



2023-2024

Lamoni High School

Course Curriculum Guide

2023-2024

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, and grade-point average.

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 on JMC.

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 grade point averages:

A+=98%
A=95%
A-=92%
B+=88%
B=85%
B-=82%
C+=78%
C=75%
C-=72%
D+=68%
D=65%
D-=62%
F=59%.

Graduation Requirements

A student must earn a total of 49 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	8
Math		6	6
Science		6	6
Social Studies	World History or World Geography	2	7
	US History	2	
	US Government	1	
	Economics	1	
	Financial Literacy	1	
Fine Arts		4	4
Practical Arts	Physical Education	4	8
	Health I	1	
	Child Development / Parenting	1	
	Family and Interpersonal Relationships	1	
	Computer Science Princ. OR Computer Programming	1	
Local	Freshman Seminar: Career Exploration Freshman Seminar: Service Leadership	2	2
Electives		8	8
	Total		49
**All courses are HS or Post-Secondary approved courses and in alignment with Lamoni Community School Board Policy 505.05			

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

<p><u>9th Grade</u> English I* Algebra I * Physical Science* Modern U.S. History* High School PE* Health I* Freshman Seminar* Fine Arts Elective* Electives*</p> <p><u>10th Grade</u> English II* Informal Geometry or Geometry Biology* World Geography* or World History* High School PE* Computer Science Principles or Computer Programming* Fine Arts Elective * Electives*</p>	<p><u>11th Grade</u> English III* Algebra II or Principles of Algebra, or Geometry * Chemistry or Astronomy/Earth Science High School PE* Family and Interpersonal Relationships* Computer Science Principles or Computer Programming* Fine Arts Elective* Electives*</p> <p><u>12th Grade</u> English IV or World Literature US Government / Economics* Iowa Financial Literacy* High School PE* Child Development & Parenting* Computer Science Principles or Computer Programming* Fine Arts Elective* Electives</p>
<p>* 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.</p>	

Suggested classes for preparation to attend a four-year College or University

<p>9th Grade English I* Algebra I * Physical Science* Modern U.S. History* High School PE* Health I* Freshman Seminar* Fine Arts Elective* Electives*</p>	<p>11th Grade English III* Algebra II * Chemistry I* Psychology/Sociology High School PE* Health II Family and Interpersonal Relationships* Computer Science Principles or Computer Programming* Fine Arts Elective* Spanish II or III Electives*</p>
<p>10th Grade English II* Informal Geometry or Geometry Biology* World Geography* or World History* High School PE* Computer Science Principles or Computer Programming* Fine Arts Elective * Spanish I or II Electives*</p>	<p>12th Grade English IV* Algebra II or Pre-Calculus Chemistry 2 or Advanced Biology Economics/US Government* Iowa Financial Literacy* HS Physical Education* Child Development & Parenting* Computer Science Principles* Spanish III or IV Fine Arts Elective* Electives*</p>
<p>* 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.</p>	

High School Course Offerings

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
1058		World Literature	2	
1155		Communications I	1	Yearbook / Social Media
1155		Communications II	1	Yearbook / Social Media
1104		Creative Writing	2	
			14	
HS Mathematics				
Code	Required	Name	Credits	
2052		Algebra I	2	
2056		Algebra II	2	Recommended for College
2071		Informal Geometry	2	
2072		Geometry	2	
2074		Principles of Algebra and Geometry	2	
2110		Pre-Calculus	2	Recommended for College
			12	
HS Science				
Code	Required	Name	Credits	
3003		Environmental Science	1	
3004		Astronomy	1	
3052		Biology - Advanced Studies	2	

3101		Chemistry I	2	Recommended for College
3201	*	Physical Science	2	
3201	*	Biology	2	
3102		Chemistry II	2	
			12	

HS Social Studies

Code	Required	Name	Credits	
4001	*	World Geography	2	
4051	*	World History - Comprehensive	2	Recommended for College
4103	*	Modern US History	2	
4151	*	US Government	1	
4201	*	Economics	1	
22900	*	Iowa Financial Literacy	1	
4064		Current World Events	1	
4258		Sociology	1	
4254		Psychology	1	
			13 to 14	

HS Fine Arts - Music

Code	Required	Name	Credits	
5102		Concert Band	1 or 2	

HS Fine Arts - Visual

Code	Required	Name	Credits	
5194		Introduction to Film	1	
5177		Animation	1	
5169		Multi Media Art	1	
5161		Printmaking	1	
5157		Painting	1	
5158		Sculpture	1	
5154		Art Comprehensive	1	
5152		Art History	1	
			8	

HS Physical, Health and Safety Education				
Code	Required	Name	Credits	
8001	*	HS Physical Education	1	
8014		Physical Education Equivalent	1	
8051	*	Health Education I	1	
8051		Health Education II	1	
8152		Drivers' Education - Classroom and Laboratory	1	
			8	

HS Practical Arts - Computer and Information Sciences				
Code	Required	Name	Credits	
10011		Computer Science Principles	1	Recommended for College
10152		Computer Programming I	1	
10152		Computer Programming II	1	
10997		Computer and Information Sciences - Independent Study *with special permission	1	
			4	

HS Practical Arts - Business and Marketing				
Code	Required	Name	Credits	
12051		Introductory Business	2	
10005		Business Computing	1	
12104		Accounting	2	
		Marketing SWCC Course	1	
		Computer Science Principles	1	
12998		Workplace Learning	2	
			8	

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	
			2	

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 Systems / Science	2	
18101		Animal Production / Science	2	
18308		Agricultural Biotechnology	1	
18402		Mechanical Systems	2	
18403		Power and Technology	2	
18504		Natural Resources and Ecology	1	
18997		Agriculture, Food & Natural Resources -	1 or 2	

		Independent Study *with special permission		
			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	
19255	*	Child Development / Parenting	1	
19259	*	Family and Interpersonal Relationships	1	
			6	

HS Miscellaneous

Code	Required	Name	Credits	
22004		Dropout Prevention Program	1	
22006		Study Hall	0	
22101	*	Freshman Seminar - Service Leadership	1	
22151	*	Freshman Seminar - Career Exploration	1	
			3	

HS Foreign Language

Code	Required	Name	Credits	
24052		Spanish I	2	
24053		Spanish II	2	
24054		Spanish III	2	
24055		Spanish IV	2	
			8	

ENGLISH (8 Semesters Required)

01001 English I

9

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 II

10

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 III

11

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 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.

01058 World Literature

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.

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.

01104 Creative Writing**10, 11, 12**

Creative Writing courses offer students the opportunity to develop and improve their technique and individual style in poetry, short story, drama, essays and other forms of prose. The emphasis on the courses is on writing; however, students may study exemplary representations and authors to obtain a fuller appreciation of the form and craft. Although most creative writing classes cover several expressive forms, others concentrate exclusively on one particular form (such as poetry or playwriting).

MATHEMATICS (6 Credits of Mathematics Required)

02052 Algebra I

9

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

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.

02071 Informal Geometry

10

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

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.

02074 Principles of Algebra and Geometry

11, 12

The Principles of Algebra and Geometry course combines the study of some pre-algebra and algebra topics with introductory geometry topics. This course includes the study of formulas, algebraic expressions, first-degree equations and inequalities, the rectangular coordinate system, area, perimeter, and volume of geometric figures, surface area of geometric figures, and properties of triangles and circles.

02110 Pre-Calculus**Prerequisite: Algebra 2****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.

SCIENCE (6 Credits Required)

03159 Physical Science:

9

Physical Science courses involve study of the structures and states of matter. Typically (but not always) offered as introductory survey courses, they may include such topics as forms of energy, wave phenomenon, electromagnetism, and physical and chemical interactions.

03051 Biology:

10

Biology covers ecology, cell biology, genetics, the history of biological diversity, the diversity of life, and the human body, as well as cross-curricular earth science topics. Through inquiry-based and hands-on investigations of real-world phenomenon, students will construct explanations for scientific phenomenon and design solutions for real-world problems. This is a year-long course.

03003 Environmental Science

11, 12

Environmental Science examines the mutual relationships between organisms and their environment. In studying the interactions between plants and animals, and humans, this course usually focuses on the following subjects: photosynthesis, recycling and regeneration, ecosystems, population and growth studies, pollution, and conservation of natural resources. This is a semester-long class.

03101 Chemistry I:

10, 11, 12

Chemistry I covers structure and properties of matter, chemical bonding and reactions, matter, energy, and equilibrium, and organic and nuclear chemistry, as well as cross-curricular earth science topics. Through inquiry-based and hands-on investigations of real-world phenomenon, students will construct explanations for scientific phenomenon and design solutions for real-world problems. This is a year-long course.

03151 Physics:

11, 12

Prerequisite: Currently enrolled in Algebra 2 or have previously passed.

Physics covers mechanics in one dimension, mechanics in two dimensions, momentum and energy, waves and light, electricity and magnetism, and subatomic physics, as well as cross-curricular earth science topics. Through inquiry-based and hands-on investigations of real-world phenomenon, students will construct explanations for scientific phenomenon and design solutions for real-world problems. This is a year-long course.

03004 Astronomy:**11, 12**

Astronomy offers the opportunity to study the solar system, stars, galaxies, and interstellar bodies. This course introduces and uses virtual labs and will explore theories regarding the origin and evolution of the universe, space, and time. This is a semester-long course.

03059 Genetics:**11, 12**

Genetics provide students with an understanding of general concepts concerning genes, heredity, and variation of organisms. Topics include chromosomes, the structure of DNA and RNA molecules, and dominant and recessive inheritance, molecular genetics, and protein synthesis. This is a semester long course

03053 Anatomy and Physiology:**11, 12**

Anatomy and Physiology is taken after a comprehensive introduction to Biology. This course presents the human body and biological systems in more detail. In order to understand the structure of the human body and its functions, students learn anatomical terminology, study cells and tissues, explore functional systems (skeletal, muscular, circulatory, respiratory, digestive, reproductive, nervous, etc.) and may dissect mammals. This is a semester long course.

Advanced Biology**11, 12****Prerequisite Biology**

This is an advanced course that covers biological systems in more detail. Topics that may be covered include cell organization, function, and reproduction; energy transformation; human anatomy and physiology; and the evolution and adaptation of organisms. This is a year long course.

03102 Chemistry II**11, 12****Prerequisite Chemistry I**

A deeper study of the principles and theories of inorganic chemistry and organic, including equilibrium reactions, acid/base reactions, redox reactions, electrochemistry, hydrocarbons, the chemistry of life, nuclear chemistry, environmental chemistry, and nano-chemistry. This is a year-long course.

SOCIAL SCIENCE (7 Credits Required)

04101 U.S. History

9

U.S. History—Comprehensive provides students with an overview of the history of the United States, examining time periods from Civil War 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.

04051 World History

10

World History—Overview provides 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.

04001 World Geography

10

World Geography provides 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

12

U.S. Government—Comprehensive provides an overview of the structure and functions of the U.S. government and political institutions and examines 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

11, 12

Economics-provides 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.

22900 Iowa Financial Literacy

11, 12

Financial Literacy teaches students how to make wise financial decisions to promote financial well-being over their lifetime. The course will translate complex financial concepts and help students develop actionable strategies for managing their finances. Students will understand the different ways to acquire income, develop a savings and investing plan, create

a budget, track expenses, make informed purchases, monitor and protect their money, and navigate financial institutions and financial products. The primary topic areas covered include: Banking Basics, Income and Employment, Budgeting, Consumer Skills, Credit and Debt, Financing Higher Education, and Insurance. Students will also learn basics in tax filing and preparation.

04064 Current Events

11, 12

Current Events course enables students to study political, economic, and social issues facing the world. This course may focus on current issues, examine selected issues throughout the 20th century, and look at historical causes of or possible problems.

04258 Sociology

11, 12

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

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.

FINE ARTS – VISUAL

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

05154 Art Comprehensive

9, 10, 11, 12

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.

05157 Painting

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.

05158 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.

05197 Visual Art—Independent Study **with special permission

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

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.

***** Other courses are available via Online Course Offerings

PRACTICAL ARTS - HOSPITALITY AND TOURISM

16052 Foods I

9, 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

9, 10, 11, 12

Food Service (Foods II) course provides 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.

PRACTICAL ARTS - HUMAN SERVICES

19201 Clothing and Textiles

9, 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

9, 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 preschool 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**9, 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 Home Furnishings—Independent Study *with special permission**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.

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.

12998 Business and Marketing- Workplace Learning

11, 12

Business and Marketing - Workplace Experience courses provide students with work experience in fields related to business and marketing. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.

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

10011 Computer Science Principles

9, 10, 11, 12

Computer Science is understanding how and why technologies work, exploring whether and how technology could solve real-life problems, investigating procedures, creating solutions, and learning about computing systems, programming, data, networks, and the effects on society and the individual. Computer Science is learning how to create new technologies, rather than simply using them.

10152 Computer Programming I

10, 11, 12

Computer Programming courses provide students with the knowledge and skills necessary to construct computer programs in Python. Students learn to structure, create, document, and debug computer programs.

10152 Programming II

10,11,12

Continued computer programming course. Advanced courses may include instruction in object-oriented programming to help students develop applications for Windows, databases, multimedia, games, mobile and/or Web environment. An emphasis is placed on design, style, clarity, and efficiency.

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, in the CASE Program of Study, 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 course, in the CASE Program of Study, provides a foundation of plant science knowledge and skills. Students will experience various plant science concepts through exciting “hands-on” activities, projects, and problems. Student experiences will include the study of plant anatomy and physiology, classification, and the fundamentals of production and harvesting. Students will learn how to apply scientific knowledge and skills to use plants effectively for agronomic, forestry, and horticultural industries. Students will discover the value of plant production and its impact on the individual, the local, and the global economy. Students will work on major projects and problems similar to those that plant science specialists, such as horticulturalists, agronomists, greenhouse and nursery managers, and plant research specialists, face in their respective careers.

18101 Animal Production/Science

10, 11, 12

Animal Production/Science course is to expose students to agriculture, animal science, and related career options. Students participating in this course will have experiences in various animal science concepts with exciting “hands-on” activities, projects, and problems. Student’s experiences will involve the study of animal anatomy, physiology, behavior, nutrition, reproduction, health, selection, and marketing. For example, students will acquire skills in meeting the nutritional needs of animals while developing balanced, economical rations. Throughout the course, students will consider the perceptions and preferences of individuals within local, regional, and world markets.

18308 Agricultural Biotechnology

11, 12

Agricultural Biotechnology is a specialization course in the CASE Program of Study that provides students with experiences in industry appropriate applications of biotechnology related to plant and animal agriculture. Students will complete hands-on activities, projects, and problems designed to build content knowledge and technical skills in the field of biotechnology.

18402 Mechanical Systems in Agriculture

11, 12

Mechanical Systems in Agriculture is a specialization level course designed to provide rigorous applications in the agricultural engineering field. Throughout the course, students apply technical and engineering skills while becoming competent in the processes used to operate, repair, engineer, and design agricultural structures, engines, and equipment. Students practice technical skills including welding, reading prints, troubleshooting machines, documenting an engine teardown and assembly, reading schematic, researching machine replacement parts, and calculating production efficiencies.

18403 Agriculture Power and Technology

10, 11, 12

Agriculture Power and Technology course is in the CASE Program of Study, to expose students to mechanics, power, technology, and career options in the world of agriculture. Students participating in this course will have experiences in various mechanical and engineering concepts with exciting hands-on activities, projects, and problems. Student's experiences will involve the study of energy, tool operation and safety, material properties, machine operation and structural components. Students will acquire the basic skills to operate, repair, engineer, and design agricultural tools and equipment.

18504 Natural Resources and Ecology

10, 11, 12

Natural Resources Management courses are in the CASE Program of Study, to 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 **with special permission

11, 12

Courses in Agriculture, Food, and Natural Resources—Independent Study, often conducted with instructors as mentors, enable students to explore topics 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 HS Physical Education

9 and 10 and 11 and 12

Physical education is taught five days per week and meets the state requirement for physical activity. Students will need one semester of HS Physical Education each year of high school. This course consists of team and individual sports and games with an emphasis on personal fitness and lifelong activity. All activities are co-ed.

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 *with special permission

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

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

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. This is a continuation course from Health Education I.

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 - 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.

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

Work-Based Learning Experiences

11, 12

Available in various fields of study. The student and advisor must set up a work-based experience and develop a plan of education for the student in conjunction with the company. The plan must be approved by the school administration before the student will be allowed to utilize this option.

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.

22101 Freshman Seminar: Service Leadership

9

Service Leadership courses are designed to strengthen students' personal and group leadership skills through education and experience. Students will engage in classroom activities, hands-on service projects (from idea to implementation) for the community, and relationship building with both peers and younger students. This course will provide them with leadership tools and help them realize the importance of community service.

120001 Freshman Seminar: Career Exploration

9

Career Exploration courses expose students to the occupational opportunities available in business including, but not limited to, General business, business information, Human Resources management, operations management, administrative support, accounting, and marketing Fields. This is placed on responsibilities, qualifications, work environments, and career paths. These courses may also include consumer education topics, keyboard exposure, and or hands-on experience within various occupational areas.

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:

School 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)