

Pelham Memorial High School
Ninth Grade Elective Selection Sheet
Class of 2023

Welcome to the course selection process for ninth grade! Ninth grade students choose one (1) elective course, an alternate and a Physical Education course. Students who enroll in Band, Chorus, or Orchestra may select an additional elective, or two ½ credit electives. All students must pass one (1) credit of Art/Music to graduate. Typically, students complete their Art/Music course in ninth grade.

Instructions: Please indicate a first and second choice elective in the spaces provided below. Please circle a Physical Education choice where indicated.

*Studio in Art: 2D Focus	Print Journalism
*Studio in Art: 3D Focus	Spanish 1
*Design and Draw	Italian 1
*Concert Chorus	Latin 1
*Orchestra	3D Drawing
** Studio in Drawing and Painting	Human Rights
Studio in Ceramics 1	Global Arts
Studio in Ceramics 2	Animation
Intro to Science Research 1	Architectural Design
Yearbook Production and Print	Creative Writing
Computer Graphic Art	The Science in Coaching
Advanced Computer Graphic Art	21st Century Technology
Introduction to Programming and Robotics	
Introduction to Programming and App Design	

**These courses will satisfy the NYS Art/Music graduation requirement.*

***Offered only for students who complete Studio in Art, Period 0, as 8th graders*

STUDENT NAME (print) _____

Elective First Choice _____

Elective Second/Alternate Choice _____

Physical Education (Circle One)

Competitive PE

OR

Lifetime PE

Every effort will be made to schedule the student's first choice elective. If this is not possible, the alternate course will be considered for scheduling purposes.

Pelham Memorial High School

Ninth Grade Elective Course Descriptions Class of 2023

Ninth grade students will typically enroll in coursework totaling between 5.5 and 7 credits as outlined below:

English	1 credit
Global Studies 1	1 credit
Math	1 credit
Living Environment	1 credit
LOTE (Language other than English)	1 credit
Physical Education	.5 credit
Writing Seminar	.5 credit
Elective	1 credit

Students enrolled in Band, Chorus, or Orchestra may also select an additional elective, or two ½ credit electives. Students may enroll in Band/Chorus, Band/Orchestra or Chorus/Orchestra on alternating cycle days for 1 full credit. Students may also select Band, Chorus or Orchestra on alternating days for ½ credit. *In rare circumstances, students may also waive their lunch period to take additional courses.*

Students are *encouraged* to fulfill the NYS Art/Music graduation requirement as ninth graders to prevent potential scheduling challenges in later years; however students are able to meet this requirement *at any time* during their high school career.

Art/Music Courses

The following courses will satisfy the NYS graduation requirement in Art/Music.

STUDIO IN ART: 2-D FOCUS is a foundation course that is prerequisite for all advanced fine art electives. It is designed to introduce the visual arts to the high school student. Students will learn the purpose of a studio, various art techniques and background art history. The class will have a 2-D focus (drawing, painting, printmaking, collage and other 2-D art-making techniques), but students will also get a taste of 3-D media. From the experience of working with various materials, students can make a decision about which course to pursue next in their high school study of Art. This course satisfied the NYS Art requirement necessary for graduation. ***(1 credit) Course # 0631***

STUDIO IN ART: 3-D FOCUS is a foundation course that is prerequisite for all advanced fine art electives. It is designed to introduce the visual fine arts to the high school student. Students will learn the purpose of a studio, various art techniques and background art history. The class will have a 3-D focus (ceramics, sculpture, etc.), but students will also get a taste of 2-D media. From the experience of working with various materials, students can make a decision about which courses to pursue next in their high school study of Art. This course satisfied the NYS Art requirement necessary for graduation. ***(1 credit) Course # 0632***

DESIGN AND DRAW is a foundation course that introduces the high school student to graphic design and provides opportunities for creative thinking, design decision-making, and self-expression. Students will use computer graphics to learn about the elements and principles of art and design. Projects will also incorporate learning from other subjects, such as Art History, Math, and Social Studies. Each project will be printed in color and will become part of each student's portfolio. This course satisfies the NYS Art requirement necessary for graduation. **(1 Credit) Course #0618**

CONCERT CHORUS students engage in the process of learning proper vocal technique, diction, musicianship training which includes theory, music history and sight reading. Students will experience and perform a wide variety of Choral music from different styles, periods and languages. Performances at winter and spring concerts and in the High School assembly programs are mandatory. Sectionals (group lessons) are a requirement of all Chorus students. These lessons provide students with the opportunity to develop specific techniques through differentiated instruction. Sectionals are essential to student success in individual performance and ensemble contribution. ***Prerequisite: Audition with Director (1 credit Course # 0701 or ½ credit Course # 0708 with Band or Orchestra)***

BAND Performance of various types of band music from all periods is undertaken. Participation includes the marching and concert bands. Attendance at all performances is mandatory and outside practice is also required. The group performs at all football games, some parades, schools assemblies, and holiday and spring concerts, as well as other special occasions. The group also meets in various small ensembles to explore other literature. ***Prerequisite: Instrumental experience. (1 credit Course # 0706 or ½ credit Course # 0707 with Chorus or Orchestra)***

ORCHESTRA Orchestra students engage in the process of preparation for and performance of concerts. While in preparation, students develop skills and rehearsal techniques necessary for ensemble playing. Through individual practice, students become more proficient in their instruments. Sectionals (group lessons/rehearsals) are a requirement of all string students. These lessons provide students with the opportunity to develop specific techniques through differentiated instruction. Sectionals are essential to student success in individual performance and ensemble contribution. ***Prerequisite: Ability to read music and audition. (1 credit Course # 0711 or ½ credit Course # 0710 with Band or Chorus)***

Additional/Alternate Electives Available to Ninth Grade Students

Ninth grade students may choose from any of the following elective course options. Please be aware, students MUST complete one (1) credit of Art/Music in sophomore, junior or senior year to graduate.

STUDIO IN DRAWING AND PAINTING *(for students who completed the period 0, Studio in Art course in 8th grade)* is an advanced-level elective Art class and is recommended for portfolio track. Students will use the knowledge and techniques they learned in Studio in Art and/or Design and Drawing for Production and further develop their individual style and creativity in drawing and painting. Through a wide variety of subjects, media and background art history, students will learn more about the advanced practices, techniques and procedures in creating and producing 2-D art. The student's goal is to begin to develop a more sophisticated portfolio that represents his/her personal style. Please know the demands and expectations for an advanced class are more challenging than an entry level art class. **(1 credit) Course # 0633**

GLOBAL ARTS

Global Arts is an elective course that will satisfy the mind of the art and culture curious. Over the course of the year the class will examine art objects specific to a series of cultures from around the world. We will explore the ways in which these objects are used, made and how different cultures have their own concepts of aesthetics. As a class we will analyze art objects in a cultural context and learn how specialized objects play a role in various societies. This course will utilize two and three dimensional design techniques and creative problem solving, using the elements and principles of design. Introduction to art history and exposure to a variety of world cultures will guide students towards an appreciation of both craft and design. **(1 Credit)**

INTRO TO RESEARCH I

This is the first course in a four-year sequence that creates the foundation necessary for students to be successful in their future research experience. Working both individually and in small groups, students engage in the scientific method through a variety of short and long term science experiments. Students learn the basics of journal article comprehension, writing research papers, statistical analysis and public speaking. As freshmen, students work in our Biotechnology Lab, where they demonstrate various skills they learn about in their Living Environment classes, such as DNA amplifications via Polymerase Chain Reaction, Restriction Enzyme Analysis, Bacterial Transformations, and Culture and Identification of Bacteria. Students also learn how to prepare reagents, perform sterile techniques, and run and maintain a biotechnology laboratory. ***Prerequisite: Summer assignment. (1 credit) Course # 0444***

SPANISH 1

Course # 0531

FRENCH 1

Course # 0511

ITALIAN 1

Course # 0521

Level 1 is an introduction to the target language and culture. A communicative-based approach is used in teaching the basic skills of a foreign language: listening comprehension, speaking, reading and writing. The cultural aspects are introduced through readings and supplementary materials. The language laboratory is an integral part of the course work. **(1 credit)**

LATIN 1

Through selected readings and exercises, students begin to acquire knowledge of basic Latin grammar and vocabulary. Skills are enhanced by oral, writing and reading drills. The influence of Latin on the English language is emphasized, as is the legacy that Roman culture, mythology and history have left to Western civilization. **(1 credit) Course # 0501**

HUMAN RIGHTS (9-12)

In 1948 the United Nations adopted the Universal Declaration of Human Rights (UDHR), a document that enumerates thirty basic rights that belong to all humans, everywhere, and calls for the international community to promote and preserve these rights. The UDHR serves as the foundation for the Human Rights class. This course will trace the idea that all humans have rights, from its theoretical roots to the present day. Students will learn about the thirty basic rights, study how they are being violated around the world, and plan ways that can address and spread awareness of these rights. The course will focus on controversial human rights issues from history and today including genocide, slavery, gender, and children. As a result, **this is a rigorous honors weight-bearing elective course. (½ Credit) Course #0267**

STUDIO IN CERAMICS 1

Studio in Ceramics is an elective class designed for students who are interested and enjoy working with clay. Students will experiment with a variety of hand building techniques (pinching, coiling and slab building) while creating a wide variety of theme related vessels, reliefs and free-standing sculpture. Students will learn the properties of handling and recycling clay as well as glazing and firing techniques. The course will cover as many approaches to the use of clay as possible, always allowing time for the student to explore methods of the greatest interest and value to him/her.

(1/2 Credit) Course #0648

STUDIO IN CERAMICS 2

Prerequisite: Ceramics 1

1/2 Credit

Students will continue to develop skills in hand building: pinch, coil, and slab construction. Students will learn to create larger pieces while developing refinement of form, and will learn additional glazing techniques. **(½ Credit)**

YEARBOOK PRODUCTION AND PRINT

The Pelican Yearbook has received national recognition in creative concept, layout and design, photography and overall yearbook production from CSPA (Columbia Scholastic Press Association) and NSPA (National Scholastic Press Association). This course teaches students 21st century real world life skills in desktop publishing. Students work closely together as a yearbook team and perform all the skills and processes necessary to publish the Pelican

Yearbook, the largest single publication created by students in our school district. Students will learn and demonstrate the skills involved in the publishing industry which includes layout design, interviewing, writing and editing skills, technology skills, digital photography skills, business management and team building. In addition, students will attend Yearbook workshops at Pace University, Columbia University and an optional summer program at Gettysburg College.

(1 Credit) Course #0639

COMPUTER GRAPHIC ART

This course will introduce students to Adobe Illustrator, a design-industry standard. Students will learn concepts, features and tools while they begin to understand graphic design. They will learn to create precise drawings and graphics and will understand the tools and commands in Adobe Illustrator. Each project will be printed in color and will become part of the student's portfolio. **(1/2 Credit) Course #0623**

ADVANCED COMPUTER GRAPHIC ART

Prerequisite: Computer Graphic Art

This course follows the Computer Graphic Art course. Students will continue using Adobe Illustrator, a design-industry standard. Students will continue learning to create precise drawings and graphics and will add to their understanding of the tools and commands in Adobe Illustrator. Emphasis will be placed on aesthetics and advanced design techniques. Each project will be printed in color and will become part of the student's portfolio. **(1/2 Credit) Course #0624**

3D DRAWING

Students will learn the important fundamental concepts, features and tools while they begin to master drawing, seeing and thinking in 3D. Students will work on lettering and drawing in 3D as well as

perspective drawing. These projects reinforce basic design and drawing concepts. Each project will be printed in color and will become part of the student's portfolio. (1/2 Credit) Course #0627

ANIMATION

Students will learn to use Adobe PhotoShop to design and create animation shorts. Assignments will focus on using tools and commands in Adobe PhotoShop to move objects across the animation frame. Each project will become part of the student's portfolio. (1/2 Credit) Course #0628

ARCHITECTURAL DESIGN

This is a "STEAM" class in which you will learn to make architectural drawings by making plans that combine basic design principles and mathematical measurements. Students will explore elevations and sections and learn how to use one point and two point perspective to create realistic architectural plans. In addition, students will learn how to read architectural blueprints and develop a sense for scale and depth. (1/2 Credit) Course #0649

PRINT JOURNALISM

This course is designed for students who enjoy writing non-fiction and are interested in print journalism. Students will write original journalistic pieces to be published in the school newspaper, *The Pel Mel*. Print Journalism students are responsible for producing the newspaper as a part of their class. The course focuses on the different types of journalistic writing, revision, and layout design. Each student will have the opportunity to write for the following sections in the paper: news, editorials, features, and sports. On multiple occasions throughout the year, Print Journalism students will work in conjunction with the Broadcast Production class on collaborative projects. **One credit** Course #0144

CREATIVE WRITING

In this workshop, students explore the power of words. By experimenting with poetry, short stories, plays, and other genres, students discover methods for improving their ability to express and explore their feelings and opinions, as well as their imaginations. Using a variety of inspirational techniques, including the reading of original and creative texts by past and contemporary writers, the teacher assists students in checking their own work and each other's work. In addition, students are provided with techniques for revision. The atmosphere of the class is supportive and informal, modeled on professional writer's and artist's workshops. This model requires all students to share their work and give/receive feedback throughout the semester. All writers and would-be writers are encouraged to enroll. (½ Credit) Course # 0161

THE SCIENCE IN COACHING

The Science of Coaching is a semester length course in which students study the science, engineering and technology underlying great athletic performance and coaching including: design and testing of athletic equipment, statistical analysis of individual and team performance and exercise physiology. As part of this class, students will complete a coaching internship where they will apply what they have learned. (½ Credit) Course # 0910

INTRODUCTION TO PROGRAMMING & APP DESIGN

This class is an introduction to the fundamentals of computer science using both Python and Java programming language. Students taking this class will first learn the fundamentals of coding within Python and Java. Using the acquired skills from both languages, students will then create an application

for a mobile device. This course will prepare students for continued study in computer science and ready them for independent or collegiate-level work. (1/2 Credit)

INTRODUCTION TO PROGRAMMING & ROBOTICS

This class is an introduction to computer science using both Python and Java programming language. Students taking this class will first learn the fundamentals of coding within Python and Java. Using the acquired skills from both languages, students will work with various robots to program and code. This course will prepare students for continued study in computer science and ready them for independent or collegiate-level work. (1/2 Credit)

21st CENTURY TECHNOLOGY

This hands on course will provide students for an exposure to many different technology-related skills and subjects. Students will be exposed to computer hardware, circuitry, robotics, programming, 3D modeling and printing as well as other tech-related fields. (1/2 Credit) Course 0626

PHYSICAL EDUCATION *(All students are required to take Phys. Ed. during all four years of high school)*

Competitive Sports Students are given opportunities to participate in a large range of team and individual competitive games and activities. Skills and strategies are taught and assessed. Activities include softball, volleyball, badminton, and other competitive team sports. (1 Credit) Course # 0901

Lifetime Sports and Fitness Students are given opportunities to participate in a wide variety of fitness based activities. Lifetime sports are incorporated into the program where appropriate. Students are assessed on fitness related concepts. This program is not competitive in nature. Activities include yoga, power walking, swing dancing and aerobics. (1 Credit) Course # 0902