

Central Middle School Class Course Catalog 2023-2024 School Year

This course catalog contains all courses for Central Middle Iron Mountain Public School Students. These courses are available to all Traditional and Non Traditional Students at IMPS. Contact the Guidance Counselor's Office: Shelly Petrusch: petruschs@imschools.org

These specific online virtual courses listed below are non-essential and are capable of generating credit or grade progression. All courses in this catalog including Optional Extended Learning Opportunity (ELO) have been approved by the IMPS Schools Board of Education and are offered and available to all students (full time, part-time, homeschool, traditional IMPS public students and nonpublic/shared time students).

The courses listed below have a specific ELO component and are optional and do not generate grade or course completion. The ELO's are offered and available to all students (full time, part-time, homeschool, traditional IMPS public students and nonpublic/shared time students) at the Homeschool Partnership located at 800 East E Street.

As a Middle School student, we are excited to offer your child additional learning opportunities:

- Fulfill our high school requirements with a passing grade in both Health 8 and Physical Education 8, each one term**
- Experience a rotation of Music, Technology**
- Select an additional full year class elective**
- Enroll in Math, English, Social Studies, and Science for the full year CORE TRADITIONAL AND VIRTUAL ONLINE (OL)**

Below is a brief course description of our middle school tech classes:

Computers 7: (7th gr; semester course) During this course, students will be introduced to the basics of Google Workspace's Productivity Tools (Drive, Chrome, Keep, Mail, Docs, Sheets, Slides, and Forms). The focus will be on selecting the best tool for the job, whether you are writing stories, creating presentations, designing a newsletter, researching, graphing data, and more. This class will also help you to be more organized and prepared for other courses at IMPS.

STEM 7: (7th gr; semester course) The STEM acronym stands for science, technology, engineering, and mathematics. All of these academic disciplines rely heavily on each other, and are highly integrated in the professional and academic world. In this class, students will be introduced to the Engineering Design Process through a variety of challenges that cover areas in astronomy, biology, anthropology, forensics, mathematics, medicine, 3D modeling and much more. All activities include potential career options for students to consider. This is a hands-on, project-based course so come ready to explore, be creative, collaborate with peers, and find solutions to challenging problems.

Computers 8: (8th gr; full year) This class is an introductory computer science course in which students look outward and explore the impact of computer science on society. It covers topics such as problem solving, programming, and physical computing, while inspiring students as they build their own websites, apps, animations, games, and physical computing systems. Students will see how a user-centered design process produces a better application, how data is used to address problems that affect large

numbers of people, and how physical computing with circuit boards allows computers to collect input and return output in a variety of ways.

MS ELECTIVE COURSES STEM 7/8: (7TH GR & 8TH GR)

The study of statistics and probability will give students the graphical and numerical techniques they need to analyze data. These include counting techniques, the use of histograms and tables to study patterns, and probability models. These techniques will allow students to make predictions about real world situations that involve chance and make sound decisions based on analysis of data presented in polls and surveys. In this nine-week class, students will use sampling and bias. They will use counting techniques to determine outcomes. They will find permutations and combinations. They will determine the probability of compound events. Students will use probability distributions to determine values. Finally, students will use simulation techniques to determine probability. The CCSS covered are as follows: The class will be focusing on the Statistics and Probability (SP) Domain of both 7th and 8th grade math courses. Probability describes the likelihood of an event occurring. Statistics can be used to draw conclusions about a population.

NEWSLA "WORDS FOR THE WORLD AROUND US": (7TH GR & 8TH GR) Class will target SEL regarding motivation, engagement, and learning. Literacy is learned through news content. Reading and writing skills for middle school students is enhanced. A variety of articles to be read include arts, health, law, money, sports, science; with the students' responding in written work.

*BELOW ARE FULL YEAR CLASS ELECTIVES TO SELECT ON THE PROVIDED SCHEDULING REQUEST:

Pre-Algebra 8/Algebra 1: Students will be placed in the appropriate math class as determined by several indicators including: Algebra Prognosis Test, 7th grade math grades, teacher input, student work ethic and state math scores. Algebra counts as a high school credit, but the student's grade is only transferred as pass or fail. See Mr. Johnson or Mr. Herman for more information. Applies only to current 7th graders.

Resource room: Students who qualify for services will work with Mrs. Herman for support in their general education classes.

MS Band: Students will continue to develop the fundamental skills they have learned on their respective instruments in beginning band. However, focus will shift from individual skills and method books to playing music as a group. Which means... more sheet music! More fun! Students will explore a variety of musical styles including classical, contemporary band music, pop/rock, jazz, and music from other cultures. Students will put on 1-2 concerts, and may have other performance opportunities as well. Middle school band is open to anyone with prior musical experience, and those without musical experience if they have the director's approval in advance.

Chorus: This class is open to everyone... and ANYONE can join, regardless of ability! We will sing and perform a variety of music ranging from the classics, to pop, rock, jazz and everything in between. By joining the chorus family you will become a member of a close knit group that will have many opportunities to both perform and travel to watch productions.

Specials/Elective/Non Essential (Traditional and Non-Traditional) (ONLINE)

These specific online virtual courses are non-essential and available to all traditional and non traditional students enrolled through Iron Mountain Public Schools. These courses below are an alternative and exchange to any Specials/Elective/Non Essential (Traditional and Non-Traditional). Online Virtual Courses Generate Course Grade, Course Completion and FTE.

Students interested in taking an online virtual course must see the School Guidance Counselor for the listing of courses available and the registration materials. Contact the Guidance Counselor's Office: Shelly Petrusch: petruschs@imschools.org

The following specific Online Virtual Courses Generate Course Grade, Course Completion and FTE. Computers and District filtered internet service furnished and available. Only the Online Virtual Course generates grade, completion and FTE.

The following specific Online Virtual Courses have an Optional Extended Learning Opportunity (ELO) component with transportation available upon request. Please see ELO Transportation Documentation. Optional Extended Learning Opportunity components are OPTIONAL and do not generate grade, course completion or FTE.

Online Classes can be taken once. Multiple levels of certain courses are offered. Materials for your online course are available within the virtual environment. Computers and District filtered internet service furnished.

Iron Mountain Teachers of Record are responsible for the content, delivery, quality and assessment components of the online virtual courses within the established time frame.

ONLINE VIRTUAL COURSES are Anytime Anywhere any Place.

If interested in any Online Virtual course and/or the Optional ELO component, contact the Guidance Counselor's Office: Shelly Petrusch: petruschs@imschools.org

Middle School ELO times on Thursday are as follows: 1st ELO 9:00-10:10, 2nd ELO 10:15-11:15, 3rd ELO 11:45-12:45, 4th ELO 1:00-2:00, and 5th ELO 2:15-3:15 as specified below for each class.

PHYSICAL EDUCATION

Physical Education and Health 7 (Online)

08111

Online Virtual Course Vendor: Google Classrooms and Edmentum

Online Virtual Course Term: Semester or Full Year

Optional ELO (non credit, non grade, non course completion, non FTE generating) Location: East

Optional ELO (non credit, non grade, non course completion, non FTE generating) Time: Thursday
12:30-1:45

Teacher of Record: Matt Wonders

This health and fitness course combines the Health and Fitness components to cover topics like nutrition, stress management, substance abuse prevention, disease prevention, active fitness, physical activity, and exercise guidelines with the intention of conveying the importance of life-long wellness habits. This is a course that covers standards for Middle School and does not have any prerequisites.

Physical Education and Health 8 (Online)

08038

Online Virtual Course Vendor: Goggle Classrooms and Edmentum

Online Virtual Course Term: Semester or Full Year

Optional ELO (non credit, non grade, non course completion, non FTE generating) Location: East

Optional ELO (non credit, non grade, non course completion, non FTE generating) Time: Thursday
12:30-1:45

Teacher of Record: Matt Wonders

This health and fitness course combines the Health and Fitness components to cover topics like nutrition, stress management, substance abuse prevention, disease prevention, active fitness, physical activity, and exercise guidelines with the intention of conveying the importance of life-long wellness habits. This is a course that covers standards for Middle School and does not have any prerequisites.

MUSIC

Music 7 (Online)

05137

Online Virtual Course Vendor: Google Classrooms

Online Virtual Course Term: Semester or Full Year

Optional ELO (non credit, non grade, non course completion, non FTE generating) Location: East

Optional ELO (non credit, non grade, non course completion, non FTE generating) Time: Thursday
9:00-3:15

Teacher of Record: Dawn Kranz

This Music grade level specific course emphasizes theory application, exploring musical compositions, understanding music as creative expression and communication, and refining the ability to discern and

critique musical compositions. This is a course that covers standards for Middle School and does not have any prerequisites.

Music 8 (Online)

05138

Online Virtual Course Vendor: Google Classrooms

Online Virtual Course Term: Semester or Full Year

Optional ELO (non credit, non grade, non course completion, non FTE generating) Location: East

Optional ELO (non credit, non grade, non course completion, non FTE generating) Time: Thursday
9:00-3:15

Teacher of Record: Dawn Kranz

This Music grade level specific course emphasizes theory application, exploring musical compositions, understanding music as creative expression and communication, and refining the ability to discern and critique musical compositions. This is a course that covers standards for Middle School and does not have any prerequisites.

HOME ECONOMICS

Culinary Arts 7 (Online)

16054

Online Virtual Course Vendor: Google Classrooms and Edmentum

Online Virtual Course Term: Semester or Full Year

Optional ELO (non credit, non grade, non course completion, non FTE generating) Location: East

Optional ELO (non credit, non grade, non course completion, non FTE generating) Time: Thursday
10:30-11:45

Teacher of Record: Samantha Roberts

Intro to Culinary Arts & Nutrition provides an understanding of food's role in society, instruction in how to plan and prepare meals, experience in the proper use of equipment and utensils, and background on the nutritional needs and requirements for healthy living. Young chefs will explore current career opportunities in the food industry..This is a course that covers standards for Middle School and does not have any prerequisites.

Culinary Arts 8 (Online)

16054

Online Virtual Course Vendor: Google Classrooms and Edmentum

Online Virtual Course Term: Semester or Full Year

Optional ELO (non credit, non grade, non course completion, non FTE generating) Location: East

Optional ELO (non credit, non grade, non course completion, non FTE generating) Time: Thursday

10:30-11:45

Teacher of Record: Samantha Roberts

Intro to Culinary Arts & Nutrition provides an understanding of food's role in society, instruction in how to plan and prepare meals, experience in the proper use of equipment and utensils, and background on the nutritional needs and requirements for healthy living. Young chefs will explore current career opportunities in the food industry..This is a course that covers standards for Middle School and does not have any prerequisites.

ART

Art 7 (Online)

55187

Online Virtual Course Vendor: Google Classroom and Edmentum

Online Virtual Course Term: Semester or Full Year

Optional ELO (non credit, non grade, non course completion, non FTE generating) Location: East

Optional ELO (non credit, non grade, non course completion, non FTE generating) Time: Thursday

2:00-3:15

Teacher of Record: Kristin Stanchina

Art is a grade level specific online course that introduces and reinforces students' understanding in the forms of art. Helping them form an aesthetic framework. Through this framework they can process, judge, and critique art. These courses also explore the place and significance of art in their current society. This is a course that covers standards for Middle School and does not have any prerequisites.

Art 8 (Online)

55188

Online Virtual Course Vendor: Google Classrooms and Edmentum

Online Virtual Course Term: Semester or Full Year

Optional ELO (non credit, non grade, non course completion, non FTE generating) Location: East

Optional ELO (non credit, non grade, non course completion, non FTE generating) Time: Thursday

2:00-3:15

Teacher of Record: Kristin Stanchina

Art is a grade level specific online course that introduces and reinforces students' understanding in the forms of art. Helping them form an aesthetic framework. Through this framework they can process, judge, and critique art. These courses also explore the place and significance of art in their current society. This is a course that covers standards for Middle School and does not have any prerequisites.

Introduction to Cinematography 7 (online)

05168

Grade: 7

Online Virtual Course Vendor: Google Classrooms and Edmentum

Online Virtual Course Term: Semester or Full Year

Optional ELO (non credit, non grade, non course completion, non FTE generating) Location: East,

Optional ELO (non credit, non grade, non course completion, non FTE generating) Time: Thursday 10:15-11:15

Teacher of Record: Kristin Stanchina

This courses emphasize the application of the fundamental processes of artistic expression. These course include the history and development of cinema, television, and video production. Students explore a range of skills needed to explore contemporary social, cultural, and political issues and creatively solve problems within and through cinematic or video productions. Students engage in critiques of their cinematic or video productions, those of others, and productions of professional cinematographers or video artists for the purpose of reflecting on and refining work for presentation.

Introduction to Cinematography 8 (online)

05168

Grade: 8

Online Virtual Course Vendor: Google Classrooms and Edmentum

Online Virtual Course Term: Semester or Full Year

Optional ELO (non credit, non grade, non course completion, non FTE generating) Location: East,

Optional ELO (non credit, non grade, non course completion, non FTE generating) Time: Thursday 10:15-11:15

Teacher of Record: Kristin Stanchina

This courses emphasize the application of the fundamental processes of artistic expression. These course include the history and development of cinema, television, and video production. Students explore a range of skills needed to explore contemporary social, cultural, and political issues and creatively solve problems within and through cinematic or video productions. Students engage in critiques of their cinematic or video productions, those of others, and productions of professional cinematographers or video artists for the purpose of reflecting on and refining work for presentation.

TECHNOLOGY

Educational Technology 7 (Online)

10003

Online Virtual Course Vendor: Schoology and Code.org

Online Virtual Course Term: Semester or Full Year

Optional ELO (non credit, non grade, non course completion, non FTE generating) Location: East

Optional ELO (non credit, non grade, non course completion, non FTE generating) Time: Thursday
9:00-10:15

Teacher of Record: Samantha Roberts

This course introduces or expands students' knowledge of computers, the functions and uses of computer technology, the language used in the industry, and possible applications of various computer-based technologies. Students are encouraged to explore legal and ethical issues associated with computer technology use, as well as how changes influence modern society. This is a course that covers standards for Middle School and does not have any prerequisites.

Educational Technology 8 (Online)

10003

Online Virtual Course Vendor: Schoology and Code.org

Online Virtual Course Term: Semester or Full Year

Optional ELO (non credit, non grade, non course completion, non FTE generating) Location: East

Optional ELO (non credit, non grade, non course completion, non FTE generating) Time: Thursday
9:00-10:15

Teacher of Record: Samantha Roberts

This course introduces or expands students' knowledge of computers, the functions and uses of computer technology, the language used in the industry, and possible applications of various computer-based technologies. Students are encouraged to explore legal and ethical issues associated with computer technology use, as well as how changes influence modern society. This is a course that covers standards for Middle School and does not have any prerequisites.

Introduction to Forensics 7 (online)

15055

Grade: 7

Online Virtual Course Vendor: Google Classrooms and Edmentum

Online Virtual Course Term: Semester or Full Year

Optional ELO (non credit, non grade, non course completion, non FTE generating) Location: East,

Optional ELO (non credit, non grade, non course completion, non FTE generating) Time: Thursday
11:45-12:45

Teacher of Record: Jeff Christiansen

This courses provide an overview of the theoretical understanding and practical application of forensic science techniques. It explores the applied science and the fields of biology, chemistry, physics, and crime science investigation. Topics typically covered may include genetics, anthropology, toxicology, entomology, ballistics, pathology, computer forensics, fire debris and trace evidence among others. This course covers standards for Middle school and does not have any prerequisites.

Introduction to Forensics 8 (online)

15055

Grade: 8

Online Virtual Course Vendor: Google Classrooms and Edmentum

Online Virtual Course Term: Semester or Full Year

Optional ELO (non credit, non grade, non course completion, non FTE generating) Location: East,

Optional ELO (non credit, non grade, non course completion, non FTE generating) Time: Thursday 11:45-12:45

Teacher of Record: Jeff Christiansen

This courses provide an overview of the theoretical understanding and practical application of forensic science techniques. It explores the applied science and the fields of biology, chemistry, physics, and crime science investigation. Topics typically covered may include genetics, anthropology, toxicology, entomology, ballistics, pathology, computer forensics, fire debris and trace evidence among others. This course covers standards for Middle school and does not have any prerequisites.

Life Skills 7 (online)

19257

Grade: 7

Online Virtual Course Vendor: Google Classrooms and Edmentum

Online Virtual Course Term: Semester or Full Year

Optional ELO (non credit, non grade, non course completion, non FTE generating) Location: East,

Optional ELO (non credit, non grade, non course completion, non FTE generating) Time: Thursday 2:15-3:15

Teacher of Record: Samantha Roberts

The course provides students with information about a wide range of subjects to assist them in becoming wise consumers and productive adults. These courses often emphasize process skills, including goal-setting, decisionmaking, and other topics such as the setting of priorities, money and time management, interpersonal relationships, and the development of the self. Additionally, specific topics such as wellness, nutrition, preparing food, selecting clothing and building a wardrobe.. This is a course that covers standards in Middle School and does not have any prerequisites.

Life Skills 8 (online)

19257

Grade: 8

Online Virtual Course Vendor: Google Classrooms and Edmentum

Online Virtual Course Term: Semester or Full Year

Optional ELO (non credit, non grade, non course completion, non FTE generating) Location: East,

Optional ELO (non credit, non grade, non course completion, non FTE generating) Time: Thursday 2:15-3:15

Teacher of Record: Samantha Roberts

The course provides students with information about a wide range of subjects to assist them in becoming wise consumers and productive adults. These courses often emphasize process skills, including goal-setting, decisionmaking, and other topics such as the setting of priorities, money and time management, interpersonal relationships, and the development of the self. Additionally, specific topics such as wellness, nutrition, preparing food, selecting clothing and building a wardrobe.. This is a course that covers standards in Middle School and does not have any prerequisites.

FOREIGN LANGUAGE

Spanish 1 (Online)

24052

Online Virtual Course Vendor: Lincoln Learning

Online Virtual Course Term: Semester or Full Year

Optional ELO (non credit, non grade, non course completion, non FTE generating) Location: East

Optional ELO (non credit, non grade, non course completion, non FTE generating)

Teacher of Record: Heather Bartman

Designed to introduce and/or expand students to Spanish language and culture, Students learn how to communicate authentically in Spanish by interpreting, comprehending, and practicing a variety of vocabulary. Students will be introduced to the relationships among the products, practices, and perspectives of Spanish-speaking cultures. This is a course that covers standards for Middle School and does not have any prerequisites.

ACADEMIC COACHING/NETWORKING ONLINE (OL)

Teacher of Record: Samantha Roberts

Description: Providing students with remediation and interventions for core essentials. Focus will be on helping students examine their learning styles and assisting with current difficulties or barriers to academic success and supporting their online learning. This will be done through individual direct instruction/academic coaching. Resources for parents on how to assist their child with academic issues will be available. There will also be time for parent discussion and networking regarding academic concerns and sharing of ideas.