	2			11	12	1
837-838	Adv. Weightlifting/Conditioning	2			11	12	1
STUDY	Study Hall	1	09	10	11	12	0
(851S)(852S)	School Service (Media, Office, Teacher)	1	09	10	11	12	0

Go to [PE/HEALTH/DRIVER ED DEPARTMENT](#) (page 49)

Course Listings: LIFT

Course Number	Course Title	# Sem.	Grade Level			Credits
LIFT	LIFT	2		11	12	
<p>LIFT (Leaders Innovating for Tomorrow) is a regional innovation and technology center designed for high school students to explore possibilities, lead their learning aligned to talents and interests, and lift their future. Lift connects students with career pathways and courses focused on a combination of dual credit, certifications, industry credentials, internships, work-based experiences, and leadership in the 21st century.</p> <p>Programs of study include Childcare, Communications, Culinary Arts, HVAC/Green Energy/Robotics, Information Technology, Leadership Institute, Manufacturing/Architecture/Construction. Credits earned will be dependent on how many courses a student completes during their time at Lift. See your school counselor if you are interested in Lift. For more information, visit https://www.mattoon.k12.il.us/o/lift</p>						

Course Listings: SPECIAL EDUCATION

Course Number	Course Title	# Sem.	Grade Level			Credits
C003AL-C004AL	Reading	2	09			1
901-902	English I	2	09			1
907-908	English II	2		10		1
909-910	English III	2			11	1
911-912	English IV	2				12
C115-C116	English I	2	09			1
C117-C118	English II	2		10		1
C119-C120	English III	2			11	1
955-956	Communications (English IV)	2				12
921-922	Pre-Algebra	2	09	10	11	1
927-928	Algebra I	2	09	10	11	12
947-948	Geometry	2		10	11	12
929-930	Transition Algebra	2			11	12
C107-C108	Algebra Concepts	2	09	10	11	12
C109-C110	Geometry Concepts	2		10	11	12
C111-C112	Consumer Math	2			11	12
C113-C114	Business Math	2				12
(C130T2)	Modern European History	1		10		0.5
C139-C140	American Government (Civics)	2		10	11	12
C131T-C132T	American History	2			11	
C167T-C168T	Biology I	2	09			1
C961-C962	Physical Science	2		10	11	12
941-942	Specialized Vocational Education Class	2		10	11	12
943-944	Specialized Vocational Training Work	2		10	11	12
967-968	Independent Living Skills	2			11	12
989-990	Career Explorations	2			11	12
991-992	Functional Community Based	2	09	10	11	12
C003F-C004F	Functional English	2	09	10	11	12
C105F-C106F	Functional Math	2	09	10	11	12
C141F-C142F	Functional Social Studies	2	09	10	11	12
C961F-C962F	Functional Science	2	09	10	11	12
(C133T)(C134T)	Functional Health	1		10	11	12
(C805)(C806)	Rules of the Road for Pedestrians	1		10	11	12

Go to [IEP OPTIONS \(page 52\)](#)



ENGLISH DEPARTMENT

Four credits of English are required for graduation.
 All required courses must be taken in sequence listed by grade level.
 Honors and Dual Credit courses are weighted.

FIRST SEMESTER		SECOND SEMESTER	
English I -or- Honors English I	FRESHMAN YEAR	English I -or- Honors English I	
English II -or- Honors English II	SOPHOMORE YEAR	English II -or- Honors English II	
English III -or- Honors English III	JUNIOR YEAR	English III -or- Honors English III	
English IV -or- Composition Skills (early grads) -or- DC Composition	SENIOR YEAR	English IV -or- DC Literature	

Skills Developed

- Problem Solving: Writing for a variety of purposes
- Decision Making: Understanding various media and technology
- Critical Thinking: Becoming an effective team worker
- Interpreting Viewpoints: Developing word processing and editing skills
- Seeing Relationships: Appreciating diversity of cultures through literature
- Acquiring strong research skills, public speaking ability, and good interpersonal skills

English Careers

- | | | |
|--|---|--|
| <ul style="list-style-type: none"> • Advertising • Consulting • Communications • Financial Services • Human Resources • Lobbying Firms • Marketing Departments • Political Parties • Politician • Speech Pathologist • Newspaper Editor | <ul style="list-style-type: none"> • Journalist • Internet Provider • Publisher • Paralegal • Freelance Writer • Foreign Service • Library Technician • Playwright • Lawyer • Historian • Technical Writer | <ul style="list-style-type: none"> • Social Media Manager • Teacher • Newscaster • Military Officer • Program Director • Sportswriter • Business • Internet Providers • Translator • Advertising Agent • Author |
|--|---|--|

English I

Course Code	State Code	Grade	Length	Credit
003A-004B	01001A000	09	36 weeks	1

Prerequisite: None

This course will emphasize grammar/usage basics and the writing process. Students will read and write informative, narrative, and argumentative texts, engage in research projects, and share original presentations. Literary texts will include short stories, novels, Shakespeare’s *Romeo and Juliet*, and independent fiction selections. Other literary texts will include epic poetry, *The Odyssey*, and nonfiction texts. In addition, students will read nonfiction texts selected independently by the student or from reading lists and prepare a research project.

Academic Literacy

Course Code	State Code	Grade	Length	Credit
003AL-004AL	01067A000	09	36 weeks	1

Prerequisite: None

Enrollment in this course will be required of some entering freshmen not meeting the state standards in reading as measured by a combination of their MAP test reading scores, ISAT reading scores, course grades and teacher observation. This course is designed to help students become higher level critical readers. Individual reading levels will be diagnosed, and instruction will include decoding strategies, contextual and structural analysis, vocabulary development, reading fluency, and corresponding writing, listening, and study skills directly related to their current courses. This course does not count toward the required English graduation credits. It does count as an elective credit.

Honors English I*

Course Code	State Code	Grade	Length	Credit
003H-004H	01001A000	09	36 weeks	1

Prerequisite: None

This course emphasizes the composing process, reading comprehension, literary elements, note taking skills, vocabulary usage, and conventions of Standard English. Students will write routinely over extended time frames. This writing will include argumentative, expository, and narrative essays, as well as journal writing along with a writing portfolio. Skills in research and documentation are developed in this course in addition to speaking and listening skills. The literature in this course includes: short stories; two novels, which may include *Dandelion Wine*, *A Separate Peace*, *Silas Marner*, and *The Hobbit*; drama, Shakespeare’s classic *Romeo and Juliet*; epic poetry, Homer’s *Odyssey*; and a full-length non-fiction text. In addition to reading assigned literature in class, students will also be required to read either a fiction or non-fiction book from an approved reading list outside of class every nine weeks.

English II

Course Code	State Code	Grade	Length	Credit
013A-014B	01002A000	10	36 weeks	1

Prerequisite: None

This course emphasizes research and argumentative writing and both persuasive and informative speaking. Students will be required to research, write, and present on appropriate topics that are taken from the thematic literature units that cover all genres of literature. In addition to the thematic unit, one independent out-of-class novel will be read. Grammar studies focus on the effective use of phrases and clauses. There is a continual review of grammar concepts including heavily standardized text usage problems, such as subject/verb agreement, pronoun antecedent agreement as well as parallel structure. Extended text options include *Julius Caesar*, *Antigone*, *Anthem*, *To Kill a Mockingbird*, and *Of Mice and Men*.

Honors English II*

Course Code	State Code	Grade	Length	Credit
013H-014H	01002A000	10	36 weeks	1

Prerequisite: None

In addition to the requirements for English II, the Honors English II class works at an increased rate, as well as working on multiple texts and assignments. In-class and out-of-class assignments are assigned and completed simultaneously because of heavy reading load. Students are expected to stay organized and diligent in their own learning process. Grammar study is an intensive review of all principles of Standard English that will prepare students for college entrance exams, as well as equip them with the proper knowledge needed to write efficiently and effectively in college courses. Extended text options, in addition to the English II options, include *Death of a Salesman*, *Twelve Angry Men*, *You Can’t Take It With You*, *The Glass Menagerie*, *The Misanthrope*, *Taming of the Shrew* and *A Tale of Two Cities*.

English III

Course Code	State Code	Grade	Length	Credit
023A-024B	01003A000	11	36 weeks	1

Prerequisite: None

This course emphasizes analyzing how two or more themes develop over the course of the text. Most texts will focus on American literature, including fiction, non-fiction, and various short works. Students will write informative, narrative, and argumentative text, including multiple full-length essays. The course will also include a review of grammar and various speaking/listening assignments. Extended text options include *The Adventures of Huckleberry Finn*, *The Crucible*, *The Great Gatsby*, *A Raisin in the Sun*, and *The Red Badge of Courage*.

Honors English III*

Course Code	State Code	Grade	Length	Credit
023H-024H	01003A000	11	36 weeks	1

Prerequisite: None

This course emphasizes analyzing how two or more themes develop over the course of the text. Most texts will focus on American literature, including fiction, non-fiction, and various short works. Along with the required reading, students will also choose three novels to read independently and analyze. Each quarter will also include a variety of informal writing prompts and one lengthier formal writing. The course will also include a review of grammar, vocabulary, various speaking/listening assignments, and research. Extended text options include *The Adventures of Huckleberry Finn*, *The Grapes of Wrath*, *The Scarlet Letter*, *The Crucible*, *The Great Gatsby*, *Main Street*, *Babbitt*, *A Raisin in the Sun*, and *The Red Badge of Courage*.

English IV

Course Code	State Code	Grade	Length	Credit
033A-034B	01004A000	12	36 weeks	1

Prerequisite: None

This course will emphasize the study and analysis of literature including fiction, drama, nonfiction, and poetry with a focus on British literature in the textbook *Mirrors and Windows*; other cultures and societies will be represented in various teacher-selected texts. Extended text options include *The Canterbury Tales*, *Beowulf*, *Shakespeare's Macbeth*, and Shelley's *Frankenstein*. Students will write informative, narrative, and argumentative texts, including multiple full-length essays throughout the course. Students will think critically about multiple literary themes, complete research projects and deliver presentations. Additionally, students will review language skills to prepare for college and careers.

Composition Skills

Course Code	State Code	Grade	Length	Credit
(039)	01103A000	12	18 weeks	0.5

Prerequisite: Successful completion of English I, II, III. Student must be planning to graduate early.

This course will run concurrently with Dual Credit Composition. Students will study the writing process by reading essays that illustrate a variety of rhetorical strategies, analyzing writing tasks and texts, and writing, revising, and editing short essays. Students will complete the same skills as Dual Credit Composition students but with reduced requirements. Composition Skills does not fulfill the prerequisite for enrollment in Dual Credit Literature second semester.

Dual Credit Composition*

Course Code	State Code	Grade	Length	Credit
(041DC)	01103A000	12	18 weeks	0.5

Prerequisite: Successful completion of English I, II, and III. Students must also meet Lake Land College's criteria for enrollment (refer to [page 5](#) of Course Description booklet). Students must pay a book fee for this course. Students who complete the course successfully will receive 3 college credit hours in addition to their 0.5 high school credit.

Students will study the writing process by reading essays that illustrate a variety of rhetorical strategies, analyzing writing tasks and texts, and writing, revising, and editing short essays. This course prepares students to take the AP Language and Composition exam.

Dual Credit Literature*

Course Code	State Code	Grade	Length	Credit
(042DC)	01053A000	12	18 weeks	0.5

Prerequisite: Successful completion of English I, II, III and Dual Credit Composition. Students must also meet Lake Land College's criteria for enrollment (refer to [page 5](#) of Course Description booklet). Students must pay a book fee for this course. Students who complete the course successfully will receive 3 college credit hours in addition to their 0.5 high school credit. Students will read, examine, and discuss a variety of literary works from different genres as a way to analyze and understand the value, purpose and components of literature. This course prepares students to take the AP Language and Literature exam.

Journalism and Broadcasting

Course Code	State Code	Grade	Length	Credit
015-016	11149A000	09, 10, 11, 12	36 weeks	1

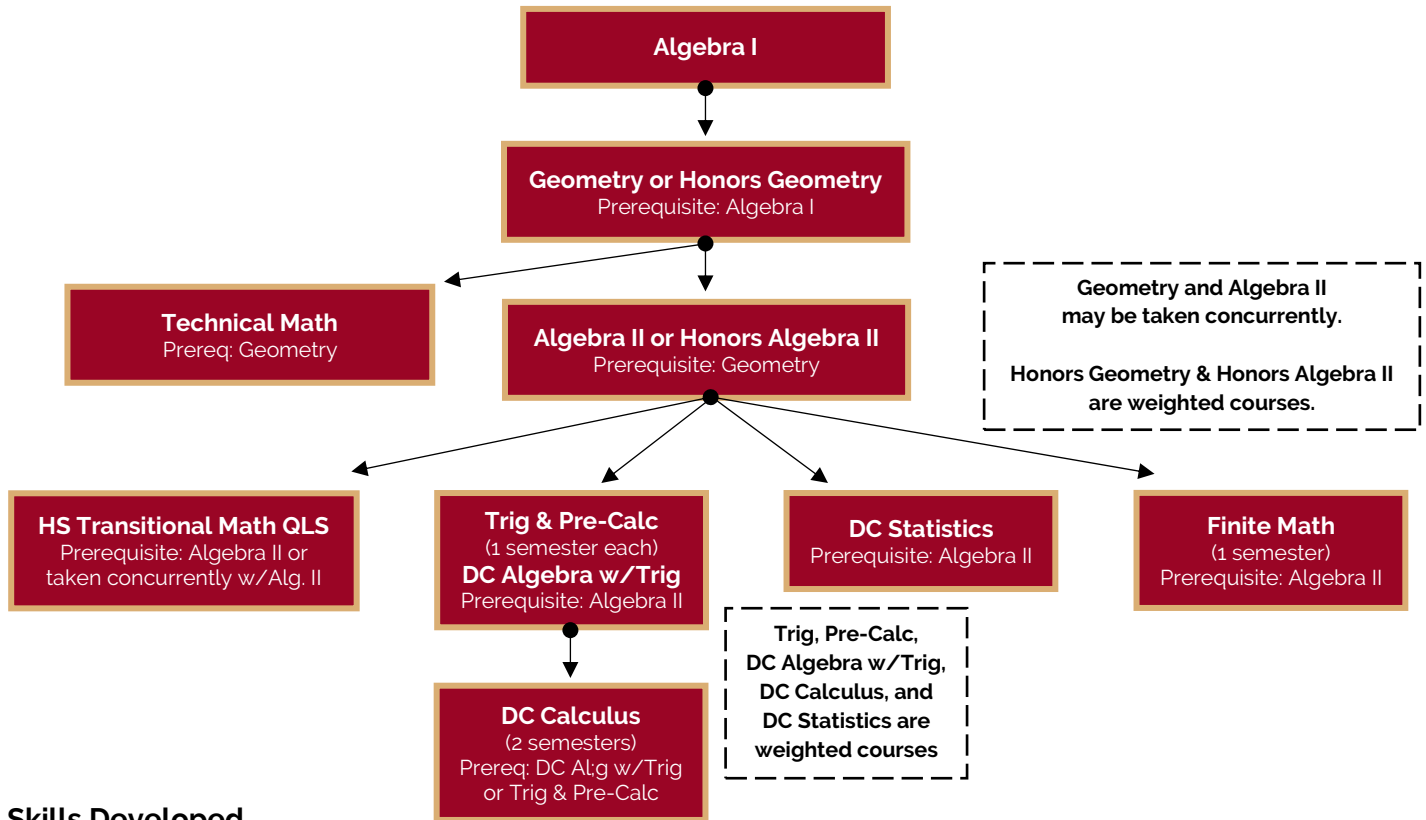
Prerequisite: None

This course will combine three media: print, social and broadcast. Students will study the basic principles of print and online journalism, as well as newsworthiness, to utilize as they learn responsible reporting and journalistic writing techniques. In addition, this course will provide students with the knowledge and skills necessary for video production. Students will conduct interviews, research, write, edit, and design for Charleston High School's various publications, including CHS Press, CHS News, broadcasting sporting events, and promoting through social media. Students may choose to focus on print or on broadcast but will be responsible for creating content for both. Course can be repeated for credit.



MATH DEPARTMENT

Three credits of Math are required for graduation, including Algebra I, Geometry and one more
 Minimum Math required for university admission: Algebra I, Geometry, Algebra II
 All classes are 2 semesters unless otherwise noted.



Skills Developed

- Problem Solving
- Logical Thinking
- Systemizing
- Critical Thinking
- Quantitative Analyzing
- Data Analyzing
- Data Interpreting
- Organizing
- Testing

Math Careers

High School Education

- Adjustment Clerk
- Bookkeeping Assistant.
- Accounting Assistant
- Statistical Assistant
- Tax Preparer
- Cashier
- Payroll Clerk
- Bank Teller

1-2 years College Education

- Assessor
- Bill Collector
- Credit Authorizer
- Tax Preparer
- Bank Teller
- Real Estate Sales Agent
- Purchasing Manager

4 years College Education

- Financial Manager
- Insurance Sales Agent
- Sales Representative
- Accountant
- Budget Analyst
- Cost Estimator
- Financial Analyst
- Loan Officer
- Financial Manager
- Personal Financial Advisor

Algebra I

Course Code	State Code	Grade	Length	Credit
105-106	02052A000	09	36 weeks	1

Prerequisite: None

This is the first course in the mathematics sequence required by the State of Illinois for graduation and college admission. Upon completion of this course, a student should have knowledge of the fundamental algebraic skills necessary to continue in higher mathematics or related technical fields. Units include number properties and theorems, linear equations and inequalities, ratio, proportions, percent, rational and irrational numbers, operations with polynomials, applications, functions, simultaneous equations, factoring, and quadratic equations.

Geometry

Course Code	State Code	Grade	Length	Credit
107-108	02072A000	09, 10	36 weeks	1

Prerequisite: Algebra I

This is the second course in the mathematics sequence required by the State of Illinois for graduation and college admission. It is offered for all students who are preparing for college or for those planning to enter technical schools. Units: various algebraic topics, points, lines, planes, and angles, deductive reasoning, parallel lines and planes, congruent triangles, quadrilaterals, inequalities, similar polygons, right triangles, circles, construction, areas and volumes, and coordinate geometry. **Honors Geometry is also accepted by the State of Illinois for high school graduation.**

Honors Geometry*

Course Code	State Code	Grade	Length	Credit
107H-108H	02072A000	09, 10	36 weeks	1

Prerequisite: None

This is the second course in the college preparatory sequence. The topics covered are the same as in Geometry with the addition of transformations, and there will be greater emphasis on higher-order thinking skills. **This course, or Geometry, is required by the State of Illinois for high school graduation.**

Geometry in Construction

Course Code	State Code	Grade	Length	Credit
107GC-108GC	17017A002	09, 10	36 weeks	1

Prerequisite: Algebra I

Geometry in Construction is a course that combines geometric and construction concepts through a combination of academic and construction applications. Geometry and Construction will be integrated through construction projects. **This mathematics course is an option for the second required course for graduation.** Students will learn concepts such as lines, planes, and angles, parallel and perpendicular lines and planes, congruent triangles, quadrilaterals, similar polygons, right triangles, circles, areas and volumes, and coordinate geometry, and will learn how to apply this knowledge in real world construction applications. **This course meets for a double period.**

Algebra II

Course Code	State Code	Grade	Length	Credit
113-114	02056A000	10, 11, 12	36 weeks	1

Prerequisite: Geometry

This is the third course in the mathematics sequence. After reviewing and maintaining the basic skills of the first-year algebra, this course examines more advanced areas. Units include sets of rational numbers, sets of real numbers, operations with polynomials, relations and functions, linear functions, second degree functions, systems of equations and inequalities, exponential and logarithmic functions, complex numbers, vectors, matrices and determinants, sequences and series, permutations, and combinations. **This course is required by the State of Illinois for graduation.**

Honors Algebra II*

Course Code	State Code	Grade	Length	Credit
113H-114H	02056A000	10, 11, 12	36 weeks	1

Prerequisite: Geometry

This course will cover the same topics as Algebra II at a brisker pace and in greater depth. Additional challenging topics will be introduced throughout the course. **This course, or Algebra II, is required by the State of Illinois for high school graduation.**

High School Transitional Math QLS

Course Code	State Code	Grade	Length	Credit
117-118	02201A001	12	36 weeks	1

Prerequisite: *Algebra II or taken concurrently with Algebra II*

This math course framework is 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 is delivered through authentic application, problem-based instruction designed to build mathematical conceptual understanding and critical thinking skills.

Technical Math

Course Code	State Code	Grade	Length	Credit
119-120	02153A000	11, 12	36 weeks	1

Prerequisite: *Geometry*

This course will offer students the fundamentals of basic arithmetic, calculator usage, algebra, geometry and right-angle trigonometry in order to prepare them for potential future careers or technical school. This course will also include ASVAB preparation.

Trigonometry and Pre-Calculus*

Course Code	State Code	Grade	Length	Credit
(121)(122PC)	02105A000 02110A000	11, 12	36 weeks	1

Prerequisite: *Algebra II (strongly recommend a grade of C or higher) or Honors Algebra II*

This course will include, but is not limited to, the study of degree and radian measure of angles and conversions, trigonometric functions, trigonometric identities, graphing, solving trigonometric equations, inverse trigonometric functions, right triangle trigonometry, application of law of sine and law of cosines and polar coordinates. The second semester will include, but is not limited to, the study of the fundamentals of numbers, functions, polynomial and rational functions, exponential and logarithmic functions, vectors, systems of equations and inequalities, complex numbers, analytical geometry including conics, sequences and series, and a preview of calculus.

Dual Credit Algebra with Trigonometry*

Course Code	State Code	Grade	Length	Credit
121DC-122DC	02103A000	11, 12	36 weeks	1

Prerequisite: *Successful completion of Algebra I, II, and Geometry; Students must also meet Lake Land College's criteria for enrollment (refer to [page 5](#) of Course Description booklet). Students must pay a book fee for this course. Students who complete the course successfully will receive 5 college credit hours in addition to their 1 high school credit.*

A unified study of the algebraic and trigonometric concepts needed for calculus. College credit is not offered for both this and College Algebra. A graphing calculator is required. Ask instructor for calculator recommendations.

Dual Credit Analytical Geometry and Calculus I*

Course Code	State Code	Grade	Length	Credit
123DC-124DC	02121A000	12	36 weeks	1

Prerequisite: *Successful completion of Algebra I, Algebra II, and a C or higher in Dual Credit Algebra with Trigonometry; A student may also meet the prerequisite by taking regular Trigonometry and meeting the required Lake Land assessment score. Students must also meet Lake Land College's criteria for enrollment (refer to [page 5](#) of Course Description booklet). Students must pay a book fee for this course. Students who complete the course successfully will receive 5 credit hours in addition to their 1 high school credit.*

Differential and integral calculus of elementary functions of one variable such as polynomial, rational, radical, trigonometric, exponential, and logarithmic functions will be covered. Applications include rates of change, optimization, curve sketching and area. A graphing calculator is required. This course prepares students to take the AP Calculus exam.

Dual Credit Statistics*

Course Code	State Code	Grade	Length	Credit
(125DC)	02201A000	11, 12	18 weeks	0.5

Prerequisite: Successful completion of Algebra I, Algebra II, and Geometry; Students must also meet Lake Land College's criteria for enrollment (refer to [page 5](#) of Course Description booklet). Students must pay a book fee for this course. Students who complete the course successfully will receive 3 college credit hours in addition to their 0.5 high school credit.

This course will offer students the fundamentals of basic arithmetic, calculator usage, algebra, geometry and right-angle trigonometry in order to prepare them for potential future careers or technical school. This course will also include ASVAB preparation.

Finite Math

Course Code	State Code	Grade	Length	Credit
(126)	02136A000	11, 12	18 weeks	0.5

Prerequisite: Algebra II or Honors Algebra II

Finite Math has a broad application in business, the biological sciences, psychology, sociology, and political science. The mathematical content includes linear, polynomial, and rational functions; systems of equations and matrices; linear programming; exponential and logarithmic functions; and mathematics of finance. Any student planning to major in a business-related field should enroll in this course.



SOCIAL STUDIES DEPARTMENT

*Two credits of Social Studies are required for graduation.

FRESHMAN YEAR		
Geography (1 semester)	Current World Issues (1 semester)	
SOPHOMORE YEAR		
*Civics (1 semester)	*Modern European History (1 semester)	AP European History (2 semesters; weighted) Can take as a Jr/Sr elective
JUNIOR YEAR		
*American History: Revolution to WWI (1 semester)	*American History: Roaring Twenties to Present (1 semester)	AP US History (2 semesters; weighted)
JUNIOR/SENIOR YEAR		
Junior & Senior World Issues (1 semester)	Sociology (2 semesters)	Psychology (1 semester)

Skills Developed

- Problem Solving
- Seeing Relationships
- Developing a World View
- Interpreting Events
- Resolving Conflicts
- Examining Evidence
- Decision Making
- Analytical Thinking

Social Studies Careers

High School Education

- Human Resources Assistant
- Military
- Correctional Officers
- Security Guard

Social Studies Careers

Associate Degree

- Court Reporter
- Teacher Assistant
- Police Officer
- Paralegal
- Deputy Sheriff
- Local Law Enforcement
- Highway Patrol Officer

Social Studies Careers

Bachelor's Degree and Beyond

- | | | |
|--|---|---|
| <ul style="list-style-type: none"> • Teacher • School Counselor • Education Administrator • School Psychologist • Child, Family, and School Social Worker • Clinical Psychologist • Marriage and Family Therapist • Medical and Public Health Social Worker • Mental Health and Substance Abuse Social Worker • Addiction Counselor • Mental Health Counselor | <ul style="list-style-type: none"> • Correctional Treatment Specialist • Rehabilitation Counselor • Adult Educator • Instructional Coordinator • Customs Inspector • Foreign Service Officer • Government Executive and Legislator • Policy Analyst • Economist • Political Scientist • Internal Revenue Agent • Lawyer • Judge • Paralegal | <ul style="list-style-type: none"> • Historian • Industrial Psychologist • Research Psychologist • Sociologist • Urban and Regional Planner • Correctional Officer • Federal Agent • Probation or Parole Officer • Public Interest Advocates • Geographer • Anthropologist • Archaeologist • Conservator • Curator • Archivist |
|--|---|---|

Current World Issues

Course Code	State Code	Grade	Length	Credit
(201)(202)	04064A000	09, 10	18 weeks	0.5

Prerequisite: None

This course will deal with one of the essentials of being a good citizen: being informed. The goal of this course is to make a student more aware of local, state, national, and international issues. The student will become aware of current issues that affect him/her directly or indirectly. The student will use various media sources to broaden his/her knowledge and appreciation of today's world. Some of the topics covered will be energy, politics, national affairs, international affairs, justice, education, lifestyles, and business. Students may only take this class one semester per school year.

Physical Geography

Course Code	State Code	Grade	Length	Credit
(203)(204)	04001A000	09, 10	18 weeks	0.5

Prerequisite: None

Physical Geography is offered to make the student more familiar with his/her world. The student will study map making, climate, landforms, the relationship between culture and environment, as well as recognition of the continents, important countries upon those continents, and major cities within those countries. The class will study how geography affects economy, politics, and society in general.

Civics

Course Code	State Code	Grade	Length	Credit
(205)(206)	04161A000	10	18 weeks	0.5

Prerequisite: None

This is a one-semester required course for sophomores. Civics investigates government at Federal and State levels. Students are required to pass an examination over both the federal and state government as mandated by the Illinois Legislature.

Constitution Test

Course Code	State Code	Grade	Length	Credit
(205CT)(206CT)				

Prerequisite: Enrolled in Civics 205 or 206

An examination over the United States Constitution, the Illinois Constitution, and the flag code is mandated by the school code and will be given to each student in a sophomore civics class. Passage of this test is a graduation requirement. The results of the test will be noted as "S" for satisfactory or "U" for unsatisfactory on report cards and transcripts. Those students who fail the test or who have not taken the Civics class should make arrangements with their counselors to make up the test.

Modern European History

Course Code	State Code	Grade	Length	Credit
(209)(210)	04055A000	10	18 weeks	0.5

Prerequisite: None

This is a one-semester required course for sophomores, which begins at the French Revolution and traces events and personalities to the Cold War. The course will emphasize the dominant nations of Europe. The purpose of the course is to relate events, personalities, movements, and social-political concepts of European history to their impact on the world in general and to the United States in particular.

AP European History*

Course Code	State Code	Grade	Length	Credit
209AP-210AP	04056A000	10, 11, 12	36 weeks	1

Prerequisite: None

This course is designed to provide students an introduction to the cultural, economic, political, and social developments of European history from 1450 to present. "Without this knowledge, we would all lack the context for understanding the development of contemporary institutions, the role of conflict and continuity in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse" (The College Board, 2003). At the end of this course, students will possess an understanding of some of the principal themes in modern European history, an ability to analyze historical evidence, and an ability to analyze and to express historical understanding in writing. This is a college-level course; therefore, levels of academic work inside and outside of the classroom are extremely rigorous and unlike most other courses taught at the high school.

American History/Revolution to WWI

Course Code	State Code	Grade	Length	Credit
(217)	04102A000	11, 12	18 weeks	0.5

Prerequisite: None

This course provides the first semester of the required full year of American History. Historical events that will be covered include the American Revolution, War of 1812, the development of political parties and modern-day democracy, various 19th century reform movements, sectional conflict, the Civil War, and Reconstruction. The semester will end with the study of imperialism as a foreign policy objective, progressivism, and WWI. Throughout the semester students will be responsible for learning objectives developed using the Illinois Learning Standards, the National Standards for Social Studies, and Common Core State Standards.

American History/Roaring Twenties to Present

Course Code	State Code	Grade	Length	Credit
(218)	04103A000	11, 12	18 weeks	0.5

Prerequisite: None

This course provides the second semester of the required full year of American History. Historical events that will be covered include the buildup to the stock market crash of 1929, the Great Depression and New Deal, WWII, the Cold War culture and foreign policy, the Vietnam War, and the impact of the collapse of the Soviet Union on US policy, and as time allows, September 11, 2001 and the Global War of Terrorism. Throughout the semester students will be responsible for learning objectives developed using the Illinois Learning Standards, the National Standards for Social Studies, and Common Core State Standards

AP US History*

Course Code	State Code	Grade	Length	Credit
217AP-218AP	04104A000	11, 12	36 weeks	1

Prerequisite: None

This class is designed for students who want to pursue a more detailed and in-depth study of American history. Outside reading, book reviews, and oral reports will be required. The nature of the course will provide an opportunity to study social, political, and economic aspects of American history. **This course is an option to meet the American History requirement.**

Junior & Senior World Issues

Course Code	State Code	Grade	Length	Credit
(225)(226)	04064A000	11, 12	18 weeks	0.5

Prerequisite: None

This course will give students the opportunity to study, research, analyze, and discuss events that are affecting their lives today. Topics include but are not limited to national affairs, international happenings, law, education, science, as well as business, economic and social issues that affect the students' lives and the lives of people in the world.

Psychology

Course Code	State Code	Grade	Length	Credit
(237)(238)	04254A000	11, 12	18 weeks	0.5

Prerequisite: None

This elective course intended to acquaint the student with some of the basic fields within psychology. As an exploratory course, the units are designed to familiarize the students with concepts and terms in the fields. Ideally, the student will become acquainted with theorists in psychology, personality, behavior and awareness of the world he or she lives in. Units covered will include psychology as a system of scientific inquiry, types and forms of psychology, bases of behavior, theorists who shaped psychology, understanding personality, awareness of the world, and the impact of motivation on behavior.

Sociology**Course Code**

239-240

State Code

04258A000

Grade

11, 12

Length

36 weeks

Credit

1

Prerequisite: None

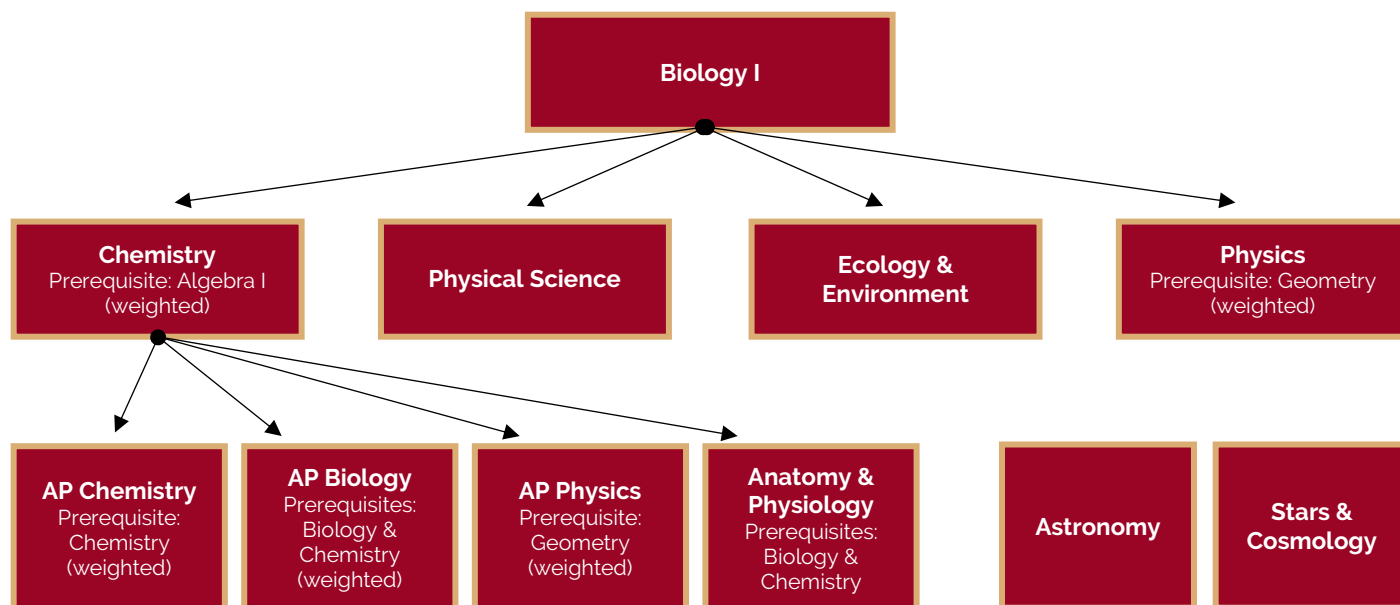
Sociology is the scientific study of society and human behavior. Sociology looks at how external forces (society) shape human behavior. During the first semester students will be challenged to think about society from the sociological perspective. The course will build the framework for students to understand how sociologists research and theorize the basic ideas within sociology. It will offer an opportunity for students to discuss and continue to shape sociology. It will offer an opportunity for students to discuss and share ideas and opinions concerning various aspects of human relationships. Units covered will include sociological perspective, culture, socialization, social structure and interaction, sociological research, social networks, bureaucracies, and deviance and social control. During the second semester the course will continue to challenge the student to think about the society he/she lives in. It will offer an opportunity to discuss and share ideas and opinions concerning various social problems existing in the modern world. Basic information will be presented to the student and possible solutions offered. The purpose is not to say what is right or wrong, but to encourage the student to become aware and interested in the problems of today. Units covered will include stratification, social class in the United States, sex and gender, race and ethnicity, the elderly, the economy, politics, the family, education, religion, and social change.



SCIENCE DEPARTMENT

Science Course Map

Regardless of grade level, students may take courses on any tier, as long as the prerequisite has been met.
Two credits are required for graduation, including Biology and a physical science
(Physical Science., Chemistry, or Physics)



Course Competencies

Structure & Function	Patterns	Science & Engineering Practices	Systems & System Models
Stability & Change	Scale Proportion & Quantity	Cause & Effect	Energy & Matter in Systems

Science Careers

- Anesthesia Technician
- Athletic Trainer
- Biochemist
- Bioinformatics
- Biomedical Engineering
- Biophysics
- Biotechnologist
- Blood Bank Specialist
- Botanist
- Cardiologist
- Chiropractor
- Conservationist
- Crime Scene Investigator
- Dental Hygienist
- Dentist
- Dermatologist
- Ecologist
- Epidemiologist
- Forensic Scientist
- Geneticist
- Geologist
- Immunologist
- Lab Technician
- Marine Biologist
- Masseuse
- Medical Assistant
- Medical Director
- Medical Lawyer
- Medical Technologist
- Medical Transcription
- Microbiologist
- Molecular Biologist
- Mortician
- Nanotechnologist
- Neurology Technician
- Neuroscientist
- Nuclear Medicine Technician
- Nurse
- Nutritionist
- Occupational Therapist
- Oncologist
- Outpatient Surgery Directory
- Pathologist
- Personal Trainer
- Pharmacist
- Pharmacy Director
- Physical Therapist
- Physical Therapist Assistant
- Physician
- Physician's Assistant
- Planning & Marketing Director
- Podiatrist
- Psychologist
- Radiologist
- Rehabilitation Services
- Research Scientist
- Researcher
- School Nurse
- Teacher
- Toxicologist
- Ultrasound Technician
- Veterinarian
- Virologist
- Volunteer Services Directors
- X-Ray Technician
- Zoologist

Biology I

Course Code	State Code	Grade	Length	Credit
303-304	03051A000	09	36 weeks	1

Prerequisite: None

The intent of biology is to open the door to a lifetime of understanding of and appreciation for nature. This course will stress critical thinking skills and show how biology relates to everyday living. It will also provide a variety of opportunities to develop and practice the art of "doing science". Units of study include characteristics of living things, chemical basis of living things (atoms and molecules), cytology (study of cells), heredity and genetics, the history of living organisms, taxonomy (classification of living things), plants, animals, dynamics of ecosystems (interactions between living organisms and their surroundings), reproduction, current (controversial) science issues, environmental awareness, and a variety of exploratory and investigative labs. **This course is required for graduation.**

Physical Science

Course Code	State Code	Grade	Length	Credit
307-308	03159A000	10, 11, 12	36 weeks	1

Prerequisite: None

This course is designed to give students an introduction to the physical sciences; chemistry, physics (work, forces, electricity, and magnetism), and Earth Science (geology and weather). The students will do a variety of labs to help with understanding of the key components of the course work. This course will require the students to gain knowledge through the collection of data and manipulation of that data in graph form using Excel and then analyzing that data to draw conclusions. This lab science course is an option for the physical science course required for graduation.

Ecology

Course Code	State Code	Grade	Length	Credit
331-332	03062A00	10, 11, 12	36 weeks	1

Prerequisite: None

Ecology is the science that studies the interrelationships between living species and their physical environment. This course examines how ecosystems function including cycling of nutrients, energy transfer, competition, and symbiotic relationships. Students are provided activities to help them understand how the natural environment works and what effect humans have upon it. Students will engage in units of study that include ecosystem structure, principals of ecosystem sustainability, nutrient cycles, biodiversity, conservation, human impacts, natural resources, disease ecology, and environmental problems and solutions. A focus of this course is to raise students' environmental awareness by studying, analyzing, and discussing a variety of ecological problems such as global warming, air and water pollution, depletion of natural resources, emergent disease, vanishing wildlife, and discarding waste products and exploring/designing solutions. This course will include field work along with exploratory and investigative labs with a focus on project-based learning.

Chemistry*

Course Code	State Code	Grade	Length	Credit
313-314	03101A000	10, 11, 12	36 weeks	1

Prerequisite: Algebra I

Chemistry is a study of the structure of matter and its large-scale implications. The following topics are covered in this course: mathematical foundations of Chemistry, measurements, the structure of matter, chemical reactions, chemical bonding, and behavior of gases. Chemistry includes a variety of exploratory and investigative labs. This lab science course is an option for the physical science course required for graduation.

Physics*

Course Code	State Code	Grade	Length	Credit
319-320	03151A000	10, 11, 12	36 weeks	1

Prerequisite: Geometry

Physics is the study of the interaction of objects with their universe. The following topics are covered: one- and two-dimensional kinematics, Newton's Laws of Motion, work, energy and at least one topic of current relevancy. Physics includes a variety of exploratory and investigative labs. This lab science course is an option for the physical science course required for graduation.

Anatomy & Physiology

Course Code	State Code	Grade	Length	Credit
317-318	03053A000	11, 12	36 weeks	1

Prerequisite: *Biology and Chemistry*

Taken after a comprehensive initial study of biology, Anatomy and Physiology presents the human body and biological systems in detail. To understand the structure of the human body and its functions, students learn anatomical terminology, study cells and tissues, explore functional systems, and dissect mammals. This course is highly recommended for those interested in a career in the medical field. This class includes a variety of exploratory and investigative labs.

AP Biology*

Course Code	State Code	Grade	Length	Credit
303AP-304AP	03056A000	11, 12	36 weeks	1

Prerequisite: *Biology and Chemistry*

AP Biology is an introductory college-level biology course. The AP Biology course is equivalent to a two-semester college introductory biology course for biology majors. Students 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. This course requires that 25 percent of the instructional time will be spent in hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to apply the science practices.

AP Physics*

Course Code	State Code	Grade	Length	Credit
319AP-320AP	03165A000	11, 12	36 weeks	1

Prerequisite: *Geometry*

The objective of this course is to prepare students to take and pass the AP Physics B exam with a score of 3 or better. This is a fast-paced physics course that will cover a large range of topics. It will be a comprehensive study of fundamental concepts of natural laws, especially as they apply to kinematics, dynamics, thermodynamics, forces, work, rotation, energy, electricity and magnetism, optics, waves, quantum, atomic and nuclear physics. AP Physics includes a variety of exploratory and investigative labs.

AP Chemistry*

Course Code	State Code	Grade	Length	Credit
321AP-322AP	03106A000	11, 12	36 weeks	1

Prerequisite: *Chemistry*

Chemistry is a study of the structure of matter and its large-scale implications. The following topics are covered in this course: the states of matter, solution chemistry, chemical kinetics, nuclear chemistry, organic chemistry, electrochemistry, and thermochemistry. AP Chemistry includes a variety of exploratory and investigative labs.

Astronomy & Our Planetary System

Course Code	State Code	Grade	Length	Credit
(329)	03004A000	11, 12	18 weeks	0.5

Prerequisite: *None*

This is a course that investigates the development of man's understanding of the universe with an emphasis on our solar system. Subject matter consists of the following: foundations of astronomy, electromagnetic radiation, telescopes, and the solar system (formation, Sun, planets, moons, debris). This course is counted as an elective credit and is not a lab science.

Stars & Cosmology

Course Code	State Code	Grade	Length	Credit
(330)	03004A000	11, 12	18 weeks	0.5

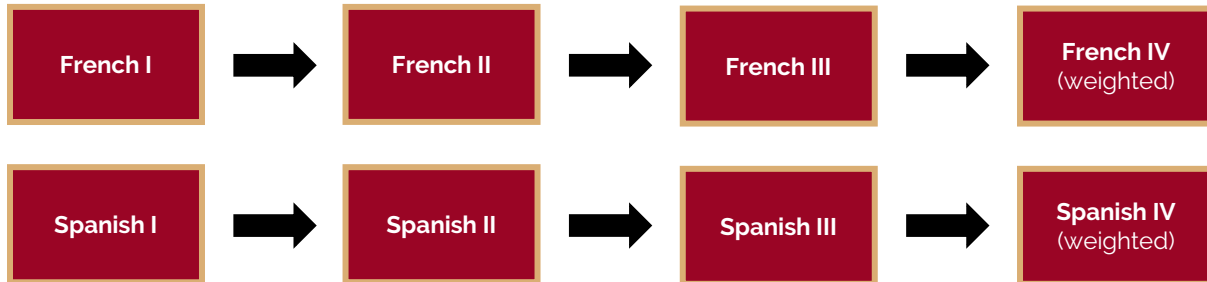
Prerequisite: *None*

This course is intended to broaden the student's perspective of the universe by focusing on objects and phenomena that exist outside of our solar system. Topics of study include identification and classification of stars, formation and evolution of stars, supernovae, neutron stars, black holes, identification and classification of galaxies, and formation and evolution of galaxies. This course is counted as an elective credit and is not a lab science.



WORLD LANGUAGES DEPARTMENT

There is no prerequisite to enroll in French I or Spanish I.
A student must pass each semester to be able to move on to the next course in the sequence.



World Language Careers

High School Diploma

- Receptionist
- Peace Corp volunteer

2-Year Associate's Degree

- Bilingual school paraprofessional
- Bilingual nurse
- Bilingual firefighter
- Bilingual law enforcement officer
- Travel agent
- U.S. postal service
- U.S. customs agent

4-year Bachelor's Degree

- World Languages Teacher
- English as a Second Language Teacher
- Foreign journalist/news photographer
- Advertising
- Film production
- Simultaneous translator (i.e. United Nations)
- Book/Journal editor
- Fashion buyer
- International banking
- Archeologist
- Museum staff

Professional/Graduate Degree

- International law
- College professor
- Doctor

French I

Course Code	State Code	Grade	Length	Credit
403-404	06121A000	09, 10, 11, 12	36 weeks	1

Prerequisite: None; **Proficiency in reading and writing English is essential to a student's success.**

The student begins exploration of the French language and culture building proficiency in listening, reading, writing, and speaking. A CD program is used in conjunction with textbooks, workbooks, outside cultural projects, and a mobile language lab to reinforce these skills. Basic pronunciation is covered and practiced throughout the course. First year French lays the foundations of basic language skills and builds upward to more complex structures and concepts.

French II

Course Code	State Code	Grade	Length	Credit
405-406	06122A000	10, 11, 12	36 weeks	1

Prerequisite: French I

The student continues to develop all four language skills: listening, speaking, reading, and writing. Students develop fluency through structured classroom dialogue. The goal of French II is to develop comprehension and participation at normal classroom speed. Students read short selections in French to help them develop vocabulary and ease in using the language.

French III

Course Code	State Code	Grade	Length	Credit
407-408	06123A000	11, 12	36 weeks	1

Prerequisite: French II

The student mixes studying the culture, stories, and grammar. Students are encouraged to speak French from the beginning. French history and current events are incorporated into the study of the language as an important part of the American heritage as well as world and business communication and world events on all five continents.

French IV*

Course Code	State Code	Grade	Length	Credit
409-410	06124A000	12	36 weeks	1

Prerequisite: French III

Developing proficiency of skills is the goal of French IV for two reasons: personal satisfaction and to prepare for college placement exams for proficiency credit. Short classic novels, plays, short stories, French magazines and newspapers are used. Concentration is given to pronunciation and vocabulary building as well as to review of grammar. **French will be the language of the classroom.** Preparation for college placement and credit is one of the goals of this class.

Spanish I

Course Code	State Code	Grade	Length	Credit
423-424	06101A000	09, 10, 11, 12	36 weeks	1

Prerequisite: None; **Proficiency in reading and writing English is essential to a student's success.**

Students are introduced immediately to useful language skills in Spanish through listening, speaking, reading, and writing exercises. The course includes a unit on the geography of the Spanish-speaking world. Rules of syntax and grammar are presented as tools for the correct use of Spanish. The course exposes the students to the culture of the Spanish-speaking world with an emphasis on its influence in the United States.

Spanish II

Course Code	State Code	Grade	Length	Credit
425-426	06102A000	10, 11, 12	36 weeks	1

Prerequisite: *Spanish I*

Spanish II students continue listening, speaking, reading, and writing. Emphasis is placed on authentic language and contexts of the Hispanic world. Effective communication also develops through progressive awareness of language structures and cultural norms as students strengthen their Spanish skills to deal with an expanded range of topics, situations, and people.

Spanish III

Course Code	State Code	Grade	Length	Credit
427-428	06103A000	11, 12	36 weeks	1

Prerequisite: *Spanish II*

Spiraling back through novice levels as they progress toward intermediate levels, Spanish III students increase their communicative competence in negotiating their way through a variety of Spanish speaking environments both in the U.S. and abroad. Spanish III students begin to experience the significance of their roles in a world of cross-cultural and global interdependence as they participate in both the celebrations and challenges of diversity. Short Latin American and Spanish literary selections, current events, and contemporary media help immerse students in the language and its culture.

Spanish IV*

Course Code	State Code	Grade	Length	Credit
429-430	06104A000	12	36 weeks	1

Prerequisite: *Spanish III*

Taught in Spanish, this course continues to fine-tune the four language skills of listening, speaking, reading, and writing, through short stories, poems, songs, authentic media, excerpts from novels and plays, and units developed to expose them to real-life situations and interactions. Students assimilate more refined linguistic patterns and gain greater insight into the culture of the Spanish-speaking world. At the end of the fourth year, students will have completed all college language requirements and be will prepared for college placement exams for proficiency credit, should they wish to continue the study of Spanish.

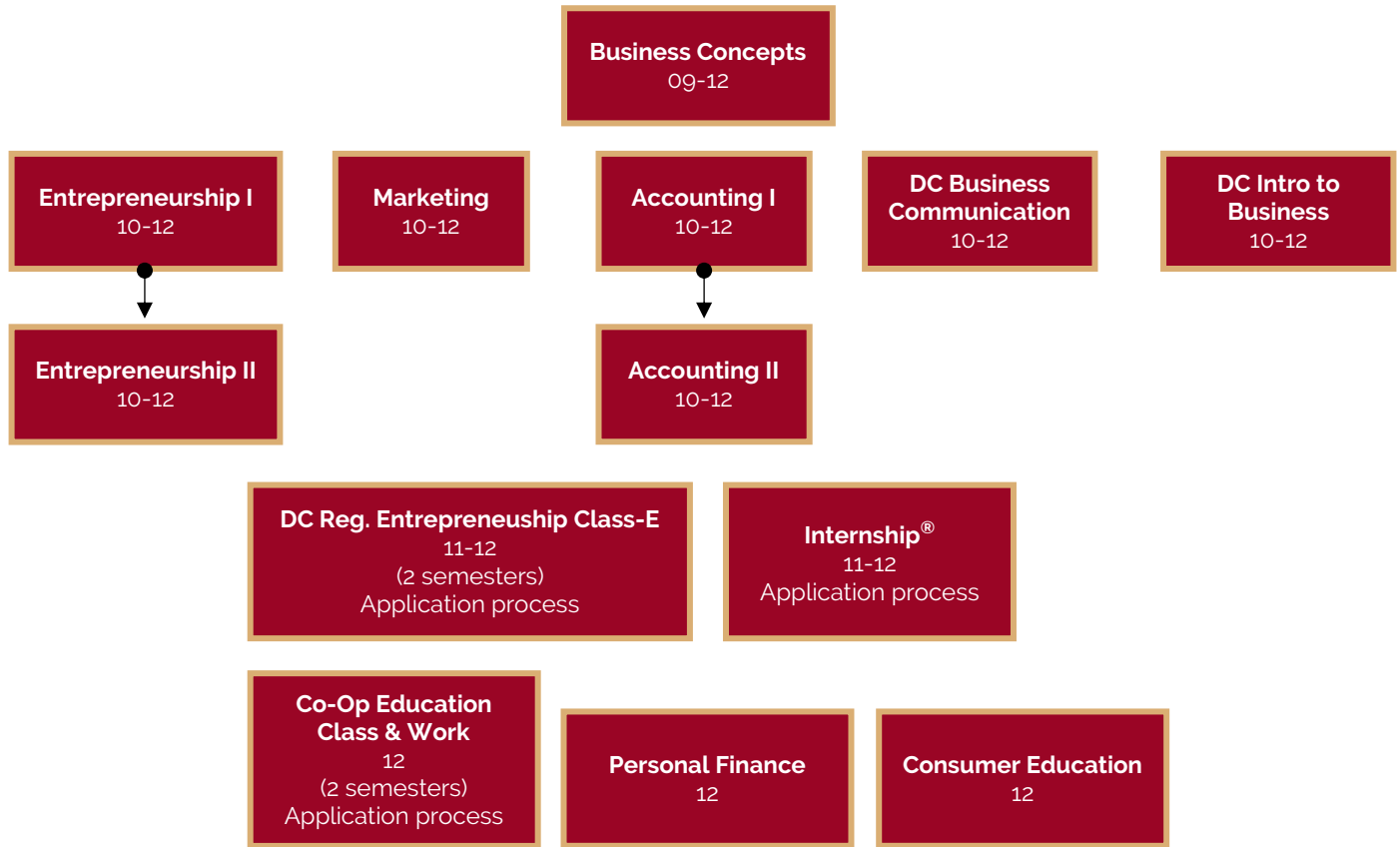


BUSINESS/TECHNOLOGY DEPARTMENT

Business Course Sequence

All courses one semester unless indicated

DC = Dual Credit Course and weighted



Technology Course Sequence

All courses one semester unless indicated

®Can be repeated for credit



Business/Finance/Marketing/Management Careers

High School Education

- Administrative Assistant
- Airline Customer Service Agent
- Automobile Salesperson
- Bank Teller
- Bill Collector
- Cashier
- Convenience Store Operator
- Customer Service Representative
- Data Entry Clerk
- Desktop Publisher
- Legal Secretary
- Medical Secretary
- Office Manager
- Real Estate Agent
- Retail Salesperson
- Sales Representative
- Tax Preparer
- Telemarketer
- Travel Agent

Associate's Degree

- Account Manager
- Advertising Account Executive
- Bookkeeper
- Construction Manager
- Cost Estimator
- Credit Counselor
- E-business Consultant
- Entrepreneur
- Event Planner
- Human Resources Specialist
- Insurance Agent
- Loan Officer
- Mortgage Broker
- Public Relations Specialist
- Sports Marketer

Bachelor's Degree

- Accountant
- Actuary
- Agent
- Auditor
- Bank Manager
- Business Systems Analyst
- Communications Specialist
- Corporate Trainer
- Economist
- Financial Planner
- Forensic Accountant
- Healthcare Administrator
- Insurance Underwriter
- Investment Advisor
- Investment Banker
- IT Project Manager
- Management Consultant
- Market Research Analyst
- Marketing Specialist
- Operations Research Analyst
- Venture Capitalist

Technology Careers

High School Education

- Computer Support Person
- Computer Trainer
- Desktop Publisher
- Office Machine Repairer
- Web Administrator
- Web Developer

Associate's Degree

- Computer Animator
- Computer Network Specialist
- Computer Programmer
- Digital Media Specialist
- E-business Consultant
- Electrical Engineering Tech
- Information Security Analyst
- Quality Controller
- Technical Writer
- Video Game Developer
- Website Designer

Bachelor's Degree

- Bioinformatics Specialist
- Business Systems Analyst
- Computer Hardware Engineer
- Computer Scientist
- Computer Software Engineer
- Database Developer
- Electrical Engineer
- IT Project Manager

Business Concepts

Course Code	State Code	Grade	Length	Credit
(501)(502)	12001A001	09, 10	18 weeks	0.5

Prerequisite: None

This orientation-level course will provide an overview of all aspects of business marketing and management, including the concepts, functions, and skills required for meeting the challenges of operating a business in a global economy. Topics covered will include the various forms of business ownership, including entrepreneurship, as well as the basic functional areas of business (finance, management, marketing, administration, and production). Students will be introduced to a wide range of careers in fields such as accounting, financial services, information technology, marketing, and management. This course is intended to provide preparation for the skill-level courses.

Digital Photography

Course Code	State Code	Grade	Length	Credit
(503)(504)	05167A000	09, 10, 11, 12	18 weeks	0.5

Prerequisite: None

Students will learn the basics of digital photography using a digital camera/cell phone. The curriculum will guide students in the process of learning techniques like lighting, exposure, and creating high-quality photographs. They will learn a brief history of photography as well as complete digital photography-based projects and research assignments.

Computer Concepts & Applications I

Course Code	State Code	Grade	Length	Credit
(507)(508)	10004A001	09, 10, 11, 12	18 weeks	0.5

Prerequisite: None

This orientation-level course will provide students with hands-on operation using word processing, spreadsheet, database, presentation, and communications software. The training received in this course will become a valuable skill to use in other classes, extracurricular organizations, and work situations.

Computer Concepts & Applications II

Course Code	State Code	Grade	Length	Credit
(509)(510)	10004A001	09, 10, 11, 12	18 weeks	0.5

Prerequisite: Computer Concepts & Applications I

This course will provide students with advanced hands-on operation using word processing, spreadsheet, database, presentation, and communications software. The training received in this course will become a valuable skill to use in other classes, extracurricular organizations, and work situations.

Programming

Course Code	State Code	Grade	Length	Credit
(511)(512)	10152A001	09, 10, 11, 12	18 weeks	0.5

Prerequisite: Computer Concepts & Applications I

This course is an introduction to computer programming, using a variety of programming languages. This course provides students with a solid introduction to concepts of programming, logic, and related mathematics through the use of various programs proven for motivating beginning programmers. Course can be repeated for credit.

Marketing

Course Code	State Code	Grade	Length	Credit
(513)(514)	12167A001	10, 11, 12	18 weeks	0.5

Prerequisite: None

This course is designed to provide students with an understanding of the principles of Marketing. It will include topics such as environmental analysis, industry and competitor analysis, objective setting, marketing strategies and marketing mix components such as pricing, distribution, product and service development and promotion including both traditional and digital marketing communication. Additionally, the course will provide opportunities for the practical implementation of the concepts covered and the development of problem-solving skills.

Entrepreneurship I

Course Code	State Code	Grade	Length	Credit
(515)	12053A001	10, 11, 12	18 weeks	0.5

Prerequisite: *Instructor approval OR one semester of an orientation-level business or technology course*

This course expands upon entrepreneurial business concepts, while using project-based learning to gain the knowledge to run a business. This course will also assist CHS Industries in various ways including building entrepreneurial and workplace skills while working on CHS Industries projects. **Requirements of consumer education are met in this course.**

Entrepreneurship II

Course Code	State Code	Grade	Length	Credit
(516)	12053A001	10, 11, 12	18 weeks	0.5

Prerequisite: *Entrepreneurship I*

This course utilizes advanced knowledge of entrepreneurial business concepts while using project-based learning to gain the knowledge to run a business. This course will also assist CHS Industries in various ways including building advanced entrepreneurial and workplace skills as well as managerial skills while working on CHS Industries projects.

Dual Credit Business Communications*

Course Code	State Code	Grade	Length	Credit
(526)	12009A001	*10, 11, 12	18 weeks	0.5

Prerequisite: *Instructor approval OR one semester of an orientation-level business or technology course; Students must also meet Lake Land College's criteria for enrollment (refer to [page 5](#) of Course Description booklet). *Only juniors and seniors will receive college credit.*

This course expands on practical strategies for creating successful communication products used in business. Advanced units of study include but are not limited to Communication Foundations, Digital Age Writing Processes, Workplace Communication, Employment Communication, and Business Presentations.

Dual Credit Intro to Business*

Course Code	State Code	Grade	Length	Credit
(527DC)	12105A001	*10, 11, 12	18 weeks	0.5

Prerequisite: *Instructor approval OR one semester of an orientation-level business or technology course; Students must also meet Lake Land College's criteria for enrollment (refer to [page 5](#) of Course Description booklet). *Only juniors and seniors will receive college credit.*

This course expands on insight into business-related careers. Advanced units of study include but are not limited to Economic Systems, Global Business, Ethics, Business Ownership, Types of Businesses, Business Management, Human and Labor Relations, Marketing and Promotion, Financial Management, Banking, Accounting, Information Systems, and Securities. **Requirements of consumer education are met in this course.**

Yearbook

Course Code	State Code	Grade	Length	Credit
531-532	11152A001	09, 10, 11, 12	36 weeks	1

Prerequisite: *Instructor approval based on application process; (Can be repeated for credit)*

In this dynamic, hands-on course, students will learn how to use the yearbook software, Photoshop, a scanner, and digital cameras to create and edit layouts. Students will also learn about advertising, sales, budgeting, and management concepts in addition to publishing terminology and concepts. Students will be required to take photos at school events. Emphasis will be placed on written and visual communications. Course can be repeated for credit.

Accounting I

Course Code	State Code	Grade	Length	Credit
(533)	12104A001	10, 11, 12	18 weeks	0.5

Prerequisite: *Average or better math skills strongly recommended*

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 career exploration and planned learning experiences that develop initial and basic skills used in systematically computing, classifying, recording, verifying, and maintaining numerical data involved in financial records, including payment and receipt of cash and preparation of payroll records and financial statements. Accounting computer applications may be integrated throughout the course where applicable. Students will also complete projects that assist CHS Industries.

COURSE DESCRIPTIONS BUSINESS & TECHNOLOGY

Accounting II

Course Code	State Code	Grade	Length	Credit
(537)	12104A002	10, 11, 12	18 weeks	0.5

Prerequisite: *Accounting I*

Accounting II is a skill-level course that is of value to all students pursuing a strong background in business, marketing and management. This course includes advanced use of skills learned in Accounting I and planned learning experiences that develop advanced skills used in systematically computing, classifying, recording, verifying and maintaining numerical data involved in financial records, including payment and receipt of cash and preparation of payroll records and financial statements. Accounting computer applications may be integrated throughout the course where applicable. Students will also complete projects that assist CHS Industries.

Interrelated Cooperative Education Class

Course Code	State Code	Grade	Length	Credit
541-542	222153A000	12	36 weeks	1

Prerequisite: *Instructor approval based on application process*

The Interrelated Cooperative Education program correlates occupational oriented in-school instruction with on-the-job business work experience in the community. Classroom instruction focuses on knowledge and skills students need in order to be successfully employed and improve their abilities to interact positively with others while in the program and upon graduation. Units include career opportunities, employer-employee relations, getting along on the job, job applications and interviews, resumes, safety and health laws, union-labor laws, income tax, Social Security, workers' compensation, money management, comparative pricing, wise use of consumer credit, insurance, savings, investments, decision making, and management. Students will complete career interest assessments to discover the nature of occupations, education and experience required, working conditions, job outlook and opportunities, as well as earnings. **Requirements of consumer education are met in this course.**

Interrelated Cooperative Work

Course Code	State Code	Grade	Length	Credit
543-544	22998A000	12	36 weeks	1

Prerequisite: *Instructor approval based on application process*

This course is the related work experience program that coincides with the Interrelated Cooperative Education Class. The work experience should be related to the student's future career. Students should be employed at least 15 hours per week. Attendance is of the utmost importance. Only students with good attendance will be considered for the program. 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, state and local laws and regulations. A student must be enrolled in the cooperative education class to receive credit for their work experience.

Internship – Traditional#

Course Code	State Code	Grade	Length	Credit
(545)(546)	22998A000	11, 12	18 weeks	#1

Prerequisite: *Instructor approval based on application process*

An internship is a hands-on professional learning experience where a student works for a company or organization in order to gain knowledge about a specific career. This experience can be paid or unpaid. **Students attend their internship for one 80-minute class period every day. A minimum of 60 hours is required for the semester.** Students can seek out an internship on their own and apply or they can choose from one of our industry partners found in the school database. Students will begin the semester in the classroom learning essential workplace skills and creating resumes and cover letters, and then they will continue with on-the-job training at the job site. Students will be required to complete a weekly time sheet and assignments and a final project. Additional requirements may be added throughout the semester. Excellent school attendance is required for this class. Students may repeat this course with a different company or organization.

Internship – Extended[#]

Course Code	State Code	Grade	Length	Credit
(545E)(546IE)	22998A000	11, 12	18 weeks	#2

Prerequisite: *Instructor approval based on application process*

This internship opportunity is the same as a traditional internship but **extended to include two back-to-back blocks that either meet all day every other day (ex: all day Tuesday and all day Thursday) or meet every day for the entire morning or the entire afternoon, resulting in four 80-minute class periods.** This extended opportunity would be ideal for students who are ahead in credits or have secured an internship requiring a larger block of time. This experience can be paid or unpaid. **A minimum of 120 hours is required for the semester.** Students can seek out an internship on their own and apply or they can choose from one of our industry partners found in the school database. Students will also begin the semester in the classroom learning essential workplace skills and creating resumes and cover letters, and then they will continue with on-the-job training at the job site. Students will be required to complete a weekly time sheet and assignments and a final project. Additional requirements may be added throughout the semester. Excellent school attendance is required for this class.

Consumer Education

Course Code	State Code	Grade	Length	Credit
(547)(548)	19262A001	12	18 weeks	0.5

Prerequisite: *None*

In this course, emphasis is placed on building positive and constructive attitudes which enable consumers to approach the marketplace confident in their ability to make important decisions required of them. The importance of forming personal and social goals based on carefully considered values is stressed. The study of Consumer Education informs students of their protection under existing laws and government regulations and business practices that claim to protect their interests. This course teaches students to better recognize their needs, gather pertinent data, and make intelligent buying decisions. Units of study include our role and the government's role in the economy, global economics, buying products and services, money management and credit, insurance, and social responsibilities. **This course is required for graduation.**

Personal Finance

Course Code	State Code	Grade	Length	Credit
(547PF)(548PF)	19262A001	12	18 weeks	0.5

Prerequisite: *None*

This course will cover similar content as the Consumer Education course, with a focus on personal finance as well as a more in-depth look at what it means to be a consumer or producer in the marketplace. Further areas of study will be investing, budgeting, and college/career preparation. This course is for students who are self-motivated and eager to learn the life skills that will help them excel in the next stage of their life after high school. **Requirements of consumer education are met in this course.**

Dual Credit Regional Entrepreneurship Class^{E#}

Course Code	State Code	Grade	Length	Credit
597DC-598DC	12053A001	11, 12	36 weeks	#2

Prerequisite: *Community advisory committee approval based on application process*

This course covers the basics of conceptualizing, starting, and running a small business. Concepts such as supply and demand, cost/benefit analysis, competitive advantage, and opportunity recognition will be covered. In addition, coursework will include innovative thinking strategies, product development, business structure, marketing, financial strategies, and record keeping. Skills such as preparing an income statement, balance sheet, income, and cash flow statements will be covered. Entrepreneurial thinking (outside-the-box problem solving) will be utilized throughout the course. Students will work in teams to create business plans. Various business owners from Coles County will be invited to the class in the role of either guest speaker or as business consultants to advise the students. Students will have opportunities for job shadowing and business mentor relationships. Students will present their business plans to an advisory team. The course is built around the National Entrepreneurship Standards and is linked to the Illinois Learning Standards. **Class will meet 90 minutes a day (8:00-9:30 am), 5 days a week** utilizing a course calendar. Students will meet in a business setting. Students must provide their own transportation. **Requirements of consumer education are met in this course.**



AGRICULTURE DEPARTMENT

Agriculture Course Pathways

All courses two semesters unless indicated

*Required for all other Ag courses

Plant & Animal Science	Ag Structural & Technology Systems	Ag Power & Mechanics
*Intro to Ag Industry (1 sem)	*Intro to Ag Industry (1 sem)	*Intro to Ag Industry (1 sem)
*Intro to Tech & Engineering (1 sem)	*Intro to Tech & Engineering (1 sem)	*Intro to Tech & Engineering (1 sem)
Ag Science	Ag Mech & Tech	Welding & Fabrication
Horticulture	Advanced Mech & Tech (1 sem)	Small Engines (1 sem)
Off-Campus Internship	Off-Campus Internship	Off-Campus Internship

Agriculture Careers

Marketing, Merchandising and Sales Representative

- Account Executive
- Advertising Manager
- Commodity Broker
- Consumer Information Manager
- Export Sales Manager
- Food Broker
- Forest Products Merchandiser
- Grain Merchandiser
- Insurance Agent
- Landscape Contractor
- Market Analyst
- Marketing Manager
- Purchasing Manager
- Real Estate Broker
- Sales Representative
- Technical Service Representative

Scientists, Engineers and Related Specialists

- Agricultural Engineer
- Animal Scientist
- Biochemist
- Entomologist
- Environmental Scientist
- Food Scientist
- Geneticist
- Landscape Architect
- Microbiologist
- Natural Resources Scientist
- Nutritionist
- Pathologist

- Plant Scientist
- Research Technician
- Soil Scientist
- Statistician
- Veterinarian
- Water Quality Specialist

Managers and Financial Specialists

- Accountant
- Auditor
- Banker
- Business Manager
- Credit Analyst
- Economist
- Financial Analyst
- Food Service Manager
- Grants Manager
- Insurance Risk Manager
- Landscape Manager
- Policy Analyst Appraiser
- Retail Manager

Communication and Education Specialists

- College Teacher
- Computer Software Designer
- Computer Systems Analyst
- Editor
- High School Teacher
- Illustrator
- Information Specialist
- Journalist
- Personnel Development Specialist

- Public Relations Representative
- Radio/Television Broadcaster
- Training Manager

Social Services Professionals

- Career Counselor
- Conservation Officer
- Consumer Counselor
- Dietitian
- Food Inspector
- Naturalist
- Nutrition Counselor
- Outdoor Recreation Specialist
- Park Manager
- Peace Corps Representative
- Regional Planner
- Rural Sociologist
- Community Development Specialist
- Youth Program Director

Agricultural Production Specialists

- Aquaculturalist
- Feedlot Manager
- Forest Resources Manager
- Fruit and Vegetable Grower
- Grain and/or Livestock Farmer
- Greenhouse Manager

Introduction to Agricultural/Intro to Tech

Course Code	State Code	Grade	Length	Credit
(551)(552)	18001A001	09, 10, 11	36 weeks	1

Prerequisite: None

This introductory course provides an opportunity for students to learn how the agricultural industry is organized; its major components; the economic influence of agriculture at state, national and international levels; and the scope and type of job opportunities in the agricultural field. Basic concepts in animal science, plant science, soil science, horticulture, agricultural resources, agribusiness management, and agricultural mechanics are included. Microcomputer applications are introduced. FFA is an integral component of this course.

Agricultural Science

Course Code	State Code	Grade	Length	Credit
553-554	18003A001	10, 11, 12	36 weeks	1

Prerequisite: *Intro to Ag Industry and Intro to Tech & Engineering or consent of instructor*

This course builds on basic skills and knowledge gained in the Introduction to the Agricultural Industry course. Major units of instruction include agricultural research, soil science, advanced plant 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. 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.

Horticulture Production & Management

Course Code	State Code	Grade	Length	Credit
575-576	18051A001	10, 11, 12	36 weeks	1

Prerequisite: *Intro to Ag Industry and Intro to Tech & Engineering or consent of instructor*

This course will include sections pertaining to, but not limited to, the following: plant anatomy and reproduction, integrated pest management, crop selection, fertilization and pest management strategies, and a detailed lab orientation that will involve fertilization, propagation, growth and development, and harvesting of several varieties of plants. Leadership skills are developed through the FFA as an integral part of the program.

Agriculture Mechanics & Technology

Course Code	State Code	Grade	Length	Credit
577-578	18402A001	10, 11, 12	36 weeks	1

Prerequisite: *Intro to Ag Industry and Intro to Tech & Engineering or consent of instructor*

This instructional program will prepare students to make choices for future career selection. This course will allow students to gain a more in depth understanding of techniques and skills in the area of Agricultural Mechanization. Students will identify basic areas, describe basic skills used and recognize the impact of technological advances in agricultural mechanization. Students will gain an understanding of the basic principles of building construction, and plumbing. Students will also gain a basic understanding of the maintenance of small engines. The performance of safety practices is also part of the program. Leadership skills are developed through the FFA as an integral part of the program.

Agriculture Mechanics I: Small Engines

Course Code	State Code	Grade	Length	Credit
(581)	18449A001	10, 11, 12	18 weeks	0.5

Prerequisite: *Intro to Ag Industry and Intro to Tech & Engineering or consent of instructor*

This course is designed to develop student knowledge and skills in the area of agricultural mechanics. Instructional units include operating equipment safely and maintaining and repairing small gasoline engines.

Agricultural Mechanics II: Welding

Course Code	State Code	Grade	Length	Credit
582-583	18404A001 18404A002	10, 11, 12	36 weeks	1

Prerequisite: *Intro to Ag Industry and Intro to Tech & Engineering or consent of instructor*

This course is designed to advance student knowledge and skills in the area of agriculture mechanics. Instructional units include safety practices, shielded metal arc welding, gas metal arc welding; oxyacetylene welding, service and/or repair of mechanical components used in agriculture, and the organization and management of an agricultural business.

Advanced Agricultural Mechanics

Course Code	State Code	Grade	Length	Credit
(584)	18402A001	10, 11, 12	18 weeks	0.5

Prerequisite: *Intro to Ag Industry and Intro to Tech & Engineering or consent of instructor*

This instructional program will prepare students to make choices for future career selection. This course will allow students to gain a more in depth understanding of techniques and skills in the area of Agricultural Mechanization. Students will identify basic areas, describe basic skills used and recognize the impact of technological advances in agricultural mechanization. Students will gain an understanding of the basic principles of building construction, and plumbing. Students will also gain a basic understanding and maintenance of small engines. The performance of safety practices is also part of the program. Leadership skills are developed through the FFA as an integral part of the program.

Supervised Agricultural Experience Program

Course Code	State Code	Grade	Length	Credit
561-562	18998A002	09	36 weeks	0.25

Prerequisite: *Application Process Required*

FFA is an integral part of the program. This experience program is for students in the 9th grade. Students receiving vocational credit in this area must be enrolled in an approved agricultural program sequence. Individual students will have a minimum of one approved project or acceptable plans for doing supervised study, project record book work, and training plans and agreements. Report writing and instructor project visitation and supervision are essentials of the supervised occupational experience. Particular attention will be paid to the establishment and planning of a multi-year experience program. Leadership skills are developed through the FFA as an integral part of the program.

Supervised Agricultural Experience Program

Course Code	State Code	Grade	Length	Credit
563-564	18998A002	10	36 weeks	0.25

Prerequisite: *Application Process Required*

This experience program is for students in the 10th grade. Students receiving vocational credit in this area must be enrolled in an approved agricultural program sequence. Individual students will have a minimum of one approved project or acceptable plans for doing supervised study, project record book work, and training plans and agreements. Report writing and instructor project visitation and supervision are essentials of the supervised occupational experience. Emphasis here will shift from initial planning and establishment of a SOE experience to summary and evaluation of completed program.

Supervised Agricultural Experience Program

Course Code	State Code	Grade	Length	Credit
565-566	18998A002	11	36 weeks	0.25

Prerequisite: *Application Process Required*

This experience program is for 11th grade agricultural students. The opportunities and responsibilities are similar to those discussed under Supervised Agricultural Experience 9 and 10 with the exception that the experiences are conducted at a more advanced level of skill training. The project should be expanded as the student progresses through the agricultural program.

Supervised Agricultural Experience Program

Course Code	State Code	Grade	Length	Credit
567-568	18998A002	12	36 weeks	0.25

Prerequisite: *Application Process Required*

This experience program is for 12th grade agricultural students. The opportunities and responsibilities are similar to those discussed under Supervised Agricultural Experience 9 and 10 with the exception that the experiences are conducted at a more advanced level of skill training. The project should continue to expand as the student progresses through the agricultural program. Particular emphasis will be placed on advanced management skills and techniques.



INDUSTRIAL TECHNOLOGY DEPARTMENT

Industrial Technology Pathways

All courses one semester

Geometry in Construction is also recommended for interested students, and is taken concurrently with Geometry.

Manufacturing	Construction Trades	Drafting/Architecture
Intro to Technology & Engineering	Intro to Technology & Engineering	Intro to Technology & Engineering
Intro to Agricultural Industry	Intro to Agricultural Industry	Intro to Agricultural Industry
Beginning Drafting	Beginning Drafting	Beginning Drafting
Drafting	Drafting	Drafting
Production Technology	Construction Trades I	Off-Campus Internship
Off-Campus Internship	Off-Campus Internship	

Industrial Technology Careers

- Engineering
- Industrial Maintenance
- Manufacturing Assembly
- Machinist/Operator
- Production Manager
- Quality Control Inspector
- Construction Manager
- Carpenter
- Mason
- Electrician
- Plumber
- Roofer
- Sheet Metal Worker
- HVAC Technician
- Architect
- Drafter
- Landscape Architect
- Interior Designer
- Surveyor

Introduction to Agricultural/Intro to Tech

Course Code	State Code	Grade	Length	Credit
(605)(606)	21052A002	09, 10, 11	36 weeks	1

Prerequisite: None

Introduction to Technology & Engineering is comprised of the following areas: Production, Transportation, Communication, Energy Utilization, and Engineering Design, but is not limited to these areas only. This course will cover the resources, technical processes, industrial applications, material sciences, technological impact, and occupations encompassed by that system. This introductory class for freshmen and sophomores introduces drafting, manufacturing and construction skills.

Beginning Drafting

Course Code	State Code	Grade	Length	Credit
(625)	21102A002	10, 11, 12	18 weeks	0.5

Prerequisite: Currently enrolled in or have passed Geometry

This course is designed to provide students interested in a career in drafting with information and practical experience needed for the development of job-related competencies. Course content includes planning and organizing activities, researching information, coordinating work, performing general office procedures, preparing sketches (freehand, isometric, oblique), and performing basic layouts and detailed drawings such as sectional and isometric views using CAD (Computer Assisted Drawing) command processes to produce CAD grid drawings.

Drafting

Course Code	State Code	Grade	Length	Credit
(626)	21103A001	10, 11, 12	18 weeks	0.5

Prerequisite: Must have passed Beginning Drafting

Course content includes symbol libraries, block attributes, 3D design, solid modeling, and slide shows. In addition, students will be designing a home plan, which includes a site plan layout and traffic flow based on the needs of a client and design elevation views for homes. Drawing emphasis is on sectionals, pictorials, and auxiliary views. Students will create drawings using CAD (Computer Assisted Drawing) systems.

Construction Trades I

Course Code	State Code	Grade	Length	Credit
(607)(608)	17002A001	11, 12	18 weeks	0.5

Prerequisite: None

This course provides experiences related to the erection, installation, and maintenance of residential buildings and related fixtures. Planned learning activities allow students to understand fundamental principles and methods and to develop technical skills related to masonry, carpentry, and finish work. Instruction includes safety principles and practices, recognition of standard lumber sizes, foundation layout methods, building concepts and procedures, local, state, and national codes, cost estimating, and blueprint reading. Junior/Senior level construction skills are taught in a lab setting (sheds/prefab structures) with potential trips to jobsites.

Production Technology

Course Code	State Code	Grade	Length	Credit
(609)(610)	13052A001	11, 12	18 weeks	0.5

Prerequisite: None

Production Technology is a course designed to foster an awareness and understanding of manufacturing and construction technology. Through a variety of learning activities, students are exposed to many career opportunities in the production field. Experiences in manufacturing include product design, materials and processes, tools and equipment including computers, safety procedures, corporate structure, management, research and development, production planning, mass production, as well as marketing and servicing. In construction, students are exposed to site preparation, foundations, building structures, installing utilities, and finishing and servicing structures. In this Junior/Senior level manufacturing course, students produce projects for sale. Projects will be made of wood or metal or combination of both. Projects will be instructor/student designed and custom client projects.

Geometry in Construction

Course Code	State Code	Grade	Length	Credit
107GC-108GC	17017A002	09, 10	36 weeks	1

Prerequisite: Algebra I

Geometry in Construction is a course that combines geometric and construction concepts through a combination of academic and construction applications. Geometry and Construction will be integrated through construction projects. **This mathematics course is an option for the second required course for graduation.** Students will learn concepts such as lines, planes, and angles, parallel and perpendicular lines and planes, congruent triangles, quadrilaterals, similar polygons, right triangles, circles, areas and volumes, and coordinate geometry, and will learn how to apply this knowledge in real world construction applications. **This course meets for a double period.**



LAKE LAND COLLEGE AUTOMOTIVE

LLC Automotive #

Course Code	State Code	Grade	Length	Credit
601-602	20104A001	11, 12	36 weeks	#2

Prerequisite: Application Process Required

Students will be accepted into the class based on an application process that will include, but will not be limited to, regular attendance, academic ability and compatibility with student's long-term goals. Students will be responsible for providing their own transportation to Lake Land college and will follow the Lake Land College attendance calendar. Upon successful completion of a year-long course, the student will earn a certificate in Automotive Skills.

The Automotive offering is a one-year program. The four courses in the Fall are all taught within the Monday-Friday from 8:00 am-9:50 am range. Two of those classes are mods, meaning they are only one quarter in length. It is a student level ASE certification.

Fall Courses

Section Name	Short Title	Credit
AUT-041-53173	Basic Auto I	3
IND-062-53177	Rigging and Hoisting	1
TEC-043-53176	Safety	1
TEC-090-53175	Education to Careers	3

Spring Courses

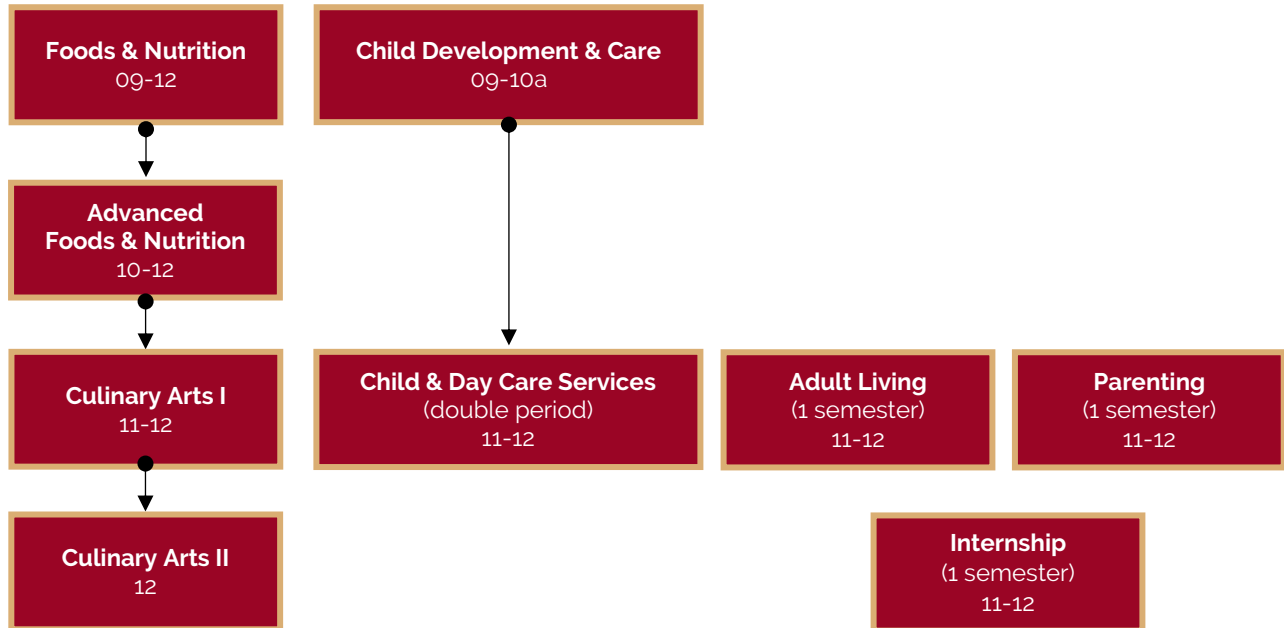
Section Name	Short Title	Credit
AUT-042-53179	Basic Auto II	4
WEL-057-47697	Fundamentals	2.5



FAMILY & CONSUMER SCIENCE DEPARTMENT

FCS Course Sequence

All courses two semesters unless indicated



Family & Consumer Science Careers

- Apparel & Textile Design/Merchandising
- Dietetics
- Education
- Food & Nutrition Sciences
- Human Development & Family Science
- Hospitality
- Interior Design
- Nutrition & Fitness
- Communications
- Consumer Economics & Financial Planning

Foods & Nutrition

Course Code	State Code	Grade	Length	Credit
651-652	16054A001	09, 10, 11, 12	36 weeks	1

Prerequisite: None

This course offers classroom and laboratory experiences to give students an understanding of the basic skills for food preparation, purchase, storage, and budgeting. Emphasis is given to nutrition, weight control & fitness, meal planning, food labeling, convenience foods, preparation equipment, safety & sanitation, recipes & cooking terms, grains, baked products, dairy, meats, poultry, fish, fruits, vegetables, beverages, fast foods, regional/international foods, and careers in foods and nutrition.

Advanced Foods & Nutrition

Course Code	State Code	Grade	Length	Credit
655-656	16054A002	10, 11, 12	36 weeks	1

Prerequisite: Foods & Nutrition

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. These skills will be acquired through laboratory experiences, demonstrations, and commercial food preparation. Units include professional chefs, equipment, safety & sanitation, fruits, vegetables, dairy, seasonings appetizers, salad, sandwiches, grains, soups & sauces, yeast breads, pastries, desserts, baked products, nutrition, and food service careers.

Culinary Arts I

Course Code	State Code	Grade	Length	Credit
657-658	16052A001	11, 12	36 weeks	1

Prerequisite: Foods & Nutrition

This course prepares students for careers in the restaurant, hospitality, and food service industries. This program meets high standards and provides an industry-approved curriculum. Instruction is combined with on-the-job work experience and mentoring by an enthusiastic hospitality professional. Students develop management skills, learn to think on their feet, and use related technology. Units include customer relations; safety and sanitation; kitchen basics; food service equipment; nutrition; breakfast foods; sandwiches; salads; garnishes; business math; fruits and vegetables; and controlling food service costs.

Culinary Arts II

Course Code	State Code	Grade	Length	Credit
659-660	16055A001	12	36 weeks	1

Prerequisite: Culinary Arts I with at least a C grade

This industry-approved and planned course is offered to all students who have successfully completed Culinary Arts I and are interested in preparing themselves for further study in the hospitality field after high school. Instruction and laboratory experience includes history of food service; the lodging industry; the art of service; marketing; purchasing and inventory control; accounting; meat, poultry and seafood; stocks, soups and sauces; potatoes and grains; desserts and baked goods; tourism; and communicating with customers. Instruction is combined with an on-the-job work experience and mentoring by an area restaurant manager.

Child Development & Care

Course Code	State Code	Grade	Length	Credit
661-662	19052A001	09, 10	36 weeks	1

Prerequisite: None

This course provides learning experiences related to the physical, emotional, social, and intellectual development of children from birth through three years of age. Units include living in families, effective parenting skills, teen pregnancy parenthood, prenatal development, preparing for birth, giving birth, baby arrival, and development through the first three years.

Child & Day Care Services[#]

Course Code	State Code	Grade	Length	Credit
665-666	19054A001	10, 11, 12	36 weeks	#2

Prerequisite: *Application approved*

This course is designed to provide students interested in a career in early childhood education, elementary education, or child care occupations with practical training and knowledge needed for the development of job-related skills. It will consist of in-school classroom instruction as well as a specified number of hours of actual experience in a community daycare. Students will be required to provide their own transportation to various centers in the community. Students are expected to plan and prepare lessons for children and help maintain a preschool program. Classroom instruction will include philosophy, management, and the curriculum of preschool programs as well as other types of childcare programs. Some of the instructional units will include: health; safety; positive guidance techniques; operating and developing early childhood programs; types of childcare programs; understanding preschool children, infants, toddlers, and school-aged children; working with special needs children; storytelling; art; math; science; music; language arts; dramatic play; licensing standards; nutrition; observation; and finding employment. Only students with good attendance will be considered for the program. **This class meets daily for 400 minutes each week.**

Adult Living

Course Code	State Code	Grade	Length	Credit
(669)	19251A002	11, 12	18 weeks	0.5

Prerequisite: *None*

Can you survive after CHS? Could you use some practical information that will help you as you move on on your own? Adult Living has just what you need. Learn how to stock your first kitchen with the basics for culinary survival. Sharpen (or develop) your clothing repair skills and learn how to feed yourself and friends without major digestive upset while building and maintaining a better "you". Learn what you need to know to survive your first move away from home and your first illness/injury away from home. Get ideas for finding a job and finding a better relationship with family, friends and significant individuals. Identify your values, develop your goals, sharpen your decision-making skills, plan your fund management to last until payday, and make a plan for next week and beyond.

Parenting

Course Code	State Code	Grade	Length	Credit
(672)	19259A001	11, 12	18 weeks	0.5

Prerequisite: *None*

Emphasis is on helping students gain knowledge and understanding of the principles of human growth and development; the roles, responsibilities, and impact of parenting; and the physical process of prenatal development and birth. Major units are deciding about parenting, prenatal development and pregnancy, preparing for a baby, labor and delivery, caring for the newborn, caring for the infant through the first year, caring for toddlers and preschoolers, daycare, child abuse, helping children face crises, and selecting toys and books for children.

Dual Credit Health Occupations Core of Skills[#]

Course Code	State Code	Grade	Length	Credit
691DC-692DC	14051A001 14002A002	11, 12	36 weeks	#2

Prerequisite: *Students are accepted into the program based on an application process that will include, but not be limited to, regular attendance, academic ability, and compatibility with the student's long-term goals. Dual Credit Offering: Please refer to [page 5](#) for enrollment criteria.*

This course includes classroom, laboratory, and clinical experience to give the student a basic understanding of the concepts and philosophy of health care. The student will gain an understanding of the nature, scope, and diversity of jobs in the health care field through the exploration of over seventy health careers in the hospital and throughout the community. Some basic skills common to most health occupations will be taught, such as vital signs, aseptic technique, and body mechanics. The course will also provide the student with a basic orientation to professionalism and its importance in the delivery of health care. Examples of units of instruction include dentistry, nutrition, medicine, nursing, psychology, and social service. Hands-on clinical opportunities may be selected in obstetrics, pediatrics, physical therapy, exercise therapy, occupational therapy, EKG, EEG, respiratory therapy, and imagining services, to name a few. The student will be assisted in exploring a specific health occupation career based on realistic assessment of personal aptitudes, abilities and interests. **Upon successful completion of the course, the student will be awarded a certificate of Basic Nurse Assistant approved by the Illinois Department of Public Health (if they choose to take the test and pass it).**

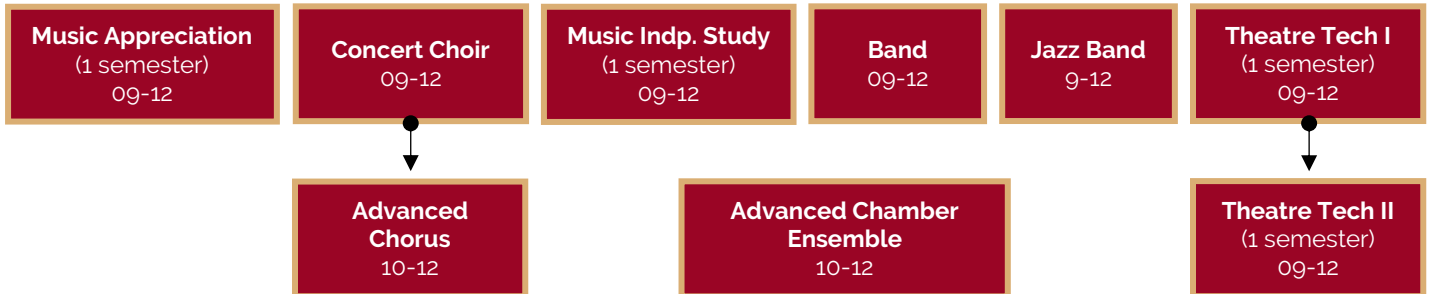
Students will be responsible for providing their own transportation to Sarah Bush Lincoln Health Center as well as paying for their uniforms, shoes, and a specialized liability insurance policy. A tuberculosis (T.B.) skin test and recent physical exam are also required.



MUSIC DEPARTMENT

Music Course Sequence

All courses two semesters unless indicated



Music Careers

- Recording Engineer
- Composer
- Community Arts Manager
- Conductor
- Music Critic
- Instrument Designer
- Instrumentalist
- Performing Arts Administrator
- Retail Music Salesperson
- Synthesist
- Music Therapist
- Vocalist
- Choir Director
- Recreation Arts Coordinator
- Music Publisher
- Music Librarian
- Performing Arts Medicine
- Music Technology
- Music Business

CHS Band

Course Code	State Code	Grade	Length	Credit
701-702	05101A000	09, 10, 11, 12	36 weeks	1

Prerequisite: Previous participation in band or approval of director

Band focuses on the study and performance of various styles of instrumental music through a variety of performing media, critical listening, and analysis. Each ensemble will have opportunities to survey music history, compositional technique, and careers in music. There is a strong emphasis on the development of individual musicianship.

Music Appreciation

Course Code	State Code	Grade	Length	Credit
(711)(712)	05118A000	09, 10, 11, 12	18 weeks	0.5

Prerequisite: None

Music appreciation is designed for students to experience a wide variety of music in this culture and in other cultures. Students will gain a basic fundamental knowledge of the musical elements as well as a historical perspective of composers and their music. Several styles of music, time period, and cultures will be analyzed throughout the course. Social aspects and the importance of music in everyday lives will serve as a foundation for the overall experience in the course. This curriculum is designed to provide students the opportunity to become informed consumers of music and to gain a lifelong appreciation of music.

Music Independent Study

Course Code	State Code	Grade	Length	Credit
(715)(716)	05147A000	09, 10, 11, 12	18 weeks	0.5

Prerequisite: Grade 9 requires instructor approval; Successful completion of 2 credits in music or instructor's approval

Students will select their own field of study within Music. The curriculum will be designed cooperatively with the student. Possible options include but are not limited to Music History, Music Theory, Composition, Solo Performance and Practice Techniques, Music Education, Music Listening and Interpretation, Conducting, Chamber Music, and Jazz Improvisation. Course includes opportunities for off-site course work and research in cooperation with Eastern Illinois University and the community.

Theatre Technology I

Course Code	State Code	Grade	Length	Credit
(717)	05099A000	09, 10, 11, 12	18 weeks	0.5

Prerequisite: None

Theatre Technology is an introductory-level, participatory class designed for students interested in learning the basic elements of technical theatre. Topics of exploration will include theatre safety practices; basic sound and lighting operation and properties; stagecraft; operating front of the house; stage management; publicity; and basic costuming, hair, and makeup design. This is a hands-on class where students will actively be applying the skills they learn to create production elements for CHS productions and/or events. Students will be required to participate in two performances/concerts outside of the school day as part of the CHS stage crew to show mastery of their content knowledge.

Theatre Technology II

Course Code	State Code	Grade	Length	Credit
(718)	05099A000	09, 10, 11, 12	18 weeks	0.5

Prerequisite: Successful completion of Theatre Technology I

Theatre Technology II provides a workshop atmosphere for students to have the opportunity to learn various aspects of technical production by designing and building for shows. Students will work in scenic design and construction, lighting, costumes, sound, front of the house, publicity, makeup design, and stage management. Advanced students will have the opportunity to take on roles of leadership in the roles of crew heads, student designers, and running crews for CHS productions. Students will be required to spend a minimum number of hours after school working on tech crews for after school productions. Please see the instructor for details.

Concert Choir

Course Code	State Code	Grade	Length	Credit
723-724	05110A000	09, 10, 11, 12	36 weeks	1

Prerequisite: None

Concert Choir is the beginning level of a two-level sequence of choral and vocal training. This non-auditioned vocal ensemble provides practical experience in the rehearsal and public performance of choral music in various styles and periods. Classroom instruction is focused on teaching proficiency in music literacy, music theory, sight-singing, music appreciation, and performing with accuracy and expression in a variety of vocal music genres. Students participate in four or more public concerts and festivals per year and have the opportunity to participate in IHSA Solo and Ensemble contest, and/or audition for the IMEA district/all-state choirs. Students must be enrolled for 36 weeks.

Advanced Chorus

Course Code	State Code	Grade	Length	Credit
725-726	05110A000	10, 11, 12	36 weeks	1

Prerequisite: Concert Choir or recommendation of Choral Director

Advanced Chorus is the second of a two-level sequence of choral and vocal training. This select vocal ensemble provides a practical experience in the rehearsal and public performance of collegiate-level choral music in a variety of musical styles and periods. Classroom instruction is concentrated on promoting music appreciation and a greater refinement of previously acquired choral skills such as music literacy, music composition, music theory, sight-singing, and performing with accuracy and expression in a variety of vocal music genres. Students participate in four or more public concerts and festivals and will be required to participate in IHSA Solo and Ensemble contests and audition for IMEA district/all-state choir. Auditions for this ensemble will be held during the spring semester. Students must be enrolled for 36 weeks.

Advanced Chamber Ensemble

Course Code	State Code	Grade	Length	Credit
741-742	05111A000	10, 11, 12	36 weeks	1

Prerequisite: Successful audition for admission to the group; Students enrolled in this course must also be registered in Concert Choir, Advanced Chorus, or Band I, II, III, IV.

This is a select touring ensemble devoted to performance of an eclectic repertoire of choral literature in a variety of voicing combinations (SATB, SSAA, TTBB, etc.). Students will sing collectively as well as be divided into chamber groups which perform works that range in genre from madrigals to contemporary pop/jazz arrangements. This course will focus on the development of solo and ensemble vocal techniques and a wide variety of performance practices and will culminate with several performances throughout the year.

Jazz Band

Course Code	State Code	Grade	Length	Credit
739-740	05105A000	09, 10, 11, 12	36 weeks	1

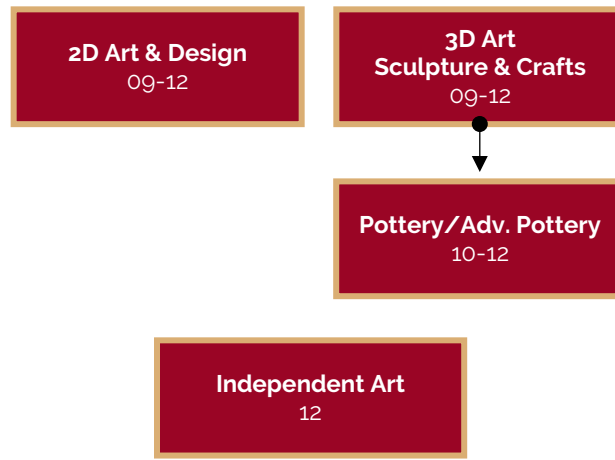
Prerequisite: Successful audition for admission to the group

This course will provide an ensemble setting for Jazz music education and performance. Students will also be exposed to Jazz theory, history, and improvisation techniques.



ART DEPARTMENT

All courses two semesters



Art Careers

Writing/Analytical

- Art Historian
- Art Critic
- Website Owner/Blogger
- Graphic Novel Author

Graphic Design

- Advertising Director
- Logo/Branding Designer
- Magazine Layout Designer
- Typographer

Fashion/Textiles

- Accessory Designer
- Dressmaker
- Embroiderer
- Fashion Designer/Consultant
- Costume Designer
- Fabric/Textile Designer

Spatial Design

- Architect
- Landscape Architect
- Urban Designer
- Interior Designer

3D Product Design

- Industrial/Bridge Designer
- Toy Designer
- Miniature Model Maker/Mock-up Artist
- Prop Designer
- Wood Turner/Carver
- Potter/Ceramic Designer
- Jeweler
- Glass Artist

Photography

- Advertising Photographer
- Fashion Photographer
- Photo Journalist
- Food Photographer

Digital/Multimedia

- Animator
- Digital Illustrator/3D Modeler
- Web Designer
- App Designer
- TV/Film Producer
- Documentary Filmmaker
- Video Game Designer
- Special Effect Designer

Arranging/Display

- Floral Arranger
- Museum Curator
- Personal Stylist
- Gallery Owner

Organization/People Management

- Art Teacher
- Art Therapist
- Art Agent
- Art Dealer

2D Art & Design

Course Code	State Code	Grade	Length	Credit
751D-752D	05155A000	09, 10, 11, 12	36 weeks	1

Prerequisite: None

This course introduces students to a variety of 2D art, media, and methods and prepares the student to potentially go on to develop more advanced skills in drawing and painting. Students will review some of the elements and principles of design to enable them to create more effective, dynamic works of art. Media may include graphite, colored pencils, acrylic, collage, pastels, charcoal, mixed media, printmaking, photography, and digital art. Students will have regular sketchbook assignments designed to build basic skills in addition to projects which will involve increasing amounts of student choice as the year progresses.

3D Art Sculpture & Crafts

Course Code	State Code	Grade	Length	Credit
753D-754D	05158A000	09, 10, 11, 12	36 weeks	1

Prerequisite: None

This course introduces students to a variety of 3D art, media, and methods and prepares the student to potentially go on to develop more advanced skills in pottery, sculpture, and applied arts. Students will review some of the elements and principles of design to enable them to create more effective, dynamic works of art. Media may include clay, found objects, cardboard, wood, metals, fiber arts, glass, papier mache, plaster, stop-motion animation, and more. This course will stress safe use of supplies and materials, as some projects will include hand tools, sharp objects, and/or dust. Students will be expected to keep a sketchbook (any size) in which to plan and take notes.

Pottery & Advanced Pottery

Course Code	State Code	Grade	Length	Credit
757-758	05159A000	10, 11, 12	36 weeks	1

Prerequisite: 3D Art Sculpture & Crafts *recommended* but not required

This is a beginning course in the first semester and an advanced course in the second semester. This course will direct each student toward the study of clay work with the emphasis on both functional and decorative clay forms. First semester students are taught methods of hand building, such as coil, pinch and slab, as well as glaze application and firing processes. Elements of good design are emphasized through the construction of clay objects in order to develop a sense of aesthetics and individual expression within the student. Second semester students are given specific problem-solving assignments which stress elements and principles of design, the use of the potter's wheel, creative glaze applications, and advanced techniques such as spouts, handles, and lids. Aesthetics and individual expression are stressed.

Independent Art

Course Code	State Code	Grade	Length	Credit
759IA-760IA	05197A000	12	36 weeks	1

Prerequisite: Teacher approval and at least 2 years of prior art courses

This course will meet during another course and is mostly self-directed. This course is for the serious art student who is self-motivated. The curriculum is inspired by AP Art, but it does not earn the student AP credit. For year-long students, during the first semester, a student will create art focused on a concentration area to demonstrate mastery. During the second semester, a student will demonstrate a breadth of skills and concepts. Teacher and student will collaborate to set goals, and assessment will be based on meeting goals, weekly reflections, effort/work ethic, growth, and completion of a portfolio.

There is a cap on the number of students who can enroll each period, based on how many students have enrolled in the regular art course offered that same period:

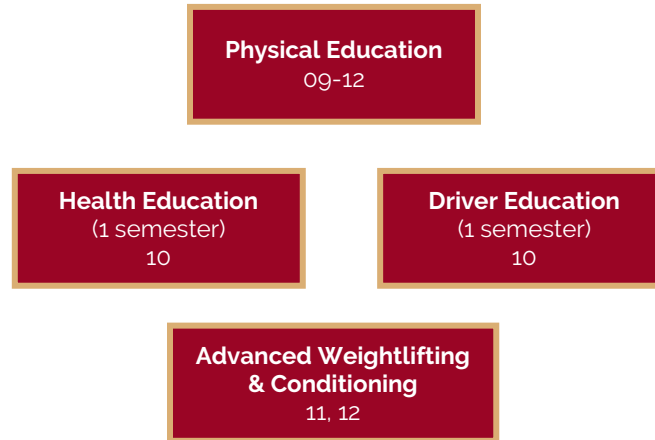
Number Enrolled in that Period's Regular Course	Cap on Independent Art Students
10 or fewer	5
11-15	4
15-20	3
21-24	2
25+	0



PHYSICAL EDUCATION/HEALTH/DRIVER ED DEPARTMENT

PE/Health/Driver Education Course Sequence

Four credits required for graduation



Skills & Interests Developed

- Motor Skills
- Demonstration
- Planning/Strategy
- Team Building/Sportsmanship
- Knowledge of Proper Nutrition
- Interest in Health Issues
- Interest in Physical Activities/Lifetime Fitness

Physical Education Careers

- Athletic Director
- Athletic Trainer
- Camp Director
- Cardiac Rehabilitator
- Chiropractor
- Coaching
- Dance
- Dietetics
- Emergency Medical Technician
- Exercise Physiologist
- Fitness Communication
- Fitness Specialist
- Health Education Teacher
- Nutrition Specialist
- Occupational Therapist
- Park Manager
- Personal Trainer
- Physical Therapist
- Physical Therapist Assistant
- Prison Recreation Specialist
- Professional Sports Referee
- Professional Sports Scout
- Professional Sports Umpire
- Recreation
- Safety Education
- Social Director
- Sports Agent
- Sports Communication
- Sports Management
- Sports Marketing
- Sports Medicine
- Sports Psychologist
- Strength Conditioner
- Therapeutic Recreation

Health Education

Course Code	State Code	Grade	Length	Credit
(801)(802)	08051A000	10	18 weeks	0.5

Prerequisite: None

Health Education is an integral part of the Charleston High School education program. The health material presented to the students aids them in developing a better understanding of physical, mental, and social aspects of human life. The material will be directed toward young adults in preparation for life experiences involving health problems now and upon graduation from high school. Units include nutrition, fitness, infectious disease, chronic disease, growth and development, mental health, public health, consumer health, and select areas of interest to explore.

Driver Education

Course Code	State Code	Grade	Length	Credit
(805)(806)	08152A000	10	18 weeks	0.5

Prerequisite: Passed eight classes the previous two semesters combined and at least 15 years old

Driver and traffic safety education is a two-phase course, which is offered as a separate semester course. Persons entering the course must be a sophomore or at least 15 years of age. The first phase consists of 30 hours of classroom, which is a required course. This will include traffic laws and rules that regulate and assist in the formulation of strategy for movement which are learned and followed in a more effective manner when they are studied in the content of the text. The second phase consists of 6 hours of on-the-road experience with a dual control car and instructor. Dual-control driving refers to practice driving with an instructor in the car under various traffic conditions. Upon satisfactory completion of this phase of instruction, an "S" will be reflected on the student's report card. Unsatisfactory completion will be designated by a grade of "U" (unsatisfactory). In summary, the main goal is to save lives. This instruction provides the student with the knowledge of laws and rules and motor skills coordination to make them a conscientious driver with the ability to drive defensively. Units include: highway transportation system; rules of the road; vehicle control within natural laws; learning basic car control; IPDE and driving strategies; qualifying physically; emotional effect on driving; driving on open highway; alcohol, drugs and driving; buying and insuring a car; expressway driving; motorcycle safety; driving in towns and cities; driving in adverse conditions; obeying traffic controls; handling emergencies; owning and maintaining a car; and distracted driving.

Students must have 50 hours of driving supervised by a parent or guardian. Ten of these hours must be night driving. This documentation must be signed by a parent or guardian and presented to the driver training facility when securing the driver's license.

A student who earns a combined final grade of A or B in an accredited high school driver education program, passes an approved road test, and obtains parental approval may be granted a "Cooperative Driver Testing Certificate". The certificate will expire on the same day as the student's current instruction permit. The student must present the "Cooperative Driver Testing Certificate" where, subject to a spot check provision, a driver's license will be issued.

Passing only the classroom phase is required for graduation.

New legislation pertaining to permits and Graduated Drivers Licensing includes:

- Permit phase of 9 months
- Curfew for drivers up to 17 years. (10:00 pm weekdays, 11:00 weekends, with exceptions for driving with an adult, to or from work, and emergencies)
- A 12-month period limiting a GDL driver under 18 to only 1 unrelated passenger under 20 (excluding siblings)
- Ticketing for ALL passengers age 15-20 in a car driven by a new driver
- Requires 6 hours BTW with instructor
- Requires 6 months violation free driving before age 18 to become eligible for unrestricted GDL license (total of 15 months violation free with permit phase)
- New sanctions for street racing, and strong sanctions for repeat violators under 21

Physical Education (FR/SO; JR/SR)

Course Code	State Code	Grade	Length	Credit
815-816; 825-826	08001A000	09, 10, 11, 12	36 weeks	1

Prerequisite: Concert Choir or recommendation of Choral Director

This course is a core program. The student will gain basic skills and knowledge with some intermediate and advanced skills. A mixture of individual, lifetime, and some team sports will be offered. Some units may not be offered annually. Units include golf, tennis, badminton, volleyball, wrestling, basketball, softball, pickle ball, and floor hockey. Physical fitness instruction and fitness testing will be included in the curriculum.

Advanced Weightlifting/Conditioning

Course Code	State Code	Grade	Length	Credit
(837)(838)	08009A000	11, 12	36 weeks	1

Prerequisite: *Prior to enrollment, the student must have participated in at least one CHS athletic program. Priority enrollment will go to seniors and multisport athletes.*

The curriculum for advanced weightlifting is designed to help condition athletes during their respective season(s) and off-season(s). There will be a focus on weightlifting and conditioning that is more rigorous than regular Physical Education. This curriculum will provide physical opportunities that will increase flexibility, strength, agility, and cardiovascular endurance that can/will be specific to their sport.

English

Reading

Course Code	State Code	Grade	Length	Credit
C003AL-C004AL	01067000	09	36 weeks	1

Prerequisite: Recommendation of the IEP team

This course is designed to fulfill IEP goals of students enrolled. Enrollment in this course will be required of some entering freshmen not meeting state standards in reading as measured by a combination of their MAP test reading scores, reading assessment scores, course grades and teacher observation. This course is designed to help students increase their reading comprehension, reading fluency, vocabulary development, and corresponding writing, listening, and study skills. This course does not count towards the required English graduation credits. It does count as an elective credit.

English I

Course Code	State Code	Grade	Length	Credit
901-902	01001A000	09	36 weeks	1

Prerequisite: Recommendation of the IEP team

This course is available to students who have been identified as having an IEP. The course parallels content presented in the English I curriculum offered at CHS. The emphasis of the first semester is a study of grammar basics as an aid to writing; a review of the writing process, and compare/contrast essays. Students will also study and utilize vocabulary appropriate for their grade level. In terms of literature, students will be introduced to selected readings from Greek mythology and the study of non-fiction. The emphasis of second semester will include a study of the elements of fiction in short stories and novels. In terms of writing, students will receive comprehensive instruction in narrative writing. Students are required to complete and demonstrate knowledge of a minimum of two novels a year for out-of-class reading.

English II

Course Code	State Code	Grade	Length	Credit
907-908	01002A000	10	36 weeks	1

Prerequisite: Recommendation of the IEP team

This course is available to students who have been identified as having an IEP. The course parallels content presented in the English II curriculum offered at CHS. Literature studies will include Shakespearean drama, modern drama, and poetry. Students will write definitions/classifications, and a cause-effect essay. Students will read *Julius Caesar* and *You Can't Take It with You*. The focus of the second semester will be to write a researched persuasive essay and present speeches. The literary focus will be on a thematic unit. In both semesters, attention is given to thesis statements, transitions, verb phrases and a grammar review. Students are required to complete and demonstrate knowledge of a minimum of two novels a year for out-of-class reading.

English III

Course Code	State Code	Grade	Length	Credit
909-910	01003A000	11	36 weeks	1

Prerequisite: Recommendation of the IEP team

This course is available to students who have been identified as having an IEP. The course parallels content presented in the English III curriculum offered at CHS. The course will present a chronological approach to the study of American literature from Colonial times to Romanticism during first semester, and from Romanticism to the present during second semester. The student will analyze and interpret American prose, poetry and drama. The writing emphasis will be on writing five-paragraph compositions including persuasive, process analysis, and narrative. Students will also study grammar, vocabulary, and both forms of outlining. Students will have a reading assignment in class and one work of fiction or nonfiction out of class.

English IV

Course Code	State Code	Grade	Length	Credit
911-912	01004A000	12	36 weeks	1

Prerequisite: Recommendation of the IEP team

This course will emphasize the study and analysis of literature with a focus on British texts and primary sources. Each quarterly thematic unit will require students to write a minimum of one essay incorporating textual evidence that is cited in a proper manner. The thematic units will focus on the analysis of multiple texts for two or more themes.

English

English I

Course Code	State Code	Grade	Length	Credit
C115S-C116S	01001A000	09	36 weeks	1

Prerequisite: Recommendation of the IEP team

This course is designed to fulfill IEP goals of students enrolled. The primary focus is on building reading comprehension. The writing goal is to develop functional skills for out-of-school settings. Additional topics to be covered may include vocabulary building, sentence writing, and language use.

English II

Course Code	State Code	Grade	Length	Credit
C117-C118	01002A000	10	36 weeks	1

Prerequisite: Recommendation of the IEP team

This course is designed to fulfill IEP goals of students enrolled. The primary focus is on building reading comprehension. The writing goal is to develop functional skills for out-of-school settings. Additional topics to be covered may include vocabulary building, sentence writing, and language use.

English III

Course Code	State Code	Grade	Length	Credit
C119-C120	01003A000	11	36 weeks	1

Prerequisite: Recommendation of the IEP team

This course is designed to fulfill IEP goals of students enrolled. The primary focus is on building reading comprehension. The writing goal is to develop functional skills for out-of-school settings. Additional topics to be covered may include vocabulary building, sentence writing, and language use.

Communications (English IV)

Course Code	State Code	Grade	Length	Credit
955-956	01004A000	12	36 weeks	1

Prerequisite: Recommendation of the IEP team

This course is designed for students with an IEP. The class will provide an opportunity for students to write for real or potentially real situations in academic, professional, and civic contexts. Students will read age-appropriate materials with fluency and accuracy. The class will discuss and evaluate motive, resulting behaviors, and consequences demonstrated in literature. They will analyze how authors use text to emphasize their ideas. The students will use verbal and non-verbal strategies to improve communication and to solve individual, group, and workplace conflict.

Math

Pre-Algebra

Course Code	State Code	Grade	Length	Credit
921-922	02051A000	09, 10, 11, 12	36 weeks	1

Prerequisite: Testing and IEP team recommendations will determine placement in Math

This course is available to students who have been identified as having an IEP. Pre-Algebra courses increase students' foundational math skills and prepare them for Algebra I by covering a variety of topics, such as properties, rational numbers (i.e., number theory), ratios, proportion, estimation, exponents and radicals, the rectangular coordinate system, sets and logic, formulas, and solving first-degree equations and inequalities.

Algebra I

Course Code	State Code	Grade	Length	Credit
927-928	02052A000	09, 10, 11, 12	36 weeks	1

Prerequisite: Testing and IEP team recommendations will determine placement in Math

This course is available to students who have been identified as having an IEP. Algebra I courses include the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first degree equations and inequalities; translating word problems into equations; operations with and factoring polynomials; and solving simple quadratic equations.

Math

Geometry

Course Code	State Code	Grade	Length	Credit
947-948	02072A000	10, 11, 12	36 weeks	1

Prerequisite: Recommendation of the IEP team and Algebra I

This course is available to students who have been identified as having an IEP and have passed Algebra I. Geometry courses, emphasizing an abstract, formal approach to the study of geometry, typically include topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles.

Transition Algebra

Course Code	State Code	Grade	Length	Credit
929-930	02055A000	11, 12	36 weeks	1

Prerequisite: Algebra I, Geometry, and Recommendation of the IEP team

This course is available to students who have been identified as having an IEP. Transition Algebra courses review and extend algebra and geometry concepts for students who have already taken Algebra I and Geometry. Transition Algebra courses include a review of such topics as properties and operations of numbers; evaluation of rational algebraic expression; solutions and graphs of first-degree equations and inequalities; translation of word problems into equations; operations with and factoring of polynomials; simple quadratics; properties of plane and solid figures; rules of congruence and similarity; coordinate geometry including lines, segments, and circles in the coordinate plane; and angle measurement in triangles including trigonometric ratios.

Algebra Concepts

Course Code	State Code	Grade	Length	Credit
C107-c108	02001A000	09, 10, 11, 12	36 weeks	1

Prerequisite: Recommendation of the IEP team

The course emphasizes a practical approach to the study of algebra. Topics include study of real numbers, equations and inequalities, graphs of linear equations, exponents and polynomials, factoring, literal equations, and practical word problems.

Geometry Concepts

Course Code	State Code	Grade	Length	Credit
C109-C110	02002A000	10, 11, 12	36 weeks	1

Prerequisite: Recommendation of the IEP team

Informal Geometry courses emphasize a practical approach to the study of geometry and de-emphasize an abstract, formal approach. Topics typically include properties of and work with plane and solid figures; inductive methods of reasoning and use of logic; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles.

Consumer Math

Course Code	State Code	Grade	Length	Credit
C109-C110	02157A000	11, 12	36 weeks	1

Prerequisite: Recommendation of the IEP team

Consumer Math courses reinforce general math topics, such as arithmetic using rational numbers, measurement, ratio and proportion, and basic statistics, and apply these skills to consumer problems and situations. Applications typically include budgeting, taxation, credit, banking services, insurance, buying and selling products and services, home and/or car ownership and rental, managing personal income, and investment.

Business Math

Course Code	State Code	Grade	Length	Credit
C113-C114	02154A000	12	36 weeks	1

Prerequisite: Recommendation of the IEP team

Business Math courses reinforce general math skills, emphasize speed and accuracy in computations, and use these skills in a variety of business applications. Business Math courses reinforce general math topics (arithmetic, measurement, statistics, ratio and proportion, exponents, formulas, and simple equations) by applying these skills to business problems and situations. Applications might include wages, hourly rates, payroll deductions, sales, receipts, accounts payable and receivable, financial reports, discounts, and interest.

Social Studies

Modern European History

Course Code	State Code	Grade	Length	Credit
(C130T2)	04055A000	10	18 weeks	0.5

Prerequisite: Recommendation of the IEP team

This course is available to students who have been identified as having an IEP. The course parallels content presented in the curriculum offered at CHS. This is a one semester required course for sophomores, which begins at the French Revolution period and traces events and personalities to the Cold War. This course will emphasize the dominant nations of Europe. The purpose of this course is to relate events, personalities, movements, and social-political concepts of European history to their impact on the world in general and to the United States in particular.

American Government (Civics)

Course Code	State Code	Grade	Length	Credit
C139-C140	04161A000	10, 11, 12	36 weeks	1

Prerequisite: Recommendation of the IEP team

Description: This course is designed to meet the civics graduation requirement for students with an IEP who require a slower pace and more repetition than is allowed in a single semester. The course parallels the content provided in the Civics curriculum at CHS. Students will explore the federal and state levels of government, including the development of the Constitution, the legislative, executive and judicial branches, and the amendments. In addition, students will discuss current events to better understand the Constitution in action. Students will be required to pass both state and federal Constitution tests as mandated by the Illinois State Legislature.

American History

Course Code	State Code	Grade	Length	Credit
C131-C132	04102A000	10, 11, 12	36 weeks	1

Prerequisite: Recommendation of the IEP team

This course is designed to fulfill IEP goals of students enrolled. The primary goal is to improve reading and listening comprehension skills, build vocabulary, and develop a basic understanding of the country's history.

Biology I

Course Code	State Code	Grade	Length	Credit
C167T-C168T	03051A000	09	36 weeks	1

Prerequisite: Recommendation of the IEP team

This course is available to students who have been identified as having an IEP. The intent of biology is to open the door to a lifetime of understanding of and appreciation for nature. This course will stress critical thinking skills and show how biology relates to everyday living. It will also provide a variety of opportunities to develop and practice the art of "doing science". Units of study include characteristics of living things, chemical basis of living things (atoms and molecules), cytology (study of cells), heredity and genetics, the history of living organisms, taxonomy (classification of living things), plants, animals, dynamics of ecosystems (interactions between living organisms and their surroundings), reproduction, current (controversial) science issues, and environmental awareness.

Science

Physical Science

Course Code	State Code	Grade	Length	Credit
C961-C962	03159A000	10, 11, 12	36 weeks	1

Prerequisite: Recommendation of the IEP team

This course is available to students who have been identified as having an IEP. This course is designed to give students an introduction to the physical sciences: chemistry, physics (work, forces, electricity, and magnetism), and Earth Science (geology and weather). The students will do a variety of labs to help with understanding of the key components of the coursework. This course will require the students to gain knowledge through the collection of data and manipulation of that data in graph form using Excel and then analyzing that data to draw conclusions.

Electives

Specialized Vocational Education (SVE) Class

Course Code	State Code	Grade	Length	Credit
941-942	22152A000	10, 11, 12	36 weeks	1

Prerequisite: Recommendation of the IEP team; Students must be 16 years of age

Specialized Vocational Training is a program that combines vocational instruction with work experience. Students receive instruction about where to seek employment, how to apply for work, and what skills are necessary to maintain employment. Classroom instruction includes topics such as money management and consumer problems. Units include vocational development, applications and interviews, employer-employee relationship, self-inventory, personal effectiveness, money management, buying goods and services, understanding taxation, and insurance.

Specialized Vocational Education (SVE) Work

Course Code	State Code	Grade	Length	Credit
943-944	22153A000	10, 11, 12	36 weeks	1

Prerequisite: Recommendation of the IEP team

This course is the related work experience program. Students must be enrolled in the specialized vocational training class to receive credit for their work experience.

Independent Living Skills

Course Code	State Code	Grade	Length	Credit
967-968	22207A000	11, 12	36 weeks	1

Prerequisite: Recommendation of the IEP team

This course is designed to be an elective which focuses on the skills necessary for a person to successfully live independently. Its purpose is to meet the transition needs of students with IEPs. Units covered could include: finding housing, understanding a lease, responsibilities of both landlord and renter, moving, safety and avoiding accidents; setting up utilities, maintaining a home, meal planning and shopping, laundry, negotiating public transportation, scheduling appointments, and basic first aid.

Career Explorations

Course Code	State Code	Grade	Length	Credit
(989)(990)	22151A000	11, 12	36 weeks	1

Prerequisite: Recommendation of the IEP team

This course is available to students who have been identified as having an IEP and is designed to meet individualized transition plans to accomplish postsecondary goals. Emphasis will be placed on self-advocacy and self-determination in researching and pursuing their postsecondary goals. Topics covered will include, but are not limited to, taking notes in a college or training setting, using the internet to look up specific information on colleges or training programs unique to each student, investigating cost of college services and living expenses, completing a FAFSA form, exploring SSI benefits, seeking financial aid for postsecondary education or training, and exploring two or more career options including the salary, education required, characteristics of the profession, and current job availability. Students will complete college or additional training applications, be encouraged to make college campus visits, and communicate with the college Office of Disabilities via email. Additional units will address housing, transportation, insurance, medical needs, and legal responsibilities. This course may be taken one or both semesters each year.

COURSE DESCRIPTIONS

IEP OPTIONS/FUNCTIONAL PROGRAM

The functional program is a curriculum that focuses on skills that build independence, including functional academics. This program is a non-diploma track with classes being offered as pass/fail in the areas of Community Based, English, Math, Social Studies, and Science.

Functional Community Based

Course Code	State Code	Grade	Length	Credit
991-992	22209A000	09, 10, 11, 12	36 weeks	1

The emphasis of this class is to allow students to develop the skills needed to interact with their community and their peers. Instruction will focus on social skills, life skills, community skills, computer skills, shopping skills, vocational skills, wellness skills and conversation skills while also providing an opportunity to work on individual IEP goals. The class is pass/fail and does not count toward graduation requirements. The class spans three class periods.

Functional English

Course Code	State Code	Grade	Length	Credit
C003F-C004F	01999A000	09, 10, 11, 12	36 weeks	1

Functional English is a balance of reading and writing for the real world. The emphasis of this class will be meeting each student's individual IEP goals through the introduction of classic and modern novels, short stories, and vocabulary needed for everyday life. Word recognition, which involves repeated exposure to target words, will be taught through activities in the following categories: Fast Food/Restaurant Words, Grocery Words, Job/Work Words. Functional vocabulary and generalization of reading skills will be applied in social settings. This class is pass/fail and does not count toward graduation requirements. (Four-year Curriculum)

Functional Math

Course Code	State Code	Grade	Length	Credit
C105F-C106F	02999A000	09, 10, 11, 12	36 weeks	1

The emphasis of this class is to meet each student's individual IEP goals while teaching the basic math skills needed to attain independence. Instruction will focus on identifying and using money, number sense, basic operations and algebraic concepts in real-world settings including home, work, and the community. This class is pass/fail and does not count toward graduation requirements. (Four-year Curriculum)

Functional Social Studies

Course Code	State Code	Grade	Length	Credit
C141F-C142F	04305A000	09, 10, 11, 12	36 weeks	1

The purpose of this class is to allow students to be introduced to places around the world and to world history. Students will explore information from different periods of time, from early man to modern times. This class is pass/fail and does not count toward graduation requirements.

Functional Science

Course Code	State Code	Grade	Length	Credit
C961F-C962F	03999A000	09, 10, 11, 12	36 weeks	1

The purpose of this class is to allow students to develop an understanding of basic science, interpreting graphs and tables, as well as the proper handling of lab equipment, which will be emphasized through hands-on experiences. Units covered will include weather, plants, animals, photosynthesis, molecules, cells, and the human body and its functions. This class is pass/fail and does not count toward graduation requirements. (Two-year Curriculum)

Health

Course Code	State Code	Grade	Length	Credit
(C133T)(C134T)	08051A000	09, 10, 11, 12	18 weeks	0.5

Prerequisite: Recommendation of the IEP team

This course is designed to fulfill the IEP goals of the students involved. Its purpose is to improve daily living/independent functioning skills through exposure to units in personal hygiene, prevention and control of diseases, nutrition, dental health, basic first aid, and obtaining routine and emergency medical health.

Rules of the Road for Pedestrians

Course Code	State Code	Grade	Length	Credit
(C805)(C806)	08199A000	10, 11, 12	18 weeks	0.5

Prerequisite: Recommendation of the IEP team

Description: This course is designed to meet the Driver Education instruction graduation requirement of students who will never take Driver Education due to the severity of their disability. The focus will be on understanding the basic rules of the road from a pedestrian's standpoint to increase student's ability to navigate the roads safely, bicycle safety, and public transportation.