

2024-2025

**COLON JR./SR. HIGH SCHOOL
COURSE CATALOG**

**HOME OF THE
MAGI!**



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Middle School Course Catalog

Band/Music

Explore the world of music by learning to play an instrument in a band setting. Students will develop their musical skills through practice, performance, and collaboration with their peers. This course covers fundamental music theory, reading sheet music, and playing various instruments. Students will have the opportunity to perform in concerts and school events, enhancing their teamwork and discipline through ensemble practice.

Coding

This course introduces students to the basics of computer programming through hands-on projects and activities. Students will learn to write code using languages such as Python, Scratch, or JavaScript. The curriculum emphasizes problem-solving, logical thinking, and creativity as students design their own programs, games, and applications. By the end of the course, students will have a solid foundation in coding and computational thinking.

Digital Citizenship

Learn how to navigate the digital world safely and responsibly. This course covers topics such as online privacy, cyberbullying, and ethical use of technology. Students will explore the impact of digital footprints, understand the importance of secure passwords, and learn how to discern credible sources of information online. The goal is to equip students with the knowledge and skills to make informed and ethical decisions in their digital lives.

Drama

Unleash student's creativity through acting, stage production, and theater arts. Students will participate in performances, learn about different aspects of theater, and build confidence in public speaking. The course includes script reading, character development, improvisation, and stage management. Students will also explore the history of theater and the roles of various professionals in the field, from directors to costume designers.

ELA (English Language Arts)

Enhance student's reading, writing, speaking, and listening skills. This course includes literature study, writing assignments, grammar exercises, and vocabulary development. Students will analyze various genres of literature, from classic novels to contemporary works, and engage in creative and expository writing projects. The curriculum also emphasizes critical thinking, discussion, and research skills, preparing students for higher-level ELA courses.

Enrichment/Intervention

Tailored to meet the needs of each student, this course provides additional support in core subjects or advanced learning opportunities to challenge students and foster growth. Whether students need help with specific skills or seek to explore new areas of interest, this course offers personalized instruction and resources. Enrichment activities may include advanced math problems, science experiments, creative writing projects, or other specialized topics.

Health

Focus on physical, mental, and emotional well-being. Topics include nutrition, personal hygiene, stress management, and making healthy lifestyle choices. Students will learn about the human body, the importance of exercise, and strategies for maintaining mental health. The course also covers first aid, disease prevention, and the effects of substances like alcohol and drugs, empowering students to make informed health decisions.

Life & Study Skills

Develop essential skills for academic and personal success. This course covers time management, organization, goal setting, and effective study techniques. Students will learn strategies for balancing schoolwork with extracurricular activities and managing stress. The curriculum also includes financial literacy, basic household skills, and decision-making processes, equipping students with tools for success both in and out of school.

Math

Strengthen student's mathematical understanding and problem-solving abilities. Topics range from basic arithmetic to more advanced concepts such as algebra and geometry. Students will engage in hands-on activities, group work, and real-world problem-solving scenarios. The course emphasizes critical thinking, logical reasoning, and the application of mathematical concepts to everyday situations, preparing students for future academic challenges.

Music Appreciation

Discover the history and elements of music. Students will listen to and analyze different genres, learn about influential composers and musicians, and appreciate the cultural impact of music. The course includes the study of musical elements such as rhythm, melody, and harmony, as well as an exploration of music from different cultures and historical periods. Students will also have opportunities to create their own music and understand the role of technology in modern music production.

PE (Physical Education)

Promote physical fitness and healthy habits through various sports, games, and physical activities. This course emphasizes teamwork, sportsmanship, and the importance of regular exercise. Students will participate in activities that develop cardiovascular endurance, strength, flexibility, and coordination. The curriculum also includes lessons on nutrition, goal-setting for fitness, and the benefits of an active lifestyle.

Robotics

Dive into the world of robotics and engineering. Students will design, build, and program robots to complete various tasks and challenges, fostering creativity and critical thinking. The course covers basic engineering principles, sensors, motors, and programming languages such as LEGO Mindstorms or VEX Robotics. Students will work on team projects, and learn about the real-world applications of robotics technology.

Science

Explore the wonders of the natural world through hands-on experiments, observations, and scientific inquiry. Topics include biology, chemistry, physics, and earth science. Students will conduct experiments, analyze data, and develop scientific reasoning skills. The course encourages curiosity and critical thinking, with projects ranging from dissecting plants and animals to building simple machines and studying environmental issues.

Social Studies

Gain a deeper understanding of history, geography, civics, and economics. This course encourages students to think critically about past and present events and their impact on society. Students will study different cultures, political systems, and economic structures, and explore how historical events shape our world today. The curriculum includes map skills, research projects, and discussions on current events, promoting informed and active citizenship.

Speech & Debate

Develop your public speaking and argumentation skills. Students will participate in debates, deliver speeches, and learn the art of persuasion and effective communication. The course covers techniques for organizing and presenting ideas, researching topics, and constructing logical arguments. Students will practice delivering speeches in front of an audience and engage in debates on various issues, enhancing their confidence and critical thinking abilities.

STEAM (Science, Technology, Engineering, Arts, and Mathematics)

Integrate multiple disciplines to solve real-world problems through project-based learning. This course encourages creativity, innovation, and collaboration. Students will work on interdisciplinary projects that combine scientific inquiry, technological design, engineering principles, artistic expression, and mathematical analysis. The course aims to develop problem-solving skills and foster a love for exploration and discovery.

Street Law

Learn about the legal system and your rights and responsibilities as a citizen. Topics include criminal law, civil law, and the judicial process, preparing students for informed civic participation. Students will study real-life legal cases, understand the functions of different branches of government, and explore careers in law and public service. The course includes

mock trials, guest speakers, and visits to local courthouses to provide practical insights into the legal system.

Wellness

Focus on overall well-being, including physical health, mental health, and social skills. Activities and lessons promote a balanced lifestyle and healthy relationships. Students will learn about stress management, effective communication, and the importance of self-care. The course also covers topics such as body image, peer pressure, and coping strategies, helping students build resilience and emotional intelligence.

COURSE REQUIREMENTS - HIGH SCHOOL

High School Course Catalog

Algebra 1

Grade Level: 9-10

Credits: 1.0

Description: This foundational course in algebra covers variables, expressions, equations, inequalities, functions, and their graphs. Students will learn to solve linear equations, systems of equations, and quadratic equations, as well as explore polynomials and factoring.

Algebra 2

Grade Level: 10-11

Credits: 1.0

Description: Building on Algebra 1, this course delves into complex numbers, advanced polynomial functions, rational expressions, logarithms, and exponential functions. Students will also explore sequences, series, probability, and statistics.

AP World History

Grade Level: 10-12

Credits: 1.0

Description: This advanced placement course covers world history from 1200 CE to the present. Students will engage in in-depth analysis of historical events, themes, and processes, preparing for the AP World History exam.

AP Government and Politics

Grade Level: 10-12

Credits: 1.0

Description: This advanced placement course provides an in-depth understanding of the principles and institutions of the United States government and political system. Students will explore topics such as the constitutional underpinnings, political beliefs and behaviors, institutions of national government, public policy, civil rights, and civil liberties. The course prepares students for the AP Government and Politics exam, fostering critical thinking and analytical skills essential for understanding the complexities of American politics.

Art

Grade Level: 9-12

Credits: 1.0

Description: This course introduces students to various art mediums and techniques, including drawing, painting, sculpture, and digital art. Emphasis is placed on creativity, self-expression, and the development of technical skills.

Band

Grade Level: 9-12

Credits: 1.0

Description: Students will participate in a concert and marching band, focusing on performance skills, music theory, and ensemble techniques. Participation in concerts, pep band events, and parades is required.

Biology

Grade Level: 10

Credits: 1.0

Description: This course covers the principles of biology, including cell biology, genetics, evolution, ecology, and human biology. Laboratory experiments and dissections are integral components of the curriculum.

Chemistry

Grade Level: 11

Credits: 1.0

Description: Students will study the composition, structure, properties, and changes of matter.

Topics include atomic theory, chemical bonding, stoichiometry, acids and bases, and thermodynamics, with a strong laboratory component.

Choir

Grade Level: 9-12

Credits: 1.0

Description: Choir focuses on vocal techniques, music theory, and performance skills. Students will participate in concerts and competitions, learning a diverse repertoire of choral music.

Civics

Grade Level: 11-12

Credits: 0.5

Description: This course provides an understanding of the structure and functions of the U.S. government, the Constitution, and the rights and responsibilities of citizens. Topics include the electoral process, political parties, and civil liberties.

Communication & Journalism

Grade Level: 11-12

Credits: 1.0

Description: Students will explore the principles of effective communication, media ethics, and journalistic writing. The course includes practical experience in writing, editing, and publishing for print and digital media.

Drama

Grade Level: 9-12

Credits: 1.0

Description: This course introduces students to the fundamentals of theater, including acting, stagecraft, script analysis, and theater history. Students will participate in performances, both onstage and behind the scenes.

Economics

Grade Level: 11-12

Credits: 0.5

Description: This course covers the principles of microeconomics and macroeconomics, including supply and demand, market structures, fiscal policy, and international trade. Students

will also explore personal finance and economic decision-making while participating in a robust stock market simulation project.

English 9

Grade Level: 9

Credits: 1.0

Description: This introductory course emphasizes reading, writing, grammar, and vocabulary development. Students will study a variety of literary genres, including novels, short stories, poetry, and drama.

English 10

Grade Level: 10

Credits: 1.0

Description: Building on English 9, this course focuses on literature analysis, advanced writing techniques, and research skills. Students will explore themes and literary devices in world literature.

English 11

Grade Level: 11

Credits: 1.0

Description: This course emphasizes American literature, including major works from various periods and movements. Students will engage in critical analysis, advanced composition, and rhetorical techniques.

English 12

Grade Level: 12

Credits: 1.0

Description: This senior-level course focuses on British literature and advanced writing skills. Students will explore a range of texts, from classic to contemporary, and complete a research project.

Financial Literacy

Grade Level: 9-11

Credits: 1.0

Description: This course equips students with essential financial skills, including budgeting,

saving, investing, credit management, and understanding taxes. Practical applications and real-life scenarios are emphasized.

Geometry

Grade Level: 9-10

Credits: 1.0

Description: Students will study the properties and relationships of geometric figures, including points, lines, planes, angles, triangles, and circles. Topics include congruence, similarity, transformations, and trigonometry basics.

Health

Grade Level: 9-10

Credits: 0.5

Description: This course covers physical, mental, and social health topics, including nutrition, fitness, substance abuse prevention, and personal safety. Emphasis is placed on making informed health decisions.

History Through TV & Film

Grade Level: 9-12

Credits: 0.5

Description: This course examines historical events and periods through the lens of television and film. Students will analyze the accuracy and impact of media portrayals on public understanding of history.

Human Geography

Grade Level: 10-12

Credits: .05

Description: This course explores the relationships between people, places, and environments. Topics include population dynamics, cultural patterns, urbanization, and globalization, with an emphasis on geographic concepts and spatial analysis.

Life Skills

Grade Level: 9-10

Credits: 1.0

Description: This course provides practical skills for everyday living, including cooking, sewing, time management, job readiness, and basic financial literacy. Emphasis is placed on independence and personal responsibility.

Magi Leadership I & II

Grade Level: 9-12

Credits: 1.0

Description: This course focuses on developing leadership skills through community service, team-building activities, and leadership theory. Students will plan and execute projects that benefit the school and local community.

Marketing

Grade Level: 9-12

Credits: 1.0

Description: Students will learn the fundamentals of marketing, including market research, advertising, sales strategies, and consumer behavior. The course includes practical projects and case studies.

Michigan History

Grade Level: 9-11

Credits: 0.5

Description: This course explores the history of Michigan from its indigenous peoples to the present day. Topics include statehood, economic development, and significant historical figures and events.

Music & Culture Appreciation

Grade Level: 9-12

Credits: 1.0

Description: Students will explore the role of music in different cultures and historical periods. The course includes listening, analysis, and appreciation of various music genres and traditions.

Officiating

Grade Level: 10-12

Credits: 0.5

Description: This course trains students in the rules and mechanics of officiating sports. Topics include ethics, conflict resolution, and the physical and mental demands of officiating. Students will become trained to officiate sporting events through MHSAA curriculum.

PE (Physical Education)

Grade Level: 9-12

Credits: 0.5

Description: This course promotes physical fitness, teamwork, and sportsmanship through a

variety of activities, including team sports, individual sports, and fitness training. Emphasis is placed on lifelong fitness and health.

Physical Science

Grade Level: 9

Credits: 1.0

Description: This introductory course covers basic principles of physics and chemistry, including motion, energy, forces, matter, and chemical reactions. Laboratory experiments and hands-on activities are key components.

Robotics

Grade Level: 10-12

Credits: 1.0

Description: Students will learn the basics of robotics design, programming, and engineering. The course includes building and programming robots to complete specific tasks and participating in competitions.

Statistics

Grade Level: 11-12

Credits: 0.5

Description: This course introduces students to the principles of statistics, including data collection, analysis, and interpretation. Topics include probability, hypothesis testing, and statistical inference.

STEAM (Science, Technology, Engineering, Arts, and Mathematics)

Grade Level: 9-12

Credits: 1.0

Description: This interdisciplinary course integrates science, technology, engineering, arts, and mathematics through project-based learning. Students will work on collaborative projects that address real-world problems.

Trigonometry

Grade Level: 11-12

Credits: 0.5

Description: This course covers the study of triangles, trigonometric functions, identities, and equations. Students will apply trigonometry to solve problems in various fields, including engineering and physics.

US History

Grade Level: 9

Credits: 1.0

Description: This course covers the history of the United States from pre-colonial times to the present. Major themes include the founding of the nation, civil rights movements, and the role of the U.S. in global affairs.

World History

Grade Level: 10

Credits: 1.0

Description: Students will study global history from ancient civilizations to the modern era. Topics include the development of cultures, empires, revolutions, and the impact of global interactions.

Essentials Course Catalog

Algebra I A & B

Algebra I is a foundational course essential for future high school math. It covers basic skills through step-by-step modules and hands-on labs, making concepts like numbers, graphs, and equations relatable. Students will solve real-world problems related to sports, travel, business, and health, gaining the confidence and strategies needed for all high school math challenges.

Algebra II A & B

This course allows students to learn while having fun. Interactive examples help guide students' journeys through customized feedback and praise. Mathematical concepts are applied to everyday occurrences such as earthquakes, stadium seating, and purchasing movie tickets. Students investigate the effects of an equation on its graph through the use of technology. Students have opportunities to work with their peers on specific lessons.

English 1 A & B

This full credit course is provided for students who have previously taken English I, and were not successful. Students may take one or both segments of this course. Students will develop language arts skills by reading, writing, listening, viewing, and speaking. Students will learn to use the English language to successfully express themselves.

English 2 A & B

The purpose of this course is to provide grade 10 students who have not passed English II an opportunity to recover the course credit. This course uses texts of high complexity, integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness.

English 3 A & B

English III for Credit Recovery is a high school course that covers active reading and analysis of literary and informational texts of high complexity; writing for varied purposes; listening, speaking, and viewing skills; and collaboration for college and career preparation and readiness. Students are exposed to high-complexity texts on a deeper level, spending more time with that text and writing to that text.

English 4 A & B

English IV Credit Recovery covers reading literature, reading informational text, applying language skills, writing (informational, narrative, and argument), researching and presenting strategies, and speaking and listening skills. Students will be exposed to literature on a deeper level, spending more time with one text and writing to that text.

Physical Science A & B

In Physical Science, students explore these concepts and more, covering the basics of physics and chemistry. Through scientific inquiry, interactive experiences, collaborative projects, and virtual labs, students will learn to understand and apply these principles in daily life. Major topics include speed, velocity, acceleration, Newton's laws, momentum, forces, work, power, energy, energy transfer, electrical charges and currents, circuits, magnetism, waves, sound, and light.

World History A & B

Join time travelers Ali and Soo-jin as they explore World History. In Segment 1, students will study the Roman Empire, Islamic Empires, Medieval Europe and Japan, and major kingdoms in the Americas and Africa, culminating with the Renaissance and Reformation. Segment 2 covers the Age of Enlightenment, social and political revolutions, the 19th-century industrial shift, nationalism, colonialism, and the world wars, ending with modern developments and their historical impact.

U.S Government

This course covers government structure and power distribution at local, state, and federal levels. Students will explore the principles behind the Constitution and Bill of Rights, the functions of each government branch, the election process, and ways citizens influence public

policy. The course examines the impact of media, interest groups, and influential citizens, as well as the U.S. Court system. Students will engage in judicial decision-making and learn about the U.S.'s interactions with other countries through various policies.