

2019-2020

Lamoni Community Schools

High School Curriculum Guide

Welcome

This registration book has been prepared to help students and parents to be better acquainted with the course offerings at Lamoni High School and to provide information to assist in the selection of courses.

The student is advised to study this manual so he/she can do a better job of planning each year's schedule.

The school urges students' careful consideration of the selection of subjects at this time. Parents who have questions about information contained in this book should call the school at 784-3351 to make an appointment to discuss the matter.

Grades in all classes count toward graduation, eligibility, honor roll, class rank (which is based on percentage average) and grade-point average.

Class rank is based on a percentage score average of all semester grades. Classes receiving 1/2 credit are weighted accordingly. Each student's updated percentage and resulting rank in class will be available in the counselor's office following each semester.

Each student's grade point average is figured using semester grades and is based on a 4 point scale. An A=4, B=3, C=2, D=1, F=0. Classes receiving 1/2 credit are weighted accordingly. Each student's cumulative updated grade point average will be available in the counselor's office following each semester.

The following conversion will be used for PSEO and other classes earning a letter grade which are transferred to Lamoni unless the percentage grade is available. These grades will be converted to percentages in the following manner for figuring class rank: An A+=98%, A=95%, A-=92%, B+=88%, B=85%, B-=82%, C+=78%, C=75%, C-=72%, D+=68%, D=65%, D-=62%, and an F=59%.

Graduation Requirements

A student must earn a total of 50 academic credits in order to graduate from Lamoni High School. A credit is defined as a course taken for eighteen weeks (one semester). A student must take the correct number of courses in order to meet the requirements for graduation. Some of the courses are “required.” That is, all students must take them in order to graduate from high school. These requirements have been established by the Iowa Department of Education and our local Board of Education as an educational framework for all high school students. Required courses for graduation include the following:

Course Area		Credits	Total
English		8	10
	Literature	1	
	Language Arts Laboratory	1	
Math		6	6
Science		6	6
Social Studies		2	6
	Modern US History	2	
	US Government	1	
	Economics	1	
Fine Arts		4	4
Practical Arts			9
	Physical Education	4	
	Health	1	
	Child Development / Parenting	1	
	Family and Interpersonal Relationships	1	
	Arts, Communications and Information Systems Electives	2	
Electives		9	9
			50
**All courses are HS or Post-Secondary approved courses			

Suggested classes for preparation to attend a Community or Vocational Technical School

9th Grade

Integrated Math I or Algebra I
English I*
Language Arts Laboratory*
Modern U.S. History*
Integrated Science I*
Integrated Science I Lab*
Health I* / Physical Education I* & Weight Training I*
Arts, Communications and Information Technology Elective*
Fine Arts Elective*
Electives

10th Grade

Informal Geometry or Geometry
English II*
World Geography* or World History*
Integrated Science II*
Literature* / Physical Education II* & Weight Training II*
Fine Arts Elective *
Electives

11th Grade

Integrated Math II, Algebra I, or Algebra II
English III*
Family and Interpersonal Relationships*
Earth Science / Astronomy, Advanced Biology or Chemistry I
Health II* / Team Sports* & Fitness and Conditioning*
Fine Arts Elective*
Electives

12th Grade

Communication I & II*, or English Composition* & English Literature*
US Government / Economics*
Fine Arts Elective*
Child Development & Parenting* / Individual Sport* & Recreational Sports*
Electives
Arts, Communications and Information Technology Elective*

*** Courses Required by the Lamoni Board of Education.**

It is required that students take a minimum of three years of science and mathematics. Three years of each are required for admittance to a state university.

Suggested classes for preparation to attend a four-year institution of higher learning after graduation

9th Grade

Integrated Math I or Algebra

English I*

Language Arts Laboratory*

Modern U.S. History*

Integrated Science I*

Integrated Science I Lab*

Spanish I

Health I* / Physical Education I* & Weight Training I

Arts, Communications and Information Technology Elective*

Fine Arts Elective*

Electives

10th Grade

Geometry or Informal Geometry

English II*

World Geography* or World History*

Integrated Science II*

Spanish I or II

Literature* / Physical Education II* & Weight Training II*

Fine Arts Elective*

Electives

11th Grade

Algebra II, Algebra I or Integrated Math II

English III*

Psychology & Sociology

Advanced Biology or Advanced Chemistry

Spanish II or III

Relationships*

Health II* / Team Sports* & Fitness and Conditioning*

Fine Arts Elective*

Electives

12th Grade

English IV* or English Composition* & English Literature*

Pre-Calculus

Anatomy & Genetics or Physics

Arts, Communications and Information Technology Elective*

Economics* & US Government*

Spanish III or IV

Child Development & Parenting* / Individual Sport* & Recreational Sports*

Fine Arts Elective*

* Courses Required by the Lamoni Board of Education.

It is required that students take a minimum of three years of science and mathematics. Three years of each are required for admittance to a state university.

Course Offerings

High School

HS English				
Code	Required	Name	Credits	
1001	*	English/Language Arts I	2	
1002	*	English/Language Arts II	2	
1003	*	English/Language Arts III	2	
1004		English/Language Arts IV	2	Recommended for College
1051	*	English/Literature (Freshman and Sophomores)	1	
1052		English/Literature (Juniors and Seniors)	1	
1102		English/Composition (Juniors and Seniors)	1	
1009	*	Language Arts Laboratory	1	
1155		Communications I	1	Yearbook / Newspaper
1155		Communications II	1	Yearbook / Newspaper
1997		English Language and Literature - Independent Study	1 or 2	
			14 or 15	
HS Mathematics				
Code	Required	Name	Credits	
2052		Algebra I	2	
2056		Algebra II	2	
2062		Integrated Mathematics I	2	
2063		Integrated Mathematics II	2	
2071		Informal Geometry	2	
2072		Geometry	2	
2110		Pre-Calculus	2	
2997		Mathematics - Independent Study	1 or 2	
			15 or 16	
HS Science				
Code	Required	Name	Credits	
3001		Earth Science	1	18/19 only
3003		Environmental Science	1	19/20 and on
3004		Astronomy	1	

3052		Biology - Advanced Studies	2	
3054		Anatomy	1	
3059		Genetics	1	
3101		Chemistry	2	18/19 only
3102		Chemistry - Advanced Studies	2	
3151		Physics	2	
3201	*	Integrated Science I	2	
3201	*	Integrated Science I Lab		
3201	*	Integrated Science II	2	
3212		Scientific Research and Design	1	
3997		Life and Physical Science - Independent Study	1 or 2	
			16 or 17	

HS Social Studies

Code	Required	Name	Credits	
4001		World Geography	2	
4051		World History - Comprehensive	2	
4103	*	Modern US History	2	
4151	*	US Government - Comprehensive	1	
4201	*	Economics	1	
4258		Sociology	1	
4254		Psychology	1	
4997		Social Studies and History - Independent Study	1 or 2	
			11 or 12	

HS Fine Arts - Music

Code	Required	Name	Credits	
5102		Concert Band	2	
5104		Orchestra	1 or 2	
5110		Chorus	1 or 2	
5118		Music Appreciation	1	
5147		Music - Independent Study	1 or 2	
			5 to 9	

HS Fine Arts - Visual

Code	Required	Name	Credits	
5151		Art Appreciation	1	

5154		Creative Art - Comprehensive	1	
5156		Creative Art - Drawing I	1	
5156		Creative Art - Drawing II	1	
5157		Creative Art - Painting I	1	
5157		Creative Art - Painting II	1	
5158		Creative Art - Sculpture	1	
5170		Art Portfolio	1	
5197		Visual Art - Independent Study	1 or 2	
5995		Fine and Performing Art - Aide	1 or 2	
			9 to 12	

HS Physical, Health and Safety Education

Code	Required	Name	Credits	
8001	*	Physical Education I	0.5	
8001	*	Physical Education II	0.5	
8002	*	Team Sports	0.5	
8003	*	Individual/Dual Sports	0.5	
8004	*	Recreation Sports	0.5	
8005	*	Fitness/Conditioning Activities	0.5	
8009	*	Weight Training I	0.5	
8009	*	Weight Training II	0.5	
8014		Physical Education Equivalent	0.5	
8047		Physical Education - Independent Study	0.5	
8051	*	Health Education I	1	
8051	*	Health Education II	1	
8097		Health Education - Independent Study	.5 or 1	
8152		Drivers' Education - Classroom and Laboratory	1	
8197		Drivers' Education - Independent Study	1	
			9.5 or 10	

HS Practical Arts - Computer and Information Sciences

Code	Required	Name	Credits	
10004		Computer Applications	1	
10152		Computer Programming	1	
10201		Web Page Design	1	
10203		Interactive Media	1	

10997		Computer & Information Sciences - Independent Study	1 or 2	
			5 or 6	
HS Practical Arts - Communication and Audio/Visual Technology				
Code	Required	Name	Credits	
11151		Digital Media Technology	1	
11153		Digital Media Design and Production	1	
11997		Communication & Audio/Visual Technology - Independent Study	1 or 2	
			3 or 4	
HS Practical Arts - Business and Marketing				
Code	Required	Name	Credits	
12051		Introductory Business	1	
12053		Entrepreneurship	1	
12104		Accounting	1	
12997		Business and Marketing - Independent Study	1 or 2	
			4 or 5	
HS Practical Arts - Manufacturing				
Code	Required	Name	Credits	
13202		Metalworking	1	
13207		Welding I	1	
13207		Welding II	1	
13208		Particular Topics in Welding	1	
			4	
HS Practical Arts - Health Care Sciences				
Code	Required	Name	Credits	
14001		Exploration of Health Care Occupations	1	
14154		Medical Terminology	1	
14253		Pharmacology	1	
14995		Health Care Sciences - Aide	1	
14055		Emergency Medical Technology	1	
			5	

HS Practical Arts - Hospitality and Tourism				
Code	Required	Name	Credits	
16052		Foods I	1	
16053		Foods II	1	
16997		Hospitality and Tourism - Independent Study	1 or 2	
			3 or 4	
HS Practical Arts - Architecture and Construction				
Code	Required	Name	Credits	
17002		Construction - Comprehensive	1	
17002		Construction - Comprehensive Lab	1	
17003		Carpentry	1	
17003		Carpentry Lab	1	
			4	
HS Practical Arts - Agricultural, Food and Natural Resources				
Code	Required	Name	Credits	
18001		Introduction to Agriculture and Natural Resources	2	
18051		Plant Production / Science	1	
18052		General Horticulture	1	
18055		Soil Science	1	
18101		Animal Production / Science	1	
18102		Small Animal Care	1	
18103		Large Animal Care	1	
18201		Agribusiness Management	1	
18402		Agriculture Mechanics & Equipment	1	
18403		Agriculture Structures	1	
18504		Natural Resources Management	1	
18997		Agriculture, Food & Natural Resources - Independent Study	1 or 2	
			13 or 14	
HS Practical Arts - Human Services				
Code	Required	Name	Credits	
19201		Clothing and Textiles	1	
19203		Apparel Construction I	1	

19203		Apparel Construction II	1	
19205		Home Furnishings	1	
19247		Apparel and Furnishings - Independent Study	1 or 2	
19254		Food Science	1	
19255		Child Development / Parenting	1	
19259		Family and Interpersonal Relationships	1	
			8 to 9	
HS Practical Arts - Transportation, Distribution and Logistics				
Code	Required	Name	Credits	
20053		Aviation	1	
			1	
HS Miscellaneous				
Code	Required	Name	Credits	
22004		Dropout Prevention Program	1	
22006		Study Hall	0	
22151		Career Exploration	1	
			2	
HS Foreign Language				
Code	Required	Name	Credits	
24052		Spanish I	2	
24053		Spanish II	2	
24054		Spanish III	2	
24055		Spanish IV	2	
24997		World Language and Literature - Independent Study	1 or 2	
***		Others Available via Online Course Offerings	2	
			11 or 12	

ENGLISH (10 Semesters Required)

01001 English/Language Arts I
9, 10, 11, 12

English/Language Arts I courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually include the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses introduce and define various genres of literature, with writing exercises often linked to reading selections.

01002 English/Language Arts II
10, 11, 12

English/Language Arts II courses usually offer a balanced focus on composition and literature. Typically, students learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi-paragraph essays and compositions. Through the study of various genres of literature, students can improve their reading rate and comprehension and develop the skills to determine the author's intent and theme and to recognize the techniques used by the author to deliver his or her message.

01003 English/Language Arts III
11, 12

English/Language Arts III courses continue to develop students' writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and begin to learn the techniques of writing research papers. Students continue to read works of literature, which often form the backbone of the writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses.

01004 English/Language Arts IV
12

English/Language Arts IV courses blend composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature, continuing to develop their language arts skills. Typically, students primarily write multi-paragraph essays, but they may also write one or more major research papers.

01051 English/Literature I
10, 11, 12

English/Literature (freshman and sophomores) courses are designed for freshmen and/or sophomores and typically introduce them to two or more genres of literature (novel, short story, poetry, and so on). Exploration of each genre's literary elements; determination of theme and intent; and examination of vocabulary and semantics are often included in the course content. Writing assignments are required as an additional method to improve understanding and comprehension.

01052 English/Literature II
11, 12

English/Literature (juniors and seniors) courses are designed for juniors and/or seniors and emphasize comprehension, discernment, and critical-thinking skills in the reading of texts and literature. These courses introduce and explore more advanced literary techniques (irony, satire, humor, connotation, tone, rhythm, symbolism, and so on) through two or more literary genres, with the aim of creating sophisticated readers. Writing assignments are required as an additional method to develop and improve critical-thinking and analytic skills.

01102 English/Composition
11, 12

English/Composition (juniors and seniors) courses are designed for juniors and/or seniors and build upon previous writing skills. Reinforcing the logic and critical-thinking skills that accompany good writing, these courses—which emphasize word choice, usage, and writing mechanics—provide continued and advanced instruction in writing for a variety of purposes and audiences. English/Composition (juniors and seniors) courses may emphasize college or business preparation; literature study may be offered as an additional component in which students analyze examples of several genres.

1009 Language Arts Laboratory
9, 10, 11, 12

Language Arts Laboratory courses provide instruction in basic language skills, integrating reading, writing, speaking, and listening, while placing great emphasis on the progress of individual students. Course content depends upon students' abilities and may include vocabulary building, improving spelling and grammar, developing writing and composition skills, reading silently or aloud, and improving listening and comprehension abilities.

01155 Communications I
12

Communications courses focus on the application of written and oral communication skills through a variety of formal and informal experiences. The courses are performance-based and emphasize effective interpersonal and team-building skills. Communications courses may also involve the study of how interpersonal communications are affected by stereotypes, nonverbal cues, vocabulary, and stylistic choices. Emphasis on Newspaper and Yearbook communication.

01155 Communications II

12

Communications courses focus on the application of written and oral communication skills through a variety of formal and informal experiences. The courses are performance-based and emphasize effective interpersonal and team-building skills. Communications courses may also involve the study of how interpersonal communications are affected by stereotypes, nonverbal cues, vocabulary, and stylistic choices. Includes Newspaper, Yearbook and Social Media communication.

01997 English Language and Literature—Independent Study

11, 12

English Language and Literature—Independent study courses, often conducted with instructors as mentors, allow students to explore particular topics within the field of language arts. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular application, to explore a topic in greater detail, or to develop more advanced skills.

MATHEMATICS (6 Credits of Mathematics Required)

02052 Algebra I
9, 10, 11, 12

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 of polynomials; and solving simple quadratic equations.

02056 Algebra II
10, 11, 12

Algebra II course topics typically include field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; properties of higher degree equations; and operations with rational and irrational exponents.

02062 Integrated Math I
9, 10, 11, 12

Integrated Math I course combines the study of some pre-algebra, algebra topics, with introductory geometry topics. This course includes the study of formulas, algebraic expressions, functions, linear equations and inequalities, the rectangular coordinate system, area, perimeter, and volume of geometric figures.

The student will be able to:

1. Simplify expressions
2. Write and solve proportions
3. Solve both equations and inequalities.
4. Work with functions linear and quadratic
5. Work with polynomials.
6. Simplify radical expressions and solve equations involving radicals.
7. Review area, perimeter, and volume of geometric figures.

02063 Integrated Math II
11, 12

Integrated Math II course is a review of such topics as properties and operations of real numbers; evaluation of rational algebraic expressions; solutions and graphs of first-degree equations and inequalities; algebra, geometry. It is also an introduction to trigonometry, statistics and probability and discrete mathematics.

The student will be able to:

1. Use logic reasoning in Boolean logic and Venn diagrams
2. Review basic algebra and geometry concepts.

3. Calculate probability of multiple and conditional events.
4. Use statistical methods to analyze data

02071 Informal Geometry

10, 11, 12

Informal Geometry courses emphasize a practical approach to the study of geometry and deemphasize 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.

02072 Geometry

10, 11, 12

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.

02110 Pre-Calculus

12

Pre-Calculus courses combine the study of Trigonometry, Elementary Functions, Analytic Geometry, and Math Analysis topics as preparation for calculus. Topics typically include the study of complex numbers; polynomial, logarithmic, exponential, rational, right trigonometric, and circular functions, and their relations, inverses and graphs; trigonometric identities and equations; solutions of right and oblique triangles; vectors; the polar coordinate system; conic sections; Boolean algebra and symbolic logic; mathematical induction; matrix algebra; sequences and series; and limits and continuity.

02997 Mathematics—Independent Study

11, 12

Mathematics—Independent Study courses, often conducted with instructors as mentors, enable students to explore topics of interest related to mathematics. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular application, to explore a topic in greater detail, or to develop more advanced skills.

SCIENCE (6 Credits Required)

03201 Integrated Science I
9, 10, 11, 12

The specific content of Integrated Science courses varies, but they draw upon the principles of several scientific specialties—earth science, physical science, biology, chemistry, and physics—and organize the material around thematic units. Common themes covered include systems, models, energy, patterns, change, and constancy. These courses use appropriate aspects from each specialty to investigate applications of the theme.

03201 Integrated Science I Lab
9, 10, 11, 12

The specific content of Integrated Science courses varies, but they draw upon the principles of several scientific specialties—earth science, physical science, biology, chemistry, and physics—and organize the material around thematic units. Common themes covered include systems, models, energy, patterns, change, and constancy. This course is specifically applied to a kinesthetic approach to learning within a laboratory environment.

03201 Integrated Science II
10, 11, 12

The specific content of Integrated Science courses varies, but they draw upon the principles of several scientific specialties—earth science, physical science, biology, chemistry, and physics—and organize the material around thematic units. Common themes covered include systems, models, energy, patterns, change, and constancy. This course uses appropriate aspects from each specialty to investigate applications of the theme and is a continuation of Integrated Science I.

03052 Biology—Advanced Studies
11, 12

Usually taken after a comprehensive initial study of biology, Biology—Advanced Studies courses cover biological systems in more detail. Topics that may be explored include cell organization, function, and reproduction; energy transformation; human anatomy and physiology; and the evolution and adaptation of organisms.

03101 Chemistry
11, 12

Chemistry courses involve studying the composition, properties, and reactions of substances. These courses typically explore such concepts as the behaviors of solids, liquids, and gases; acid/base and oxidation/reduction reactions; and atomic structure. Chemical formulas and equations and nuclear reactions are also studied.

03102 Chemistry—Advanced Studies

11, 12

Usually taken after a comprehensive initial study of chemistry, Chemistry—Advanced Studies courses cover chemical properties and interactions in more detail. Advanced chemistry topics include organic chemistry, thermodynamics, electrochemistry, macromolecules, kinetic theory, and nuclear chemistry.

03151 Physics

12

Physics courses involve the study of the forces and laws of nature affecting matter, such as equilibrium, motion, momentum, and the relationships between matter and energy. The study of physics includes examination of sound, light, and magnetic and electric phenomena.

03059 Genetics

12

Genetics courses provide students with an understanding of general concepts concerning genes, heredity, and variation of organisms. Course topics typically include chromosomes, the structure of DNA and RNA molecules, and dominant and recessive inheritance and may also include lethal alleles, epistasis and hypostasis, and polygenic inheritance.

03054 Anatomy

12

Anatomy courses present an in-depth study of the human body and biological system. Students study such topics as anatomical terminology, cells, and tissues and typically explore functional systems such as skeletal, muscular, circulatory, respiratory, digestive, reproductive, and nervous systems.

03004 Astronomy

11, 12

Astronomy courses offer students the opportunity to study the solar system, stars, galaxies, and interstellar bodies. These courses usually introduce and use astronomic instruments and typically explore theories regarding the origin and evolution of the universe, space, and time.

03001 Earth Science

11, 12

Earth Science courses offer insight into the environment on earth and the earth's environment in space. While presenting the concepts and principles essential to students' understanding of the dynamics and history of the earth, these courses usually explore oceanography, geology, astronomy, meteorology, and geography.

03003 Environmental Science

11, 12

Environmental Science courses examine the mutual relationships between organisms and their environment. In studying the interrelationships among plants, animals, and humans, these courses usually cover the following subjects: photosynthesis, recycling and regeneration, ecosystems, population and growth studies, pollution, and conservation of natural resources.

03212 Scientific Research and Design

12

In Scientific Research and Design courses, students conceive of, design, and complete a project using scientific inquiry and experimentation methodologies. Emphasis is typically placed on safety issues, research protocols, controlling or manipulating variables, data analysis, and a coherent display of the project and its outcome(s).

03997 Life and Physical Sciences—Independent Study

11, 12

Life and Physical Sciences—Independent Study courses, often conducted with instructors as mentors, enable students to explore scientific topics of interest, using advanced methods of scientific inquiry and experimentation. These courses may be offered in conjunction with other rigorous science courses or may serve as an opportunity to explore a topic of special interest.

SOCIAL SCIENCE (6 Credits Required)

04101 U.S. History—Comprehensive
9, 10, 11, 12

U.S. History—Comprehensive courses provide students with an overview of the history of the United States, examining time periods from discovery or colonialism through World War II or after. These courses typically include a historical overview of political, military, scientific, and social developments. Course content may include a history of the North American peoples before European settlement.

04001 World Geography
10, 11, 12

World Geography courses provide students with an overview of world geography, but may vary widely in the topics they cover. Topics typically include the physical environment; the political landscape; the relationship between people and the land; economic production and development; and the movement of people, goods, and ideas.

04151 U.S. Government—Comprehensive
12

U.S. Government—Comprehensive courses provide an overview of the structure and functions of the U.S. government and political institutions and examine constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. These courses may examine the structure and function of state and local governments and may cover certain economic and legal topics.

04201 Economics
12

Economics courses provide students with an overview of economics with primary emphasis on the principles of microeconomics and the U.S. economic system. These courses may also cover topics such as principles of macroeconomics, international economics, and comparative economics. Economic principles may be presented in formal theoretical contexts, applied contexts, or both.

04258 Sociology
11, 12

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

04254 Psychology

11, 12

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

04051 World History—Overview

10, 11, 12

World History—Overview courses provide students with an overview of the history of human society from early civilization to the contemporary period, examining political, economic, social, religious, military, scientific, and cultural developments. World History—Overview courses may include geographical studies, but often these components are not as explicitly taught as geography.

04997 Social Sciences and History—Independent

11, 12

Study Social Sciences and History—Independent Study courses, often conducted with instructors as mentors, enable students to explore topics of interest within one of the fields of social studies. These courses provide students with an opportunity to expand their expertise in a particular specialization, to explore a topic of special interest, or to develop more advanced skills.

FINE ARTS - MUSIC

4 Credits of Fine Arts from Music and/or Art Courses Required

05102 Concert Band

9, 10, 11, 12

Courses in Concert Band are designed to promote students' technique for playing brass, woodwind, and percussion instruments and cover a variety of band literature styles, primarily for concert performances.

05110 Chorus

9, 10, 11, 12

Chorus courses provide the opportunity to sing a variety of choral literature styles for men's and/or women's voices and are designed to develop vocal techniques and the ability to sing parts.

05110 Chorus - 3 Day

9, 10, 11, 12

Chorus courses provide the opportunity to sing a variety of choral literature styles for men's and/or women's voices and are designed to develop vocal techniques and the ability to sing parts.

05118 Music Appreciation

9, 10, 11, 12

Similar in nature to Music History/Appreciation courses, Music Appreciation courses focus specifically on students' appreciation of music. They are designed to help students explore the world of music and to develop an understanding of the importance of music in their lives.

05104 Orchestra

9, 10, 11, 12

Orchestra courses are designed to develop students' abilities to play brass, woodwind, percussion, and string instruments, covering a variety of string and orchestral literature styles.

05147 Music—Independent Study

11, 12

Music—Independent Study courses, often conducted with instructors, professional musicians, or voice coaches as mentors, enable students to explore music-related topics. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular form or style, to explore a topic in greater detail, or to develop more advanced skills.

FINE ARTS – VISUAL

4 Credits of Fine Arts from Art and/or Music Courses Required

05151 Art Appreciation

9, 10, 11, 12

Art Appreciation courses introduce students to the many forms of art and help them form an aesthetic framework through which they can judge and critique art of various ages and cultures. These courses also explore the place and significance of art in our society.

05154 Creative Art—Comprehensive

9, 10, 11, 12

Creative Art—Comprehensive courses provide students with the knowledge and opportunity to explore an art form and to create individual works of art. These courses may also provide a discussion and exploration of career opportunities in the art world. Initial courses cover the language, materials, and processes of a particular art form and the design elements and principles supporting a work of art. As students advance and become more adept, the instruction regarding the creative process becomes more refined, and students are encouraged to develop their own artistic styles. Although Creative Art courses focus on creation, they may also include the study of major artists, art movements, and styles.

05156 Creative Art—Drawing I

10, 11, 12

Creative Art—Drawing courses cover the same topics as Creative Art—Drawing/Painting, but focus on drawing. In keeping with this attention on two-dimensional work, students typically work with several media (such as pen-and-ink, pencil, chalk, and so on), but some courses may focus on only one medium.

05156 Creative Art—Drawing II

10, 11, 12

Creative Art—Drawing courses cover the same topics as Creative Art—Drawing/Painting, but focus on drawing. In keeping with this attention on two-dimensional work, students typically work with several media (such as pen-and-ink, pencil, chalk, and so on), but some courses may focus on only one medium. A continuation of study from Creative Art - Drawing I.

05157 Creative Art—Painting I

10, 11, 12

Creative Art—Painting courses cover the same topics as Creative Art—Drawing/Painting, but focus on painting. In keeping with this attention on two-dimensional work, students typically work with several media (such as watercolor, tempera, oils, acrylics, and so on), but some courses may focus on only one medium.

05157 Creative Art—Painting II

10, 11, 12

Creative Art—Painting courses cover the same topics as Creative Art—Drawing/Painting, but focus on painting. In keeping with this attention on two-dimensional work, students typically work with several media (such as watercolor, tempera, oils, acrylics, and so on), but some courses may focus on only one medium. A continuation of study from Creative Art - Painting I.

05158 Creative Art—Sculpture

10, 11, 12

Creative Art—Sculpture courses cover the same topics as Creative Art—Comprehensive courses, but focus on creating three-dimensional works. Students typically work with several media (such as clay, ceramics, wood, metals, textiles, and so on), but some courses may focus on only one medium.

05170 Art Portfolio

11, 12

Art Portfolio courses offer students the opportunity to create a professional body of work that reflects their personal style and talent. Students are often encouraged to display their work publicly.

05197 Visual Art—Independent Study

11, 12

Visual Art—Independent Study courses, often conducted with instructors or professional artists as mentors, enable students to explore a particular art form or topic. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular form or style, to explore a topic in greater detail, or to develop more advanced skills

05995 Fine and Performing Art—Aide

12

Fine and Performing Arts—Aide courses offer students the opportunity to assist instructors in preparing, organizing, or delivering course curricula. Students may provide tutorial or instructional assistance to other students.

FOREIGN LANGUAGE

24052 Spanish I
9, 10, 11, 12

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

24053 Spanish II
10, 11, 12

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

24054 Spanish III
11, 12

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

24055 Spanish IV
12

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

24997 World Language and Literature—Independent Study
11, 12

World Language and Literature—Independent Study courses, often conducted with instructors as mentors, enable students to explore foreign language-related topics of interest. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular language, to explore a topic in greater detail, or to develop more advanced skills.

***** Others Available via Online Course Offerings

PRACTICAL ARTS - HOSPITALITY AND TOURISM

16052 Foods I
10, 11, 12

Restaurant, Food, and Beverage Services—Comprehensive (Foods I) course provide students with knowledge and skills related to commercial and institutional food service establishments. Course topics range widely, but usually include sanitation and safety procedures, nutrition and dietary guidelines, food preparation (and quantity food production), and meal planning and presentation. Restaurant, Food, and Beverage Service courses may include both “back-of-the-house” and “front-of-the-house” experiences, and may therefore also cover reservation systems, customer service, and restaurant/business management.

16053 Foods II
10, 11, 12

Food Service (Foods II) course provide instruction regarding nutrition, principles of healthy eating, and the preparation of food. Among the topics covered are large-scale meal preparation, preserving nutrients throughout the food preparation process, use and care of commercial cooking equipment, food storage, advances in food technology, sanitation, management, and the careers available in the food service industry.

16997 Hospitality and Tourism—Independent Study
11, 12

Hospitality and Tourism—Independent Study courses, often conducted with instructors as mentors, enable students to explore topics of interest within the hospitality and tourism industry. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular application, to explore a topic in greater detail, or to develop more advanced skills.

PRACTICAL ARTS - HUMAN SERVICES

19254 Food Science
11, 12

Food Science courses offer opportunities to study the composition, structure, and properties of foods and the chemical changes that occur during the processing, storage, preparation, and consumption of food. These courses often explore the effects of various materials, microorganisms, and processes on food products through laboratory experiments. Culinary techniques and the safe handling of food in the home environment are commonly included.

19201 Clothing and Textiles
10, 11, 12

Clothing and Textiles courses introduce students to and expand upon the various aspects of apparel, garment construction, and the textile industry, conveying the commercial application

of design principles, production processes, and maintenance techniques. These courses usually address the selection, characteristics, care, and repair of various textiles; operation and care of commercial sewing machines; design, construction, and production of fabrics and/or garments; and career opportunities in the garment or textile industry.

19203 Apparel Construction I

10, 11, 12

Apparel Construction courses provide students with the knowledge and skill to construct, alter, and repair clothing and textile products. Course topics typically include taking measurements, creating and preparing patterns, and various sewing techniques; topics may also include customer service, fashion design principles, and business management. These courses may also offer specialized knowledge in a particular type of garment.

19203 Apparel Construction II

10, 11, 12

Apparel Construction courses provide students with the knowledge and skill to construct, alter, and repair clothing and textile products. Course topics typically include taking measurements, creating and preparing patterns, and various sewing techniques; topics may also include customer service, fashion design principles, and business management. These courses may also offer specialized knowledge in a particular type of garment. This is a continuation of Apparel Construction I.

19259 Family and Interpersonal Relationships

11, 12

Family and Interpersonal Relationships courses emphasize building and maintaining healthy interpersonal relationships among family members and other members of society. These courses often emphasize (but are not limited to) topics such as social/dating practices, human sexuality and reproduction, marriage preparation, parenthood and the function of the family unit, and the various stages of life. They may also cover topics related to individual self-development, career development, personal awareness, and preparation for the responsibilities of a family member and wage earner.

19255 Child Development / Parenting

12

Child Development/Parenting courses provide students with knowledge about the physical, mental, emotional, and social growth and development of children from conception to pre-school age. In addition, these courses help students discover how parents should respond to the various stages of childhood. Course content typically includes topics such as prenatal and birth processes; responsibilities and difficulties of parenthood; fundamentals of children's emotional and physical development; and the appropriate care of infants, toddlers, and young children.

19205 Home Furnishing
10, 11, 12

Home Furnishing courses provide students with basic knowledge regarding furnishing and decorating home environments. While exploring design principles, personal needs and style, and decision-making, students may also explore the following topics: color, texture, furniture styles and arrangement, lighting, window treatments, floor and wall coverings, and home improvement/modification. Home Furnishing courses may also cover architectural style and design and take a larger look at housing problems or current housing issues.

19247 Apparel and Furnishings—Independent Study
11, 12

Apparel and Furnishings—Independent Study courses, often conducted with instructors as mentors, enable students to explore topics of interest related to apparel, textiles, and furnishings. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular application, to explore a topic in greater detail, or to develop more advanced skills.

PRACTICAL ARTS - BUSINESS

12051 Introductory Business
9, 10, 11, 12

Introductory Business courses survey an array of topics and concepts related to the field of business. These courses introduce business concepts such as banking and finance, the role of government in business, consumerism, credit, investment, and management. They usually provide a brief overview of the American economic system and corporate organization. Introductory Business courses may also expose students to the varied opportunities in secretarial, accounting, management, and related fields.

12053 Entrepreneurship
11, 12

Entrepreneurship courses acquaint students with the knowledge and skills necessary to own and operate their own businesses. Topics from several fields typically form the course content: economics, marketing principles, human relations and psychology, business and labor law, legal rights and responsibilities of ownership, business and financial planning, finance and accounting, and communication. Several topics surveyed in Business Management courses may also be included.

12104 Accounting
10, 11, 12

Accounting courses introduce and expand upon the fundamental accounting principles and procedures used in businesses. Course content typically includes the full accounting cycle, payroll, taxes, debts, depreciation, ledger and journal techniques, and periodic adjustments. Students may learn how to apply standard auditing principles and to prepare budgets and final reports. Calculators, electronic spreadsheets, or other automated tools are usually used. Advanced topics may include elementary principles of partnership and corporate accounting and the managerial uses of control systems and the accounting process.

12997 Business and Marketing—Independent Study
11, 12

Business and Marketing—Independent Study courses, often conducted with instructors or professionals as mentors, enable students to explore business or marketing-related topics of interest. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular specialization, to explore a topic in greater detail, or to develop more advanced skills.

PRACTICAL ARTS - COMPUTER AND INFORMATION SCIENCES (2 Credits Required)

10004 Computer Applications
9, 10, 11, 12

In Computer Applications courses, students acquire knowledge of and experience in the proper and efficient use of previously written software packages. These courses explore a wide range of applications, including (but not limited to) word-processing, spreadsheet, graphics, and database programs, and they may also cover the use of electronic mail and desktop publishing.

10152 Computer Programming
10, 11, 12

Computer Programming courses provide students with the knowledge and skills necessary to construct computer programs in one or more languages. Computer coding and program structure are often introduced with the BASIC language, but other computer languages, such as Visual Basic (VB), Java, Pascal, C++, and COBOL, may be used instead. Initially, students learn to structure, create, document, and debug computer programs, and as they progress, more emphasis is placed on design, style, clarity, and efficiency. Students may apply the skills they learn to relevant applications such as modeling, data management, graphics, and text-processing.

10201 Web Page Design
10, 11, 12

Web Page Design courses teach students how to design web sites by introducing them to and refining their knowledge of site planning, page layout, graphic design, and the use of markup languages—such as Extensible Hypertext Markup, JavaScript, Dynamic HTML, and Document Object Model—to develop and maintain a web page. These courses may also cover security and privacy issues, copyright infringement, trademarks, and other legal issues relating to the use of the Internet. Advanced topics may include the use of forms and scripts for database access, transfer methods, and networking fundamentals.

10203 Interactive Media
10, 11, 12

Interactive Media courses provide students with the knowledge and skills to create, design, and produce interactive media products and services. The courses may emphasize the development of digitally generated and/or computer-enhanced media. Course topics may include 3D animation, graphic media, web development, and virtual reality. Upon completion of these courses, students may be prepared for industry certification.

10997 Computer and Information Sciences—Independent Study
11, 12

Computer and Information Sciences—Independent Study courses, often conducted with instructors as mentors, enable students to explore computer-related topics of interest. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular specialization, to explore a topic in greater detail, or to develop more advanced skills.

PRACTICAL ARTS - COMMUNICATION AND AUDIO/VISUAL TECHNOLOGY

11151 Digital Media Technology
9, 10, 11, 12

These courses are designed to give students the skills necessary to support and enhance their learning about digital media technology. Topics covered in the course may include internet research, copyright laws, web-publishing, use of digital imagery, electronic forums, newsgroups, mailing lists, presentation tools, and project planning.

11153 Digital Media Design and Production
10, 11, 12

Digital Media Design and Production courses teach students the fundamentals of graphic design and production and provide students with the opportunity to apply these principles to printed media, digital presentation media, and interactive media.

11997 Communication and Audio/Video Technology—Independent Study
11, 12

Communication and Audio/Video Technology—Independent Study courses, often conducted with instructors as mentors, enable students to explore topics of interest related to mass communication and its technologies. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular application, to explore a topic in greater detail, or to develop more advanced skills.

PRACTICAL ARTS - AGRICULTURE

18001 Introduction to Agriculture and Natural Resources
9, 10, 11, 12

Introduction to Agriculture courses survey a wide array of topics within the agricultural industry, exposing students to the many and varied types of agriculture and livestock career opportunities and to those in related fields (such as natural resources). These courses serve to introduce students to the agricultural field, providing them an opportunity to identify an area for continued study or to determine that their interest lies elsewhere. They often focus on developing communication skills, business principles, and leadership skills.

18051 Plant Production/Science
10, 11, 12

Plant Production/Science courses provide knowledge about the propagation of plants for food and fiber. These courses may cover such topics as soil science, irrigation, pest and weed control, food and fiber processing, and farm operations. They may also cover the knowledge and skills needed to produce all types of crops or may emphasize a particular area of the agricultural industry.

18052 General Horticulture
10, 11, 12

General Horticulture courses expose students to the art and science of growing plants, shrubs, trees, flowers, fruits, and vegetables. In doing so, they cover a wide variety of topics, including greenhouse and nursery operations, soils and media mixtures, fruit and vegetable production, turf/golf course management, interior and exterior plantscaping, irrigation systems, weed and pest control, and floral design.

18055 Soil Science
10, 11, 12

Soil Science courses involve the study of soil properties, including soil chemistry, biology, fertility, mineralogy, and hydrology. Topics covered may also include soil conservation, irrigation, and management.

18101 Animal Production/Science
10, 11, 12

Animal Production/Science courses impart information about the care and management of domestic and farm animals. These courses may cover animal nutrition, health, behavior, selection, reproduction, anatomy and physiology, facilities, product processing, and marketing. Students may study a particular species (swine, cattle, horses, fowl, sheep, and so on), or they may learn how to care for and maintain livestock as a more inclusive study.

18102 Small Animal Care
10, 11, 12

Small Animal Care courses focus on the care and management of small animals. Animal nutrition, health, behavior, reproduction and breeding, anatomy and physiology, facilities, handling and training, and grooming are typical areas of study. Course topics may include kennel operations and sales.

18103 Large Animal Care
10, 11, 12

Large Animal Care courses focus on the care and management of large animals. Animal nutrition, health, behavior, reproduction and breeding, anatomy and physiology, facilities, handling and training, and grooming are typical areas of study. Course topics may include product processing and marketing.

18201 Agribusiness Management
11, 12

Agribusiness Management courses provide students with the information and skills necessary for success in agribusiness and in operating entrepreneurial ventures in the agricultural industry. These courses may cover topics such as economic principles, budgeting, risk management, finance, business law, marketing and promotion strategies, insurance, and resource management. Other possible topics include developing a business plan, employee/employer relations, problem-solving and decision-making, commodities, and building leadership skills. These courses may also incorporate a survey of the careers within the agricultural industry.

18402 Agriculture Mechanics and Equipment
11, 12

Agriculture Mechanics and Equipment courses provide students with the engineering and power technology principles, skills, and knowledge that are specifically applicable to the agricultural industry. Typical topics include the operation, maintenance, and repair of power, electrical, hydraulic, and mechanical systems.

18403 Agriculture Structures
11, 12

Agriculture Structures courses provide students with the skills and knowledge that are specifically applicable to the construction, maintenance, and repair of structures integral to the agricultural industry, including but not limited to animal enclosures, irrigation systems, and storage facilities. In these courses, students typically study design, planning, and construction knowledge and skills (such as survey, carpentry, plumbing, concrete, and electrical systems), in addition to the safe operation of tools and machines.

18504 Natural Resources Management

10, 11, 12

Natural Resources Management courses combine the fields of ecology and conservation with planning for the efficient use and preservation of land, water, wildlife, and forests. Within the general area of natural resources management, these courses usually cover specific topics and uses, such as hunting or fishing preserves, forest production and management, wildlife preservation, and human outdoor recreation.

18997 Agriculture, Food, and Natural Resources—Independent Study

11, 12

Courses in Agriculture, Food, and Natural Resources—Independent Study, often conducted with instructors as mentors, enable students to explore topic of interest related to agriculture, food, and natural resources. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular application, to explore a topic in greater detail, or to develop more advanced skills.

PHYSICAL EDUCATION (4 Credits Required)

08001 Physical Education I

9, 10, 11, 12

Physical Education courses provide students with knowledge, experience, and an opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities.

08001 Physical Education II

9, 10, 11, 12

Physical Education courses provide students with knowledge, experience, and an opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities. This is a continuation course from Physical Education I.

08002 Team Sports

11, 12

Team Sports courses provide students with knowledge, experience, and an opportunity to develop skills in more than one team sport (such as volleyball, basketball, soccer, and so on).

08003 Individual/Dual Sports

11, 12

Individual/Dual Sports courses provide students with knowledge, experience, and an opportunity to develop skills in more than one individual or dual sport (such as tennis, golf, badminton, jogging/running, racquetball, and so on).

08004 Recreation Sports

11, 12

Recreation Sports courses provide students with knowledge, experience, and an opportunity to develop skills in more than one recreational sport or outdoor pursuit (such as adventure activities, croquet, Frisbee, wall climbing, bocce ball, fishing, hiking, cycling, and so on).

08005 Fitness/Conditioning Activities

11, 12

Fitness/Conditioning Activities courses emphasize conditioning activities that help develop muscular strength, flexibility, and cardiovascular fitness.

08009 Weight Training I

9, 10, 11, 12

Weight Training courses help students develop knowledge and skills with free weights and universal stations while emphasizing safety and proper body positioning; they may include other components such as anatomy and conditioning.

08009 Weight Training II

9, 10, 11, 12

Weight Training courses help students develop knowledge and skills with free weights and universal stations while emphasizing safety and proper body positioning; they may include other components such as anatomy and conditioning. This is a continuation course from Weight Training I.

08014 Physical Education Equivalent

9, 10, 11, 12

These courses award physical education credit for other at-school activities, such as marching band or cheerleading. (Dance is included under the Fine and Performing Arts subject area.)

08047 Physical Education—Independent Study

11, 12

Courses in Physical Education—Independent Study, often conducted with instructors as mentors, enable students to explore topics of interest related to physical education. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular sport or activity, to explore a topic in greater detail, or to develop more advanced skills.

08051 Health Education I

9, 10, 11, 12

Topics covered within Health Education courses may vary widely, but typically include personal health (nutrition, mental health and stress management, drug/alcohol abuse prevention, disease prevention, and first aid) and consumer health issues. The courses may also include brief studies of environmental health, personal development, and/or community resources.

08051 Health Education II

11, 12

Topics covered within Health Education courses may vary widely, but typically include personal health (nutrition, mental health and stress management, drug/alcohol abuse prevention, disease prevention, and first aid) and consumer health issues. The courses may also include brief studies of environmental health, personal development, and/or community resources. This is a continuation course from Health Education I.

08097 Health Education—Independent Study
11, 12

Courses in Health Education—Independent Study, often conducted with instructors as mentors, enable students to explore topics of interest related to health and health education. Independent Study courses may provide students with opportunity to expand expertise in a particular application, to explore a topic of special interest in greater detail, or to develop more advanced skills.

PRACTICAL ARTS - HEALTH CARE SCIENCES (Offered Through a Local Post-Secondary Institution)

14001 Exploration of Health Care Occupations
11, 12

Exploration of Health Care Occupations courses expose students to the variety of opportunities available within the healthcare industry (e.g., such as nursing, therapy, dental care, administrative services, and lab technology). These courses provide experiences in several of these occupational clusters, along with information and knowledge related to the healthcare industry as a whole.

14154 Medical Terminology
11, 12

In Medical Terminology courses, students learn how to identify medical terms by analyzing their components. These courses emphasize defining medical prefixes, root words, suffixes, and abbreviations. The primary focus is on developing both oral and written skills in the language used to communicate within health care professions.

14995 Health Care Sciences—Aide
11, 12

Health Care Sciences—Aide courses offer students the opportunity to assist instructors in preparing, organizing, or delivering course curricula. Students may provide tutorial or instructional assistance to other students.

14253 Pharmacology
11, 12

Pharmacology courses involve a study of how living animals can be changed by chemical substances, especially by the actions of drugs and other substances used to treat disease. Basic concepts of physiology, pathology, biochemistry, and bacteriology are typically brought into play as students examine the effects of drugs and their mechanisms of action.

**All courses are taken concurrently.

14055 Emergency Medical Technology
11, 12

Emergency Medical Technology courses place a special emphasis on the knowledge and skills needed in medical emergencies. Topics typically include clearing airway obstructions, controlling bleeding, bandaging, methods for lifting and transporting injured persons, simple spinal immobilization, infection control, stabilizing fractures, and responding to cardiac arrest. The courses may also cover the legal and ethical responsibilities involved in dealing with medical emergencies. These courses may prepare students to obtain certification in Emergency Medical Response (EMR), CPR, First Aid, Incident Command System (ICS), and Wilderness First Responder.

PRACTICAL ARTS - ARCHITECTURE AND CONSTRUCTION (Offered Through a Local Post-Secondary Institution)

17002 Construction—Comprehensive
11, 12

Construction—Comprehensive courses provide students with basic knowledge and skills required for construction of commercial, residential, and institutional structures. These courses provide experiences and information (typically including career opportunities and training requirements) regarding construction-related occupations such as carpentry, cabinet making, bricklaying, electrical trades, plumbing, concrete masonry, and so on. Students engage in activities such as reading blueprints, preparing building sites, starting foundations, erecting structures, installing utilities, finishing surfaces, and providing maintenance.

17002 Construction—Comprehensive Lab
11, 12

Construction—Comprehensive Lab courses provide students with basic knowledge and skills required for construction of commercial, residential, and institutional structures. These courses provide experiences and information (typically including career opportunities and training requirements) regarding construction-related occupations such as carpentry, cabinet making, bricklaying, electrical trades, plumbing, concrete masonry, and so on. Students engage in activities such as reading blueprints, preparing building sites, starting foundations, erecting structures, installing utilities, finishing surfaces, and providing maintenance. Lab associated in conjunction with Construction - Comprehensive.

17003 Carpentry
11, 12

Carpentry courses provide information related to the building of wooden structures, enabling students to gain an understanding of wood grades and construction methods and to learn skills such as laying sills and joists; erecting sills and rafters; applying sheathing, siding, and shingles; setting door jambs; and hanging doors. Carpentry courses may teach skills for rough construction, finish work, or both. Students learn to read blueprints, draft, use tools and machines properly and safely, erect buildings from construction lumber, perform finish work inside of buildings, and do limited cabinet work. Carpentry courses may also include career exploration, good work habits, and employability skills.

17003 Carpentry Lab
11, 12

Carpentry Lab courses provide information related to the building of wooden structures, enabling students to gain an understanding of wood grades and construction methods and to learn skills such as laying sills and joists; erecting sills and rafters; applying sheathing, siding, and shingles; setting door jambs; and hanging doors. Carpentry courses may teach skills for rough construction, finish work, or both. Students learn to read blueprints, draft, use tools and machines properly and safely, erect buildings from construction lumber, perform finish work inside of buildings, and do limited cabinet work. Carpentry courses may also include career exploration, good work habits, and employability skills. Lab associated in conjunction with Carpentry.

**All courses are taken concurrently.

PRACTICAL ARTS - TRANSPORTATION, DISTRIBUTION AND LOGISTICS (Offered Through a Local Post-Secondary Institution)

20053 Aviation
11, 12

Aviation courses provide students with an understanding of the science of flight and typically include the history, regulations, and possible career paths within the aviation industry. Aviation courses usually cover physics, the relationships of weight and balance, principles of navigation and flight control, ground and airport operations and services, and Federal Aviation Agency regulations.

PRACTICAL ARTS - MANUFACTURING (Offered Through a Local Post-Secondary Institution)

13202 Metalworking
11, 12

Metalworking courses introduce students to the qualities and applications of various metals and the tools used to manipulate and form metal into products. Through one or more projects involving metals, students develop planning, layout, and measurement skills; gain experience in cutting, bending, forging, casting, and/or welding metal; complete projects according to blueprints or other specifications; and may also learn to polish and finish metals. Correct use of metalworking tools and equipment is stressed.

13207 Welding I
11, 12

Welding I courses enable students to gain knowledge of the properties, uses, and applications of various metals, skills in various processes used to join and cut metals (such as oxyacetylene, shielded metal, metal inert gas, and tungsten arc processes), and experience in identifying, selecting, and rating appropriate techniques. Welding courses often include instruction in interpreting blueprints or other types of specifications.

13207 Welding II
11, 12

Welding II courses enable students to gain knowledge of the properties, uses, and applications of various metals, skills in various processes used to join and cut metals (such as oxyacetylene, shielded metal, metal inert gas, and tungsten arc processes), and experience in identifying, selecting, and rating appropriate techniques. Welding courses often include instruction in interpreting blueprints or other types of specifications. This is a continuation course from Welding I.

13208 Particular Topics in Welding
11, 12

In these courses students gain knowledge and skills in particular aspects of welding. Examples include individual courses in each of the following types of welding: gas metal, gas tungsten, and shielded metal and flux core arc welding.

**All courses are taken concurrently.

DRIVER EDUCATION

Driver Education – Spring Class/Summer Class

Elective- 14 years old – Driver’s Permit – 1 Credit

Driver Education is required in Iowa prior to getting a school permit or a license to drive before your 18th birthday. The State-of-Iowa approved Driver Education course offered by Lamoni Community School consists of 30 hours of classroom instruction and six hours of driving with a State-certified driving instructor.

At Lamoni Community School, Driver Education is offered in March and during the summer. Classroom times and drive times are set by the instructor and may vary from session to session.

Any student wishing to take Driver Education must have a valid driver permit issued by the State of Iowa and he/she must contact the office about any possible fees related to the course.

08152 Drivers’ Education—Classroom and Laboratory

Age 14+ with Driver’s Permit

Drivers’ Education—Classroom and Laboratory courses provide students with the knowledge and experience to become safe drivers on America’s roadways. Topics in these courses cover legal obligations and responsibility, rules of the road and traffic procedures, safe driving strategies and practices, and the physical and mental factors affecting the driver’s capability (including alcohol and other drugs). Experience in driving a vehicle is an essential component of these courses.

08197 Drivers’ Education—Independent Study

Age 14+ with Driver’s Permit

Courses in Drivers’ Education—Independent Study, often conducted with instructors as mentors, enable students to explore topics of interest related to drivers’ education. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular application, to explore a topic in greater detail, or to develop more advanced skills.

POST-SECONDARY OPTIONS

PSEO - Semester
11, 12

This program allows high school juniors and seniors to enroll in college classes at Graceland University or online classes from SWICC or other approved post-secondary institutions and receive college credit along with regular credit from LHS. Students can visit the counselor for further details and scheduling.

RESOURCE SERVICES

Experience-Based Career Education (EBCE) – Year
11, 12 with an I.E.P.

Students will spend an average of eighteen weeks at a predetermined jobsite. While on site, students are not paid. Students are covered by insurance and are required to call the job site if they are unable to be there. It is recommended that students enroll in the EBCE program during their junior year. Special education students are limited to no more than four semesters of participation in the program. (Exceptions may be made as recommended by the special education instructor.)

EBCE Related – Year
11, 12 – I.E.P. & Job

MISCELLANEOUS

22004 Dropout Prevention Program

Dropout Prevention Program courses vary widely, but typically are targeted at students who have been identified as being at risk of dropping out of or failing in school. Course content may include study skills and individual tutorials; job preparation, readiness, application, or interview skills; communication skills; personal assessment and awareness activities; speaker presentations; and small group seminars.

22006 Study Hall

Study Hall courses provide students with the opportunity and time to complete classroom assignments or school projects. Students typically work on their own, without the help of a tutor; however, they are supervised and usually remain in the classroom.

22151 Career Exploration

Career Exploration courses help students identify and evaluate personal goals, priorities, aptitudes, and interests with the goal of helping them make informed decisions about their careers. These courses expose students to various sources of information on career and training options and may also assist them in developing job search and employability skills.

MULTICULTURAL/GENDER FAIR EDUCATION

Students will have an equal opportunity for a quality education without discrimination, regardless of their race, religion, socioeconomic status, color, sex, marital status, national origin, sexual orientation, gender identity or disability.

The education program is free of discrimination and provides equal opportunity for the students. The education program will foster knowledge of and respect and appreciation for the historical and contemporary contributions of diverse cultural groups, as well as men and women, to society. Special emphasis is placed on Asian-Americans, African-Americans, Hispanic-Americans and persons with disabilities. It will also reflect the wide variety of roles open to both men and women and provide equal opportunity to both sexes.

NOTICE OF NONDISCRIMINATION

Students, parents, employees and others doing business with or performing services for the Lamoni Community School District are hereby notified that this school district does not discriminate on the basis of race, color, national origin, sex, sexual orientation, gender identity, marital status, socio-economic status, disability, religion, or creed in admission or access to, or treatment in, its programs and activities.

The school district does not discriminate on the basis of race, color, national origin, sex, disability, age, religion, creed, sexual orientation, or gender identity in admission or access to, or treatment in, its hiring and employment practices. Any person having inquiries concerning the school district's compliance with the regulations implementing Title VI, Title VII, Title IX, the Americans with Disabilities Act (ADA), § 504 or *Iowa Code* § 280.3 is directed to contact:

Guidance Counselor
Lamoni Community Schools
202 N Walnut
Lamoni, Iowa 50140
641-784-3351

who has been designated by the school district to coordinate the school district's efforts to comply with the regulations implementing Title VI, Title VII, Title IX, the ADA, § 504 and *Iowa Code* § 280.3.

GRIEVANCE PROCEDURE

Students, parents of students, employees, and applicants for employment in the school district will have the right to file a formal complaint alleging discrimination under federal or state regulations requiring non-discrimination in programs and employment.

Level One - Principal, Immediate Supervisor or
Personnel Contact Person
(Informal and Optional - may be bypassed by the grievant)

Employees with a complaint of discrimination based upon their gender, race, national origin, religion, age, sexual orientation, gender identity or disability are encouraged to first discuss it with their immediate supervisor, with the objective of resolving the matter informally. An applicant for employment with a complaint of discrimination based upon their gender, race, national origin, religion, age, sexual orientation, gender identity or disability are encouraged to first discuss it with the personnel contact person. This paragraph is for employees and “marital status” isn't a protected class for employees.

A student, or a parent of a student, with a complaint of discrimination based upon their gender, race, national origin, religion, marital status, sexual orientation, gender identity or disability are encouraged to discuss it with the instructor, counselor, supervisor, building administrator, program administrator or personnel contact person directly involved.

Level Two - Compliance Officer

If the grievance is not resolved at Level One and the grievant wishes to pursue the grievance, the grievant may formalize it by filing a complaint in writing on a Grievance Filing Form, which may be obtained from the Compliance Officer. The complaint will state the nature of the grievance and the remedy requested. The filing of the formal, written complaint at Level Two must be within 15 working days from the date of the event giving rise to the grievance, or from the date the grievant could reasonably become aware of such occurrence. The grievant may request that a meeting concerning the complaint be held with the Compliance Officer. A minor student may be accompanied at that meeting by a parent or guardian. The Compliance Officer will investigate the complaint and attempt to resolve it. A written report from the Compliance Officer regarding action taken will be sent to the involved parties within a reasonable time after receipt of the complaint.

Level Three - Superintendent/Administrator

If the complaint is not resolved at Level Two, the grievant may appeal it to Level Three by presenting a written appeal to the superintendent within five working days after the grievant receives the report from the Compliance Officer, the grievant may request a meeting with the Superintendent. The superintendent may request a meeting with the grievant to discuss the appeal. A decision will be rendered by the superintendent within a reasonable time after the receipt of the written appeal. If, in cases of disability grievances at the elementary and secondary level, the issue is not resolved through the grievance process, the parents have a right to an impartial hearing to resolve the issue.

This procedure in no way denies the right of the grievant to file formal complaints with the Iowa Civil Rights Commission, the U.S. Department of Education Office for Civil Rights or Office of Special Education Programs, the Equal Employment Opportunity Commission, or the Iowa Department of Education for mediation or rectification of civil rights grievances, or to seek private counsel for complaints alleging discrimination.

Level Four - Appeal to Board

If the grievant is not satisfied with the superintendent's decision, the grievant can file an appeal with the board within five working days of the decision. It is within the discretion of the board to determine whether it will hear the appeal.

The Compliance Officer is:

Middle School/ High School Principal
Lamoni Community School
202 N. Walnut St.
Lamoni, IA 50140
641-784-3351 (8am - 3 pm)