

# MIAMI HIGH SCHOOL COURSE CATALOG

## 2023-2024



Dr. Daniel Johnson, Superintendent/Principal  
660-267-3480

# Miami R-1 High School Graduation Requirements

Subject	Credits Required for Miami Students	Credits Required for Miami Vo-Tech Students
Communication Arts	4	4
Social Studies	3	3
Mathematics	3	3
Science	3	3
Practical Arts	1	1
Fine Arts	1	1
Physical Education	1	1
Health Education	0.5	0.5
Personal Finance	0.5	0.5
Electives	9	7
<b>Total credits required to graduate from Miami R-1</b>	<b>26</b>	<b>24</b>

All students must satisfactorily complete:

- **American Civics Exam**
- **Missouri Constitution Exam**
- **U.S. Constitution Exam**
- **30 min CPR/First Aid Instruction**

## Types of Courses Miami Offers

### Traditional Seated Miami High School Courses

These are courses taught by Miami High School teachers in a Miami High School classroom setting.

### Online College Dual Enrollment Courses

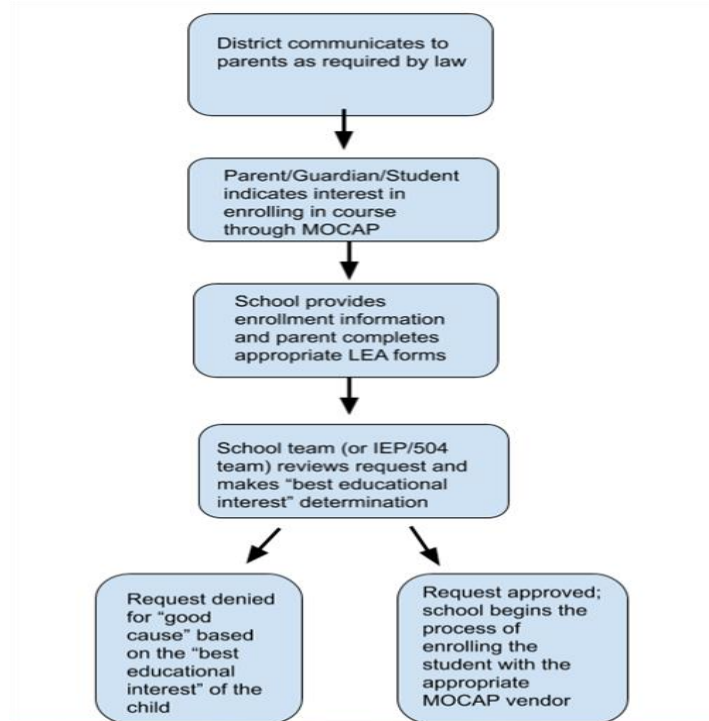
Miami R-1 allows juniors and seniors to take dual enrollment classes online if they meet eligibility guidelines and have administration and parental approval. Miami's preferred provider for online dual enrollment courses is Missouri Southern State University. The Miami School District is not required to provide high school credit for courses beyond the equivalent of full-time high school enrollment. **Online Dual Enrollment courses have fees (tuition and books) which are the responsibility of the student.** \*Dual enrollment courses may be taken through other colleges at the discretion of Miami administration. **All enrollments for fall dual enrollment courses must be completed by August 15<sup>th</sup> and spring enrollments must be completed by December 15<sup>th</sup>. No enrollments will be accepted after these dates without administration approval.**

### Missouri Course Access Program (MOCAP) Virtual Learning Courses

MOCAP provides Missouri students with equal access to a wide range of coursework, anywhere, anytime. MOCAP virtual online courses for students statewide. The Missouri Department of Elementary and Secondary Education (DESE) and the State Board of Education oversee administration and quality assurance activities such as related content and delivery of courses. Missouri certified teachers facilitate MOCAP courses. For more information, visit the MOCAP website (<https://mocap.mo.gov/about.html>).

Students and families who are interested in virtual coursework should contact Mrs. Johnson, [jjohnson@miamik12.net](mailto:jjohnson@miamik12.net), Virtual Learning Liaison, and inquire about the Missouri Course Assess Program (MOCAP). Students can take an entire course from any internet-connected computer, available 24 hours a day and seven days a week. Miami R-1 School District's preferred providers are Launch and Edmentum. Students are only allowed to take two MOCAP courses unless the courses are listed in their Individual Career & Academic Plan (Four Year Plan).

The Miami School District will accept all grades and credits earned through district-sponsored virtual instruction through MOCAP. The district will pay the costs of a virtual course if the district has first approved the student's enrollment in the course as described in the policy. However, the district is not required to provide students access to or pay for courses beyond the equivalent of full-time high school enrollment. The district will provide supervision for students who take virtual courses in district facilities but will not provide supervision for students taking virtual courses offsite. Students taking courses virtually are subject to district policies, procedures, and rules applicable to students enrolled in traditional courses including, but not limited to, the district's discipline code and prohibitions on academic dishonesty, discrimination, harassment, bullying, and cyberbullying.



**A student is not guaranteed to be in the class(es) of their choice until their enrollment with the virtual provider is finalized. All students taking a virtual course must have internet access outside of the school; the Miami R-1 School District does not provide access to the internet outside of school hours for students enrolled in online courses. Many of the courses will require time outside of school, so assignments are completed and submitted in a timely manner.**

## Required Courses for Graduation

English Language Arts-Language Arts I, II, III, IV  
 Science-Physical Science, Biology  
 Social Studies-American History, World History, Government  
 Math-Algebra I, Geometry  
 Health-Health  
 Personal Finance-Personal Finance

**Note:** All seniors must be enrolled in a minimum of two core classes (English, Science, Social Studies, Math) for both the first and second semester and meet passing requirements for both. Eight semesters of attendance are required by the Miami R-1 School District to meet graduation standards.

## Repeated Courses

Classes that **are not** labeled "may be repeated for credit" may **NOT** be repeated for credit unless the student has failed the class and repeats it for credit. If a student takes a class that may not be repeated a second time, credit will not be given. It is the student's responsibility to know what classes they have taken and not to repeat those for which they already have received credit.

The course descriptions that follow represent a brief summary of each seated class Miami offers. The descriptions do not necessarily list all topics and/or activities associated with each class.

## English Language Arts

### REQUIRED CREDITS: 4

#### Language Arts I                      Grades: 9-12    Credit: 1.0

Students will study a variety of short stories, dramas, novels, poetry, mythology, non-fictions, and literary terminology. There will be work with the six-trait writing method with proper paragraph development emphasized. Content work with spelling and increased vocabulary will be done weekly. Basic grammar skills will be strongly enforced, including but not limited to parts of speech, sentence structure, and usage of mechanics. Outside reading is required.

#### Language Arts II                      Grades: 10-12    Credit: 1.0      *Prerequisites: Language Arts I*

Reading, writing, and effective communication skills will continue to be stressed and expanded. Foundations of proper composition will be studied including the five-paragraph essay. Narrative, expository, and technical writing will be emphasized. Continued grammar skills will be built and added to the student's grammar foundation. Additionally, various genres will be read, studied, and discussed, including essays, fiction, and non-fiction, biographies, short stories, poetry, and novels. Reading comprehension, analysis, and literary terms will also be discussed. Outside reading is required.

#### Language Arts III                      Grades: 11-12    Credit: 1.0      *Prerequisites: Language Arts I, II*

This course is designed for both college and non-college bound students. Effective communication skills will continue to be developed and improved. American Literature will be the literary focus. More critical analysis and thinking will be stressed. Expository and persuasive writing will be studied in depth using the MLA style program. Vocabulary will continue to be developed and grammar will be emphasized, seeking a more advanced and detailed program. Outside reading is required. Oral Presentations will be a part of this class.

#### Language Arts IV                      Grades: 12        Credit: 1.0      *Prerequisites: Language Arts I, II, III*

This course will continue to expand the student's knowledge of grammar, writing, vocabulary, and literature. English literature will be emphasized. This course will also provide a solid background for any student deciding to gain post-secondary education. Career research, resume preparation, research papers (MLA style), technical, expository, and persuasive writing projects are included. Oral presentations will be required.

## Mathematics

### REQUIRED CREDITS: 3

#### Algebra I                                  Grade: 9-12        Credit: 1.0

The purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. The content of Algebra I is meant to deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend. Students will also engage in methods for solving and using quadratic functions.

#### Geometry                                  Grade: 10-12      Credit: 1

The purpose of this course is to formalize and extend students' geometric experiences from previous courses. Students will explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. This course is divided into six critical areas of geometry that students will study: congruence, proofs and constructions, similarity, proof and trigonometry; extending to three dimensions; connecting algebra and geometry through coordinates; circles with and without coordinates; and applications of probability.

**Algebra II**                      **Grade: 11-12**    **Credit: 1.0**        **Prerequisites: Algebra I**

In this course, students will build on their work with linear, quadratic, and exponential functions. Students will extend their repertoire of functions to include polynomial, rational, and radical functions. Students will work closely with the expressions that define functions, and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms.

**Sports Statistics**                      **Grade: 11-12**    **Credit: 1.0**        **Prerequisites: Algebra I**

This course will introduce students to the study of statistics through the context of sports. Topics covered will include exploratory data analysis, hypothesis testing, experimental design, and probability. All topics studied will be learned with the goal of answering interesting questions related to sports. This course will serve as an excellent foundation to the study of statistics.

## **Science**

### **REQUIRED CREDITS: 3**

**Physical Science**                      **Grade: 9-12**    **Credit: 1.0**

This course focuses on developing an understanding of concepts and applications within the field of physical science. Students will use the periodic table to identify elements and describe the physical properties of those elements. Students will demonstrate changes in states of matter and predict the effect that energy transfer may have on matter. Students will predict and demonstrate interactions between energy, force, and motion. Finally, students will apply these and other skills to conduct experiments using correct scientific procedures.

**Biology**                      **Grade: 10-12**    **Credit: 1.0**        **Prerequisites: Physical Science**

This course focuses on developing an understanding of concepts, processes, and patterns within the field of biology. The student will recognize the diversity among living organisms and classify them according to their unity of traits. The student will recognize the interdependence of organisms and their environment while describing how both energy and matter are conserved within that ecosystem. The student will describe how all life processes occur at the cellular level and describe the process by which traits are passed to future generations of living organisms. Finally, students will apply these and other skills to conduct experiments using correct scientific procedures.

**Chemistry**                      **Grade: 11-12**    **Credit: 1.0**        **Prerequisites: Physical Science**

This course focuses on developing an understanding of concepts and applications within the field of chemistry. Students will use the periodic table to identify elements and further describe the chemical properties and electron configuration of those elements. Students will classify matter according to its composition and distinguish between elements, compounds, and mixtures. Students will predict the type of bonds that form between atoms. Finally, students will apply these and other skills to conduct experiments using correct scientific procedures.

**Physics**                      **Grade: 11-12**    **Credit: 1.0**        **Prerequisites: Physical Science**

**Even Years (24-25) (26-27)**

This course is the study of the physical world. Topics include vectors, force and motion, work/energy, momentum/collisions, rotational motion, and thermodynamics. Considerable math skills are required.

**Environmental Science**                      **Grade: 11-12**    **Credit: 1.0**        **Prerequisites: Physical Science**

**Odd Years (23-24) (25-26)**

This course focuses on developing an understanding of concepts, patterns, and applications within the field of environmental science. Students will examine the interdependence of organisms and their environment. Students will describe the interactions among Earth's systems and the processes of change within those systems. Students will describe the effect of human activity on Earth's resources, and, after research, recommend changes in that activity. Finally, students will apply these and other skills to conduct experiments using correct scientific procedures.

## Social Studies

### REQUIRED CREDITS: 3

#### **American History**                      **Grade: 9-12**      **Credit: 1.0**

This course covers American History from the Civil War into the 20<sup>th</sup> century, including reconstruction, American Imperialism, World War I and World War II, the Korean War, the Vietnam War, and the Cold War. Emphasis will be given on how events of the past have shaped our future.

#### **World History**                      **Grade: 10-12**      **Credit: 1.0**

This course covers ancient civilizations, world religions, the middle ages, the rise and expansions of world empires, all major wars, and the development of modern nations.

#### **Government**                      **Grade: 11-12**      **Credit: 1.0**

This course is the study of the federal and state government. This course covers the development of the American system from Enlightenment in Europe to colonization of America, to the foundations of the constitution, and our current governmental status. \*We also discuss state and local governments. US Constitution and Missouri Constitution Tests will be taken during this course.

#### **Geography**                      **Grade: 11-12**      **Credit: 0.5**

This course is designed to look at geography and how humans affect the environment and the environment affects humans. In this course, students expand on different regions and countries and explore different world cultures.

#### **Contemporary Issues**                      **Grade: 11-12**      **Credit: 0.5**

This course includes discussion, study, and the application of research of current world events and their impact on society.

## **Fine Arts (Music, Visual Arts, Theater)                      REQUIRED CREDITS: 1**

### **Fine Arts (Music)**

#### **Band**                      **Grade: 9-12**      **Credit: 1.0**      ***Prerequisites: Junior High Band***

This course is designed to focus on the fundamentals of band, discipline, pride, commitment and musicality. All students will be expected to attend all performances. These will include but are not limited to marching band performances and concert band performances. Most work will be done in class; however students will be expected to practice outside of class. **Students are expected to remain in the class the entire year.** "May be repeated for credit"

#### **Choir**                      **Grade: 9-12**      **Credit: 1.0**                      ***\*Possible class***

This course is designed to expose students to a variety of various genres and types of music. The majority of the class time will be spent singing and learning music. Students will be required to attend all performances. Performances at concerts will account for a portion of the student's grade. **Students are expected to remain in the class the entire year.** "May be repeated for credit"

#### **Guitar**                      **Grade: 9-12**      **Credit: 1.0**                      ***\*Possible class***

Students enrolled in guitar will discover elements of music including sound, rhythm, melody, and harmony as well as elements that structure music such as key, texture, and form. Many styles of music through several genres will be explored through listening, viewing and discussing. We will learn the key parts to the guitar, strumming and fingering techniques, chords, basic music theory, notes on each string and ensemble playing.

\*Students can also enter with previous guitar experience. **Students are expected to remain in the class the entire year.**

#### **Pop Choir**                      **Grade: 9-12**      **Credit: 1.0**                      ***\*Possible class***

Students will focus on singing pop styles of music and learn basic choreography techniques for show choir type performance. Previous dance experience not necessary, however, students should be able to match pitch when singing.

\*Enrollment is at discretion of the teacher. **Students are expected to remain in the class the entire year.**

## **Fine Arts (Visual Arts)**

### **Art I                                      Grade: 9-12      Credit: 1.0**

Art 1 is designed to provide a foundation for Art 2. Emphasis is placed on understanding the Elements of Art and Principles of Design as a basis for composition. Students will explore a variety of artists, art processes and materials such as drawing, painting, printmaking, two & three-dimensional design, and digital art. Student artwork will reflect aesthetics & cultural and historical contexts. Willingness to get involved in the creative process is a more important requirement than the student's talent or previous experience.

### **Art II                                      Grade: 10-12      Credit: 1.0      *Prerequisites: Art I***

A second year course that provides an opportunity for students to expand on the drawing, painting, printmaking, two & three-dimensional design, and digital art concepts introduced in Art 1. Emphasis is placed on experiences with design principles, drawing techniques and painting skills leading to the development of abilities that are necessary for Studio Art. Students are given more in depth problems to solve creatively while becoming more adept through a broad exposure to various media.

### **Art Appreciation                      Grade: 9-12      Credit: 1.0**

Art Appreciation will introduce students to the visual arts and the variety of art mediums and techniques used to create two and three dimensional works of art. Students will also study the history of art.

## **Practical Arts (Ag, Business, & FACS)      REQUIRED CREDITS: 1**

## **Practical Arts (Agriculture)**

### **Agricultural Science I                      Grade: 9-12      Credit: 1.0**

A course designed for instruction in animal science, agricultural mechanics, career exploration, leadership and personal development, and supervised agricultural experience. Units may include agribusiness, natural resources, and food science.

### **Agricultural Science II                      Grade: 10-12      Credit: 1.0      *Prerequisites: Ag. Science I***

A course designed for instruction in plant and crop science, soils, entomology, horticulture, and forestry, and additional instruction in agricultural mechanics, career development, leadership, and supervised agricultural experience.

### **Advance Animal Science                      Grade: 11-12      Credit: 1.0      *Prerequisites: Ag. Science I, II***

Advanced study in animal production, management, marketing, nutrition, breeding, production records, selection, animal health, waste management, and biotechnology may be included in this course.

### **Agricultural Construction                      Grade: 11-12      Credit: 1.0      *Prerequisites: Ag. Science I, II***

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

### **Agricultural Construction II                      Grade: 12      Credit: 1.0      *Prerequisites: Ag. Science I, II, Ag. Construction***

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

### **Agricultural Communications and Leadership (23-24)      Grade: 11-12      Credit: 0.5      *Prerequisites: Ag. Science I, II***

This course will enable students to develop the knowledge, attitudes and skills to demonstrate positive leadership for agriculture. Areas of focus include public speaking, extemporaneous speaking, impromptu speaking, written communication, meeting people, good first impressions, personal goals, team work, team/organizational goals, organizing groups to take action and evaluation of team/organizational actions.

### **Greenhouse Operation and Management (23-24)      Grade: 11-12      Credit: 0.5      *Prerequisites: Ag. Science I, II***

This course 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.

**Agricultural Food Science-Even Years (24-25)    Grade: 11-12    Credit: 0.5    Prerequisites: Ag. Science I, II**

This course includes the areas of food chemistry and nutrition, food additives, food packaging and labeling, evaluation of foods, food microbiology, food processing, food fermentation, principles of sanitation and quality control.

**Natural Resources and Ecology- Even Years (24-25)    Grade: 11-12    Credit: 0.5    Prerequisites: Ag. Science I, II**

This course provides students a variety of experiences that in the fields of natural resources and ecology. Students will explore hands-on projects and activities while studying topics such as land use, water quality stewardship, and environmental agencies. Study of the natural world including biomes, land, air, water, energy, use and care as well as a focus on issues surrounding man's interaction with the Earth will be addressed in this course.

## **Practical Arts (Business)**

**Personal Finance (Required)    Grade: 10-12    Credit: 0.5**

Financial literacy is essential in meeting the financial challenges of the 21st Century. The competencies which form the basis for this semester course enable students to analyze their personal financial decisions, evaluate the costs and benefits of their decisions, recognize their rights and responsibilities as consumers, and apply the knowledge learned in school to financial. Understanding and managing personal finances are key to one's future financial success. This one-semester course is based on the Missouri Personal Finance Competencies and presents essential knowledge and skills to make informed decisions about real world financial issues. Students will learn how choices influence occupational options and future earning potential. Students will also learn to apply decision-making skills to evaluate career choices and set personal goals. The course content is designed to help the learner make wise spending, saving, and credit decisions and to make effective use of income to achieve personal financial success.

**Introduction to Business    Grade: 9-12    Credit: 0.5**

This course is designed to introduce students to how business works in today's society and to provide a foundation for other business courses. Content includes business functions such as accounting, management, marketing, and other consumer issues regarding money and money management, banking system and services, government's role in business, and technology in the business world.

**Web Design    Grade: 9-12    Credit: 0.5**

We use the internet daily. Having a web presence is vital for many businesses. The demand for talented web designers is high and is expected to continue to grow. In this course, students will explore the fundamentals of web design. Students will use web programming languages (HTML5, CSS3, etc.), graphic applications, and other web authoring tools to design and edit web pages for personal and business use. This course is designed to give students the basic knowledge of web programming languages, web page design, and accessibility standards.

**Computer Science Principles    Grade: 9-12    Credit: 1.0**

This course is designed to introduce students to the foundations of modern computing. A broad range of foundational topics will be covered such as programming, algorithms, the Internet, big data, digital privacy and security, and societal impacts of computing. This course seeks to provide knowledge and skills to meaningfully participate in our increasingly digital society, economy, and culture.

**Accounting    Grade: 10-12    Credit: 1.0**

All students, regardless of their occupational choice, can benefit from accounting instruction since it is an integral part of every business institution and organization. This course is designed to build a basic understanding of manual and automated accounting principles, concepts, and procedures. Activities include using the accounting equation, completing the accounting cycle, entering transactions to journals, posting to ledgers, preparing end-of-period statements and reports, managing payroll systems, completing banking activities, calculating taxes, and performing other related tasks.

**Computer Applications    Grade: 10-12    Credit: 1.0**

This area of instruction provides content for knowledge and skills required in the technology-based workplace. The demand will continue to expand for individuals to use computer hardware and software to create documents, gather



information, and solve problems. This class is vital for students planning to enter the workforce or postsecondary education. This course is designed to help students master beginning and advanced skills in the areas of word processing, database management, spreadsheet applications, desktop publishing, multimedia, Internet usage, and integrated software applications.

#### **Yearbook**

**Grade: 11-12 Credit: 1.0**

**Prerequisites: Teacher Approval**

Students will be responsible for certain sections of the Miami R-1 yearbook. They will learn about layout and design, writing, computer skills, and photography. The students will also be involved with advertising and yearbook sales. Students are expected to remain in this class the entire school year. "May be repeated for credit" \*(only once)\*

### **Practical Arts (Family and Consumer Sciences)**

#### **Health (Required)**

**Grade: 10-12 Credit: 0.5**

This course meets the needs of today's students and focuses on the promotion of personal and family health throughout the life span. It includes concepts in communicable diseases, family relations, substance abuse, nutrition, sports nutrition, fitness and other concerns pertaining to the development of personal and family health. Career opportunities in health-related fields are investigated. Family/Individual standards are aligned to the National Health Education Standards. Meets 0.5 health credit graduation requirement.

#### **Nutrition and Wellness**

**Grade: 9-12 Credit: 0.5**

This course prepares individuals to understand the principles of nutrition; the relationship of nutrition to health and wellness; the selection, preparation, and care of food; meal management to meet individual and family food needs and patterns of living; food economics and ecology; optimal use of the food dollar; understanding and promoting nutritional knowledge; and application of related math and science skills. (Handling, preparing & eating food)

#### **Food Science**

**Grade: 9-12 Credit: 0.5**

This course prepares individual to use the scientific method to study the biological and chemical basis for food fermentation, preservation, processing, and preparation. Students develop laboratory, writing, and reasoning skills through measuring, recording, and graphic data; writing laboratory and short research projects; and predicting and evaluating laboratory results.

#### **Apparel and Textiles**

**Grade: 10-12 Credit: 0.5**

**Prerequisite: 7<sup>th</sup> or 8<sup>th</sup> Grade Discovering FACS**

This course is designed to help individuals 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. \*Students will be providing their own fabric and accessories for this course

#### **Housing and Interior Design**

**Grade 10-12 Credit: 0.5**

**Prerequisite: Apparel and Textiles**

This course focuses on the development of efficient and cost-effective room and floor plans that meet the needs of residential and/or commercial clients. The elements and principles of design as found in the housing industry, drafting of floor plans, and interior design/decorating are the primary areas to be covered. Students will develop skills that will enable them to plan or assist in the planning of their own living space area and décor, or may provide a foundation for a career in this field. This may include sewing some accessories for the home or a "scale" room model.

#### **Parenting**

**Grade: 10-12 Credit 0.5**

**Prerequisite: Health**

This course focuses on the effects of parenting roles and responsibilities on strengthening the well-being of individuals and families. Students analyze roles and responsibilities of parenting; evaluate parenting practices that maximize human growth and development; evaluate external support systems and community resources that provide services for parents; and analyze physical and emotional factors related to beginning the parenting process. Careers related to parenting are investigated. Instruction emphasizes leadership, problem-solving, and communication skills in parenting techniques.

**Career Development Entrepreneurship Grade: 10-12 Credit: 0.5**

This course introduces individuals to career opportunities and/or career pathways in family consumer sciences and human services-related occupations/careers. It explores the development, marketing, and management functions associated with owning and operating a family consumer sciences and human services-related business. Instruction emphasizes career development and preparation components; balancing family life and entrepreneurial ventures; hands-on activities in entrepreneurial concepts; and use of technology.

**Physical Education REQUIRED CREDITS: 1****Physical Education Grade: 9-12 Credit: 1.0**

This course is structured to give all students a broad range of exposure to a variety of activities and sports, with emphasis given to activities requiring a team cohesive environment. The concept of individual constraints as they apply to team interaction is stressed on a daily basis. Rules conformity and interpretation are examined and stressed. Freedom of movement and the application of theory as it relates to exercise and activity are put into practice in each class session. Each student will also go through the President's Physical Fitness and Assessment testing twice during the school year. Grading for this class is predicated on 3 factors: Attendance, Participation, and Adherence to the dress code requirements set forth by the teacher.

**Body Conditioning Grade: 9-12 Credit: 1.0**

Emphasis is placed on total wellness, which will include analyzing individual needs in the areas of strength, endurance, cardiovascular fitness, flexibility, and body composition. Nutrition, goal setting, dealing with stress, and consumer issues will also be covered.

**Lifetime Sports Grade: 10-12 Credit: 1.0**

The focus and emphasis of this course is to expose and integrate to the student a variety of activities and sports which do not require large numbers of individuals. The direction is to provide the students with a base knowledge from which individuals will be able to find an activity to forestall a sedentary lifestyle. Activities represented in this course will include but are not limited to shuffleboard, tennis, golf, archery, bowling, and weight lifting. Each student will also go through the President's Physical Fitness and Assessment testing twice during the school year.

**Miscellaneous Elective Classes REQUIRED CREDITS: N/A****A+ PEER TUTORING Grade: 11-12 Credit: 1.0*****Prerequisites: Enrollment in the A+ Program***

This course allows juniors and seniors who are enrolled in the A+ Program to earn one credit by tutoring elementary students. *These tutoring hours also qualify students for some college funding upon completion of all other A+ requirements and upon the availability of state funds. \*Must have an A+ contract signed.*

**School Flex Work Study Grade: 12 Credit: 1.0**

The School Flex Program is a career and technical education program based on the cooperative education method of instruction. The program should serve students with a wide variety of career interests, including careers not traditionally considered "vocational". Academic study is combined with paid supervised employment in a career area of interest. The employment is planned and supervised by the school in cooperation with a business or industry. The program is open to high school seniors as a practical arts elective.

## **Foreign Language      REQUIRED CREDITS: N/A**

### **Miami World Language Courses (Seated Classes)**

#### **German I                              Grades: 9-12      Credit: 1.0**

In German I, students will acquire an elementary ability to listen, speak, read, and write the German language. This course emphasizes the skills needed for useful daily communication, e.g. making friends, expressing ones needs and preferences, seeking and giving directions, etc. Along with learning the language, students will also be introduced to German culture.

#### **German II                              Grades: 10-12      Credit: 1.0      Prerequisites: German I**

German II builds on the first-level course. Students increase their vocabulary, continue to use the present tense and improve conversational, reading, and writing skills. The past tense and other more advanced grammatical concepts are introduced. Students continue to study the culture of German-speaking peoples.

### **Launch Online World Language Courses (Virtual)**

#### **French I                              Grades: 9-12      Credit: 1.0**

In French I, the student begins to understand, speak, read and write French. Conversational skills using the present tense and practical vocabulary are emphasized. Students also begin to study the culture of French-speaking peoples.

#### **French II                              Grades: 10-12      Credit: 1.0      Prerequisites: French I**

French II builds on the first-level course. Students increase their vocabulary, are introduced to the past tense, and improve conversational, reading, and writing skills. Students continue to study the culture of French-speaking peoples.

#### **Japanese I                              Grades: 9-12      Credit: 1.0**

In Japanese I, the student begins to understand, speak, read and write Japanese. Conversational skills using the present tense and practical vocabulary are emphasized. Students also begin to study the culture of Japanese-speaking peoples.

#### **Japanese II                              Grades: 10-12      Credit: 1.0      Prerequisites: Japanese I**

Japanese II builds on the first-level course. Students increase their vocabulary, are introduced to the past tense, and improve conversational, reading, and writing skills. Students continue to study the culture of Japanese-speaking peoples.

#### **Spanish I                              Grades: 9-12      Credit: 1.0**

In Spanish I the student begins to understand, speak, read, and write Spanish. Conversational skills using the present tense and practical vocabulary are emphasized. Students also begin to study the culture of Spanish-speaking peoples.

#### **Spanish II                              Grades: 10-12      Credit: 1.0      Prerequisites: Spanish I**

Spanish II builds on the first-level course. Students increase their vocabulary, continue to use and develop the present tense and infinitive verb constructions, and improve conversational, reading, and writing skills. Students continue to study the culture of Spanish-speaking peoples.

## Launch Online Virtual High School Courses

### English Language Arts

AP English Lit. & Comp.  
Contemporary Lit  
Creative Writing I  
Creative Writing II  
English I  
English II  
English III  
English IV  
Film as Literature I  
Film as Literature II  
Grammar & Comp. I  
Grammar & Comp. II  
Introductory Speech  
Reading  
Strategic Reading & Writing  
(9th Grade)

### Mathematics

Algebra 1A  
Algebra 1B  
Algebra I  
Algebra II  
AP Calculus AB  
AP Calculus BC  
AP Computer Sci. Principles  
AP Computer Science A  
AP Statistics  
College Algebra  
Foundations of Algebra  
Geometry  
Intro. To Computer Science  
Precalculus  
Precalculus with Trigonometry  
Professional Math  
Statistics  
Trigonometry

### Science

AP Physics  
Astronomy  
Chemistry  
Earth Science  
General Biology  
Introductory Biology  
Introductory Chemistry  
Physical Science

### Social Studies

American Baseball History  
American Civil War  
AP European History  
AP Psychology  
AP US Gov. & Politics I  
AP US Gov. & Politics II  
AP US History I  
AP US History II  
AP World History  
Black History  
Economics  
Government  
Liberty & Law (Gov.)  
Psychology of the Holocaust  
Psychology  
Sociology  
US History  
World Geography

### Fine Arts

AP Studio Art 2-D Design  
Fine Arts Appreciation I: Music  
Fine Arts Appreciation II: Art  
Music Theory I  
Music Theory II

### Health & PE

Health  
Lifetime Fitness  
Physical Education I  
Physical Fitness

### Practical Arts

Human Development I  
Computer Applications  
Digital Communications  
Employment Internship  
FACS Internship  
Accounting I  
Introduction to Business  
Marketing I  
Personal Finance  
Teaching as a Profession I  
Web Design

### World Language

French I-IV  
German I-II  
Japanese I-II  
Spanish I-III