

REQUIRED CREDITS:11

COURSE NAME	DESCRIPTION
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Art I
elements of
(Elective)

Students will gain an understanding of the art beginning with history and principles. Two-dimensional and three-dimensional figures will be the focus of the art course.

Prerequisites: None
Graduation Credit: 1

Advanced Art
(Art 101 Dual)
(Elective)

This course is taken in conjunction with Missouri Western's dual credit program and will earn high school credit as well as three hours college credit. Students will focus on the general background of history, philosophy, principles, and techniques of the visual arts.

Prerequisites: None
Graduation Credit: 1
College Credit Hours: 3

FACS I
(Elective)

FACS 1, Career and Family Leadership, is a comprehensive instructional course that describes the general study of family and consumer sciences, including how individuals develop and function in family, work and community settings and how they relate to their physical, social, emotional and intellectual environments. This is a yearlong course in which the students participation the *Baby Think It Over* program.

Prerequisites: None
Graduation Credit: 1

COURSE NAME	DESCRIPTION
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**Human Development I
(Elective)**

This semester course studies the intellectual, social, emotional, and biological development of children that the planning and design of related human services. It includes instruction in parent-child relations, parenting practices, special needs of children, parental and environmental influences on child development, external support services, and related public policy issues.

Prerequisites: None
Graduation Credit- 1/2

**Human
Development II
(Elective)**

This semester class offers instructional program that prepares individuals to understand the nature, function, and significance of human relationships within the family/individual units. It includes instruction in the concepts and principles related to various family living conditions, including abuse, prevention; the establishment and maintenance of relationships; the preparation for marriage, parenthood, and family life; and the socialization and developmental needs of individuals.

Prerequisites: None
Graduation Credit: 1/2

<u>COURSE NAME</u>	<u>DESCRIPTION</u>
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Housing & Human Environment (Elective)

This semester course studies the behavioral, social, economic, functional and aesthetic aspects of housing, interiors and other built environments. It includes instruction in analyzing, planning, designing, furnishing, and equipping residential work and leisure spaces to meet user needs and the study of related public policies.

Prerequisites: None
Graduation Credit: 1/2

World Foods (Elective)

This course is designed to show the students the significance of food as it relates to various cultures and world conditions. The students will participate in weekly meal preparation and cooking demonstrations.

Prerequisites: None, offered only to seniors
Graduation Credit: 1/2

Clothing I (Apparel & Textiles)

This course prepares individuals to understand the social, psychological and physiological aspects of clothing and textiles; the nature, acquisition and use of clothing and textile products; the selection, construction, maintenance, and alteration of clothing and textile products; and the effect of consumer choices on the individual and family, as well as the clothing and textile industry. **This course requires the purchase of project materials throughout the semester.**

Prerequisites: FACS I
Graduation Credit: ½

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**Clothing II
(Elective)**

This semester course describes the design, development and production of textile products and related processes and systems. this includes instruction in functional and aesthetic design, human factors research, production planning, manufacturing processes, quality assessment, and distribution systems. **This course requires the purchase of project materials throughout the semester.**

Prerequisites: Clothing I
Graduation Credits: 1/2

**Personal Finance
(Required)**

This semester course is designed to help students develop basic personal finance skills through money and economic concepts. Students will be able to make educated personal finance decisions based on credit, taxes, insurance, investments, retirement, budgeting and various other topics.

Prerequisites: None, suggested students take during sophomore year
Graduation Credit: 1/2

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<u>COURSE NAME</u>	<u>DESCRIPTION</u>
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**Agricultural Science I
(Elective)**

This course is designed to provide instruction in animal science, agricultural mechanics, career exploration, leadership and personal development, and supervised agricultural experience

Prerequisites: None
Graduation Credit: 1

**Agricultural Science II
(Elective)**

This course is designed to provide instruction in plant and crop science, soils entomology, horticulture, forestry, and additional instruction and in agricultural mechanics, career development, leadership, and supervised agricultural experience.

Prerequisites: Agricultural Science I
Graduation Credit: 1

**Agricultural
Construction
(Elective)**

This course utilizes welding in the development and construction of major metal and wood projects.

Prerequisites: Agricultural Science I & 2
Graduation Credit: 1

COURSE NAME	DESCRIPTION
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**Conservation of
Natural Resources
(Elective)**

This semester course prepares students for activities in the conservation and/or improvement of natural resources such as oil, water, air, forests, fish and wildlife for economic and recreational purposes, using resources from the MO Department of Conservation.

Prerequisites: Agricultural Science I & 2
Graduation Credit: 1/2

**Greenhouse Operation
and Management
(Elective)**

This course is develops a basic understanding of greenhouse techniques. The production of greenhouse crops will be used to demonstrate procedures such as plants started from cuttings, seeds, grafts, and layering. Students will manage their own crop as a greenhouse project as well as conduct plant sales in the fall and spring.

Prerequisites: Agricultural Science I & 2
Graduation Credit: 1

**Agricultural Economics
(Elective)**

This semester course includes human relations, personal inventory, careers in selling, and other experiences necessary for employment in agribusiness engaged in marketing, purchasing, storing, grading, and transporting supplies and products.

Prerequisites: Agricultural Science I
Graduation Credit: 1/2

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**Animal Science
(Elective)**

This course is an advanced study in animal production, management, marketing, nutrition, breeding, selection, animal health, waste management, and biotechnology may be included in this course.

Prerequisites: Agricultural Science I & 2
Graduation Credit: 1

**Chorus
(Elective)**

Students will study basic music theory and will apply their knowledge of it to the performance of classical as well as contemporary music. This will encompass the exploration of sacred and secular musical selections as well as texts in various foreign languages such as Italian, German, French, Latin, or Spanish, for example. **Students will be required to perform at various concerts and events both at school and in the community.**

Prerequisites: None
Graduation Credits: 1

COURSE NAME	DESCRIPTION
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**Band
(Elective)**

Band is a performance-based class designed to promote musicianship and an overall appreciation for instrumental music. It will emphasize student ability and explore many types of instrumental music ranging from classical to modern. Students will be required to perform at various concerts and events both at school and in the community.

*Prerequisites: None
Graduation Credit: 1*

**Digital Music
(Elective)**

This course is designed to allow students to explore the different functions and elements of music. Students will use an electronic computer program to create and compose musical segments using different electronic instruments and sound durations.

*Prerequisites: None
Graduation Credit: 1*

**Percussion Methods
(Elective)**

This course is designed to explore the history and performance of the major percussion instruments and various styles of music in which percussion equipment is used. Students will learn to play a variety of percussion instruments and compose and arrange percussion music.

*Prerequisites: None
Graduation Credit: 1*

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**Guitar
(Elective)**

This course gives students the opportunity to learn to play the guitar, read music, and play and compose music as they advance in the class. Students can take this class at the beginner level.

*Prerequisites: None
Graduation Credit: 1*

**Music 101
(Dual Credit Music)
(Elective)**

This course is taken in conjunction with Missouri Western's dual credit program and will earn high school credit as well as three hours college credit. Students will learn of music materials, forms, historical-social development of composers and compositions.

*Prerequisites: None
Graduation Credit: 1
College Credit Hours: 3*

**Physical Education
(9th Grade)
(Required)**

Required for all freshmen students, this semester course attempts to instill positive attitudes toward health and physical fitness as important factors necessary in all facets of an individual's life. It will cover various sports such as: volleyball, basketball, hockey, dance, weight training, cardiovascular endurance, flexibility, and other physical activities. These activities are designed to promote aerobic and anaerobic exercise. Students are required to dress out and participate daily.

Prerequisites: None

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Graduation Credit: 1

**Health
(Required)**

This semester course will cover a variety of health topics such as: fitness, sexual reproduction, current issues, diseases, mental health, risk factors, drugs, etc.

Prerequisites: None

Graduation Credit: 1/2

**Lifetime Sports
(Elective)**

This class introduces the students to many different types of leisure sports and activities (tennis, flag football, golf, ping pong, hockey, basketball, volleyball, softball). Students are required to dress out and participate daily.

Prerequisites: None, offered to sophomore, juniors, and seniors

Graduation Credit: 1

**Weight Lifting
(Elective)**

This course is designed to help students develop coordination, flexibility, strength, power and speed through the use of circuit training and daily weightlifting and workout routines. Students are required to dress out and participate daily.

Prerequisites: None, offered to sophomores, juniors and seniors

Graduation Credit: 1

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**Fitness & Wellness
(Elective)**

This semester course is taken in conjunction with Missouri Western's dual credit program and will earn high school credit as well as three hours college credit. Students will develop knowledge and skill in obtaining optimal health and fitness through nutrition, stress management, cardio respiratory endurance, recognition of risk factors for heart disease, and musculoskeletal development.

Prerequisites: None

Graduation Credit: 1

College Credit Hours: 3

**Microcomputer
Applications
(Dual Credit)
(Elective)**

This semester course is taken in conjunction with Missouri Western's dual credit program and will earn high school credit as well as three hours college credit. Students will learn applications of productivity software such as Microsoft Office® Word, Excel, Access, and PowerPoint for careers, school, and home. Impact of technology on society by computer information systems, networks, e-commerce, and the Internet is included.

Prerequisites: None

Graduation Credits: 1

College Credit Hours: 3

COURSE NAME	DESCRIPTION
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**Spanish 1
(Elective)**

This introductory course is designed for students with little or no previous study of Spanish. This is a fun, yet challenging course that teaches basic language patterns and vocabulary. The focus is on all four language skills: listening, speaking, reading and writing. Culture is also an integral part of the course. Concepts are introduced through the use of media, technology, games, adapted readings, guided research and class discussions. In addition to written tests and quizzes, students will be assessed through oral/spoken activities as well as projects and presentations. Homework assignments are an integral part of this course; they reinforce concepts/skills introduced and explored in class, which enable students to participate in class in a meaningful way. Students should expect to be actively engaged in their own language learning. Active classroom participation is required.

Prerequisite: None

Graduation Credit: 1

** 2 years recommended/required for college admittance*

<u>COURSE NAME</u>	<u>DESCRIPTION</u>
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**Spanish 2
(Elective)**

Students continue their study of Spanish by expanding their knowledge of key vocabulary topics and grammar concepts. Students not only begin to comprehend listening and reading passages more fully, but they also start to express themselves more meaningfully in both speaking and writing. More aspects of Latin and Spanish culture are studied to emphasize cultural awareness. Concepts are introduced through the use of media, technology, games, adapted readings, small or large group discussions and guided research. In addition to written and oral tests/ quizzes, students are assessed using a variety of formats: oral dialogues, presentations and written compositions. Journal entries in the target language will be due weekly as will be graded speaking assignments. Homework assignments are an integral part of this course as they not only reinforce key concepts and skills that are introduced in class, but also enable students to participate in class discussions. Completion of homework assignments is essential to success in this course. Continuous effort to use the target language is essential. Active participation is a must! Students should expect to be actively engaged in their own language learning.

Prerequisite: Spanish 1

Graduation Credit: 1

**2 years recommended/required for college admittance*