

NORTHEAST MAGNET HIGH SCHOOL

Program of Studies 2023-2024

Course Selection

The course selections that you make now can have a great influence on what you do after graduation. We encourage students and parents to carefully read the information contained in this guide. Do not hesitate to ask questions of your counselor or teachers. Remember that it is the student's responsibility to ensure that all requirements are met according to the district and magnet guidelines.

Schedule Changes

Students may request a change to their schedule during official enrollment in late July.

Course Changes are NOT made for the following reasons:

- Preference for a different teacher, period, or semester
- Preference to be with friends in class
- Change of mind about taking a course
- A parent wants a schedule change
- Coach's request

Counselors may change a course for the following reasons:

- Every period not scheduled
- Duplication of a class
- Class incorrectly sequenced or student does not meet prerequisite
- Student lacks a class needed for graduation
- Inappropriate skill level for class (requested by the teacher)
- Repeat class can be taken with a different teacher
- Balancing class size

Full Time Students (Senior Pass Cards)

The pass card program is for seniors only. This program assists seniors who wish to attend college classes, perform community services, or participate in a magnet area internship or related experience approved by administration. To be eligible for a pass card you must meet the following criteria:

- 1 – Be on track for graduation
- 2 – Have your own transportation
- 3 – Complete the FAFSA or meet with Mrs. Neal regarding your post-secondary plans

Additional things to note are that all seniors are expected to complete magnet area projects and classes. Students may not drop the magnet class where the senior project will be completed. During the period(s) that students have a pass card, they are expected to be off the school grounds. Students may **not** remain in the building or parking lots. Also, if students are participating in sports at their base school, KSHSAA requires that they be enrolled in a minimum of five classes to be eligible to participate.

College Sports

If you are planning to play college sports, you must make sure that you meet NCAA, NAIA, or community college eligibility requirements. Please see Ms. Barger in the guidance office at least one year prior to your graduation for information on eligibility requirements.

College Course Work

Students who are eligible under college guidelines, in their junior or senior year, are encouraged to enroll in university or campus courses for dual credit. If students plan to enroll in block courses through WSU Tech, it's essential that they're on track for graduation. However, students have potential to also take courses outside of the school day for credit through various programs. These courses include a higher level of math, science, art, and criminal justice courses, as well as electives. Tuition and related costs for college courses are the responsibility of the student. To receive dual credit, prior approval from the principal is required. Please visit with a counselor if you are interested in taking a college course.

College Dual Credit Opportunities

Some classes offered at Northeast Magnet may also be taken for college credit. In order to receive college credit, students must meet the guidelines and requirements established by the college and pay any tuition and fees that the college requires. Here are the current courses offered for college credit at Northeast Magnet:

<u>NE Magnet Course</u>	<u>College</u>	<u>Course</u>	<u>College Title</u>	<u>Credits</u>
Honors English 4 (1 st sem)	WSU	ENG 101	Composition I	3 cr. hrs.
Honors English 4 (2 nd sem)	WSU	ENG 102	Composition II	3 cr. hrs.
Intro to Engineering Des.	WSU	IME 222	Engineering Graphics	3 cr. hrs.
Engineering Des. & Dev.	WSU	ENGR 101	Intro. To Engineering	3 cr. hrs.
Spanish 4	WSU	SPAN 210	Intermediate Spanish	5 cr. hrs.
Spanish 5	WSU	SPAN 220	Intern. Gram & Comp	5 cr. hrs.
Algebra 3 (2 nd sem)	WSU Tech	MTH 112	College Algebra	3 cr. hrs.
Pre-Calculus (1 st sem)	WSU Tech	MTH 112	College Algebra	3 cr. hrs.
Pre-Calculus (2 nd sem)	WSU Tech	MTH 113	Trigonometry	3 cr. hrs.
Anatomy & Phys (2 nd sem)	WSU Tech	BIO 150	Human Anat. & Physio.	5 cr. hrs.
Business Law (2 nd sem)	WSU Tech	BUS 125	Business Law	3 cr. hrs.
Financial Literacy	WSU Tech	BUS 130	Personal Finance	3 cr. hrs.
Firefighter 1	Hutch C.C.	FS 110	Firefighter 1	4 cr. hrs.
	Hutch C.C.	FS 150	Hazardous Materials Oper	1.5 cr. hrs.
	Hutch C.C.	FS 151	Fireground Operations	1 cr. hr.

Advanced Placement Courses (AP)

Another way to earn college credit is through Advanced Placement courses. These courses are taught at the college level and offer an examination at the end of the course in May. The cost of the exam is currently \$95 and scored on a scale of 1 to 5. If a student decides to take the exam and scores a 3 or higher, most colleges will award college credit. It is the student's responsibility to determine if their college of choice awards college credit for the AP exam. We currently offer the following courses for AP credit:

AP US History 2

AP Biology

AP Chemistry

AP Calculus 1

AP Stats

AP Computer Science Principles

AP Studio Art (this course utilizes a portfolio for grading instead of an exam)

Northeast Magnet High School Magnet Certificate

The goal of all Northeast Magnet students is to receive the magnet certificate. The magnet certificate connects the courses and experiences of Northeast Magnet students to their future success. Students who complete the magnet certificate receive special recognition at graduation.

Magnet Requirements:

Art

- Students must complete a minimum of 25 total credits.
- 6.5 credits of art.
- Art Survey, Drawing & Painting I, Art History, and Senior Project completed.
- All art credits must be completed with a C or better.
- Four annual art projects must be completed with a C or better.
- Students must have a minimum cumulative GPA of 2.5 or better.

Law and Public Service

- Students must complete a minimum of 25 total credits.
- Four annual law projects must be completed with a C or better.
- Students must complete a minimum of 100 hours of community service.
- Students must have a minimum cumulative GPA of 2.5 or better.
- Students must complete a minimum of 5 credits in one of the concentrated magnet areas of study---Pre-Law, Public Service, or JROTC Leadership.
 - Pre-Law Track---Introduction to Law & Public Service/Research (9th), Practical Law/Business Management(10th), Legal Proceedings (11th), Foundations in Law/Business Law (12th), Forensic Science (12th).
 - Public Service Track--- Introduction to Law & Public Service/Research (9th), Fire Fighter I (10th), Sociology/Psychology (11th) or Debate/Speech (11th), two courses remaining from the public service track for 12th.
 - JROTC Leadership Track---JROTC 1 (9th), JROTC 2 (10th), JROTC 3 (11th), JROTC 4 (12th), Sociology/Leadership Project (12th).

Science

- Students must complete a minimum of 25 total credits.
- 8 credits of science:
 - All students will take Biology and Chemistry.
 - Engineering students must take Physics.
 - Health Science students must take Anatomy & Physiology.
 - Additional courses are available (including AP options)
- 3 credits of mathematics (minimum of Pre-Calculus) or 4 credits through Algebra 3.
- Algebra 2 and Pre-Calculus (or Algebra 3) must be completed with a C or better.
- The science magnet classes must be completed with a C or better.
- Four annual science projects must be completed with a C or better.
- Students must have a minimum cumulative GPA of 2.5 or better.

Kansas Board of Regents Requirements for the State of Kansas Scholarship

The Kansas Board of Regents offers a scholarship to students that complete the curriculum requirements listed below. Students that have completed the scholar's curriculum are then evaluated based on their GPA and ACT score to be designated as a State of Kansas Scholar. The academic profile for the previous year scholars included an average ACT of 30 and average GPA of 3.91. Designated State Scholars may receive up to \$1,000 annually based on financial need as measured by the Federal Methodology using data submitted on the FAFSA and on the availability of state funds.

English – 4 credits

Math - 4 credits: Must be Algebra 1 or higher.

Science - 3 credits: Students must take: Biology, Chemistry, and Physics.

Social Studies – 3 credits: Must include one credit each of US History 1 and US History 2 in addition to one-half credit each of World History and Government.

Foreign Language - 2 credits: Students are required to complete two high school credits in one foreign language.

Course Requirements for High School Graduation

USD 259

Credit-Based Requirements

The minimum requirement for a Wichita high school diploma is 23 units of credit. This includes credits earned in approved high school programs.

Definition: Each high school shall organize its program based on units of credit. Depending on the course and the nature of course delivery, units of credit will be awarded in increments of one full (1.0) credit, one-half (0.5) or one-quarter (.25) credit.

Required Courses for Graduation are:

1. Four (4) units of credit in English 4
English 1 (Grade 9), English 2 (Grade 10), and English 3 (Grade 11) are required courses. Students should consult the enrollment guide, English teachers, or counselors about the fourth unit of English credit which must be earned in the final two semesters prior to graduation.
2. Three (3) units of credit in Social Studies 3
Units must include study in U.S. History 1 (one unit), U.S. History 2 (one unit), Government (1/2 unit), and World Studies (1/2 unit).
3. Three (3) units of credit in Mathematics 3
Units must include Algebra 1 or higher-level math courses.
4. Three (3) units of credit of Science 3
A total of 3.0 credits in science course numbers 4000-4999.
5. One (1) unit of credit in Physical Education Foundations (8748-8749) or Modified Physical Education 1
6. One (1) unit of credit in Fine Arts. (Fine Arts shall include art, music, dance, theatre, forensics, and other similar studies selected by the local board) 1
7. One half (1/2) unit of credit in Financial Literacy 1/2
8. One half (1/2) unit of credit in Career and Technical Education 1/2
9. Students must earn seven units of elective credit 7

*** A student must meet all district graduation requirements to participate in graduation exercises.***



Required	16
Electives	<u>7</u>
TOTAL	23

NORTHEAST MAGNET CURRICULUM 2023-2024

FINE ARTS

Prin of Illustration/Art Survey (9 th Art)	5778-8013
Drawing & Painting 1 (10 th Art)	8251-8252
Art History (11 th Art)	8010-8011
Introduction to Drawing/Art	8175X-8202
Drawing 2	8157-8158
Drawing 3	8159-8160
Painting 2	8165-8166
Painting 3	8169-8170
Ceramics 1	8311-8312
Ceramics 2	8321-8322
Ceramics 3	8323-8324
Sculpture 1	8119-8120
Sculpture 2	8191-8192
Sculpture 3	8193-8194
Photo Imaging 1	8131-8132
Photo Imaging 2	7255-7256
Graphic Design	5781-5782
3D Modeling	5741-5742
Digital Video Production 1	5725-5726
Video Production 2	5745-5746
AP Studio Art*	8055-8056

FINE ARTS-Performing

Introduction to Theatre	8691-8692
Advanced Theatre*	8693-8694
Repertory Theatre* (repeatable for credit)	1145-1146
Stagecrafts*	8695-8696
Concert Chorale (repeatable for credit)	8541-8542
Treble Chorus* (repeatable for credit)	8539-8540
Orchestra 2 (freshmen only)	8731-8732
Orchestra 3 (repeatable for credit)	8721-8722
Band 2 (freshmen only)	8511-8512
Band 3 (repeatable for credit)	8506-8507
Jazz Band* (repeatable for credit)	8587-8588
Exp of Musical Instr (repeatable for credit)	8526-8527

LAW and PUBLIC SERVICE

Int. Law Pub Safety/Research (9 th Law)	7656-1643
Practical Law/Bus. Mgmt (10 th Law)	6173-6706
Fire Fighter 1 (10 th Law)	7352A-7353A
Debate/Speech (11 th Law)	1011-1731
Psychology/Sociology (11 th Law)	3700-3800
Legal Proceedings (11 th Law)	3517-3511
Forensic Science (12 th Law)	4401-4402
Found in Law/Business Law (12 th Law)	7631-6170

SCIENCE

Science Research & Design	4163-4164
Honors Biology	4253-4254
Astronomy/Geology	4100-4500
Honors Chemistry	4323-4324
Anatomy & Physiology	4821-4822
Forensic Science	4401-4402
Honors Physics	4783-4784
AP Chemistry	4331-4332
AP Biology	4248-4249

Bold printed courses required for graduation.

***Department Chair approval required.**

SCIENCE MAGNET

Intro. to Engineering Des. (9 th Sci)	7041-7042
Health Science I (9 th Sci)	4135F-4136X
Aerospace Engineering (10 th Sci)	7905-7906
Health Science II (10 th Sci)	7119-7120
AP Comp. Science Principles (10 th)	6755F-6756F
Principles of Applied Eng. (11 th Sci)	4011F-4012F
Medical Interventions (11 th Sci)	7123-7124
Eng. Design and Develop. (12 th Sci)	7043-7044
Biomedical Innovations (12 th Sci)	7125-7126

MATHEMATICS

Algebra 1	2111-2112
Geometry	2421-2422
Honors Algebra 2	2135-2136
Algebra 3	2021-2022
Pre-Calculus/Trigonometry	2151-2152
AP Statistics	2238-2239
AP Calculus 1	2248-2249

SOCIAL STUDIES

World History	3451-3452
US History 1	3361-3362
Honors US History 1	3363-3364
US History 2	3641-3642
AP US History 2	3647-3648
US Government/Financial Lit	3350-7610

ENGLISH

English 1	1211-1212
English 2	1221-1222
Honors English 2	1223-1224
English 3	1231-1232
Honors English 3	1233-1234
English 4	1561-1562
Honors English 4	1153-1154
Creative Writing 1 and 2	1540-1541
Speech 1 and 2 (not concurrent)	1731-1732
Young Adult Literature	1257-1258

FOREIGN LANGUAGES

Spanish 1	5433-5434
Spanish 2	5435-5436
Spanish 3	5437-5438
Spanish 4	5439-5440
Spanish 5	5443-5444

JROTC

Leadership Training & Education 1	9221-9222
Leadership Training & Education 2	9223-9224
Leadership Training & Education 3	9225-9226
Leadership Training & Education 4	9227-9228

PHYSICAL EDUCATION

Physical Education & Health Found.	8748-8749
Lifetime Sports (repeatable for credit)	9207-9208
Weight Train & Con (repeatable for credit)	9213-9214

ELECTIVES

Gaming Concepts (repeatable for credit)	6661
Digital Media (Yearbook)	7253-7254
Teacher Assistant (Teacher approval)	9181-9182
Office Assistant (Principal approval)	9183-9184

Art Magnet

The Visual Arts Program is for students considering a career in the visual arts, students considering further art education in college, and students who may simply find an extended art program personally fulfilling. Additionally, all students at NEM are welcome to take art courses in their proper sequence; however, students should expect these courses to be quite rigorous with challenging artistic concepts, complex assignments, deadlines, and class critiques.

Principles of Illustration/Art Survey (9th grade Art students only)

5778–8013

This course is a survey of art from around the world and throughout history. This course covers the basic elements of art and the basic principles of design. Students will explore a variety of art techniques including the technical aspects of drawing as well as the fundamentals of art and design. This course also meets .5 credit required in career and technical education. The required annual art project will be completed in this course.

Drawing & Painting 1 (Required for 10th grade Art students)

8251–8252

Prerequisite: Intro to Drawing or Intro to Art

Grade Level: 10, 11, 12

In this course, students will study drawing and painting using media such as pencil, ink, tempera, watercolors, and oil paint. Students will study art concepts, criticism, and history. They will practice studio techniques and solve design problems. The required annual art project will be completed in this course. This project is a self-portrait in graphite and in oil paint.

Art History (Required for 11th grade Art students)

8010-8011

This course will introduce students to significant works of art, artists, and artistic movements that have shaped the art world. Course content will be presented in lecture, read, written and visual presentations; and will cover the evolution of art from ancient art to contemporary art. Critical analysis of visual images will be a major aspect of this class both in verbal and written forms. Additionally, students will create art related to specific movements to further explore those art aspects.

Introduction to Drawing Design and Art (non-art magnet fine art credit)

8175X-8202

Grade Level: 9, 10, 11, 12

In this course, students will study art concepts and apply the elements and principles of design in art production activities. The foundation of studio art practice will cover a variety of media within the art making process. This course provides a survey of art philosophy, history, aesthetics, and criticism. This class meets the fine arts graduation requirement.

Drawing 2

8157–8158

Prerequisite: Drawing & Painting 1

Grade Level: 11, 12

This course is designed to introduce students to advanced drawing techniques, different drawing styles, and experimental techniques using advanced drawing media.

Drawing 3

8159–8160

Prerequisite: Drawing 2

Grade Level: 12

Students will build upon knowledge gained in the Drawing 1 and 2 classes. They will develop a more personal style, trying new drawing styles and experimental techniques. Mixed media and the latest techniques and processes will be explored.

Painting 2

8165–8166

Prerequisite: Drawing & Painting 1

Grade Level: 11, 12

This course provides students an opportunity to further explore painting techniques. Students will experience a variety of painting styles and media. They will choose a media they prefer and work to excel in that media.

Painting 3

8169–8170

Prerequisite: Painting 2

Grade Level: 12

Students will build upon knowledge gained in the Painting 1 and 2 classes. They will develop a more personal style, trying new painting styles and experimental techniques.

Ceramics 1

8311–8312

Grade Level: 10, 11, 12

This course is an introduction to ceramics. Students will learn the basic methods of clay construction in hand-built ceramics. Students will also be introduced to the basic techniques of glazing and firing ceramics.

Ceramics 2 Prerequisite: Ceramics 1 Grade Level: 11, 12 In this course, students will extend their study of techniques developed in Ceramics 1. Emphasis will be placed on individual growth in throwing on the potter's wheel, hand-built pottery, and realistic and abstract interpretation in ceramic sculpture.	8321–8322
Ceramics 3 Prerequisite: Ceramics 2 Grade Level: 12 Students will build on their knowledge gained in Ceramics 1 and 2. They will continue to refine their skills and artistic concepts.	8323–8324
Sculpture 1 Grade Level: 10, 11, 12 This course is an introduction to the world of sculpture, with an emphasis on contemporary art. Students will experiment with a variety of media, including wood, foam, plaster, clay, natural materials, plastic, and mixed media.	8119-8120
Sculpture 2 Prerequisite: Sculpture 1 Grade Level: 11, 12 Students will extend their knowledge of contemporary art gained from Sculpture I. Students will work with similar media as in Sculpture I, with an expectation of using higher level thinking skills and greater artisanship. Students will have opportunities for some independent projects.	8191-8192
Sculpture 3 Prerequisite: Sculpture 2 Grade level: 12 Students will build on their knowledge gained in Sculpture 2. They will continue to refine their skills and artistic concepts through a variety of materials.	8193-8194
Photo Imaging 1 Grade Level: 10, 11, 12 This course utilizes digital cameras and photo manipulation software (Photoshop) to learn the photography field. In addition, students will explore the history of photography and major historical photographers. Cameras are provided for student use.	5715–8132
Photo Imaging 2 Prerequisite: Photo Imaging 1 Grade Level: 11, 12 This advanced level photography class takes the skills learned in Photo Imaging and incorporates complex processes and concepts. This course is repeatable for credit with instructor's consent. DSLR cameras are provided for student use.	7255F/7256F
Graphic Design Grade Level: 10, 11, 12 In this course, students will utilize the computer to create computer generated graphic designs and illustrations using Adobe's InDesign, Illustrator, and Photoshop software. In addition, students will learn the foundations of graphic design, page layout, vector, and bitmap illustration.	5781-5782
3D Modeling (Computer Graphics) Prerequisite: Graphic Design Grade Level: 11, 12 Students will learn to use AutoDesk's Maya software to create three-dimensional artworks. This artwork will be shown through three-dimensional scenes and animations. This course is repeatable for credit with instructor's consent.	5741-5742
AP Studio Art Grade Level: 12 & Instructor Approval Recommendation: 3.0 GPA or better. This AP course prepares advanced art students for the submission of their portfolio that emphasizes the breadth, concentration, and quality of their artistic work to the College Board. The highly rigorous course work is equivalent to that of introductory college courses in studio art and is recommended for highly motivated art students seriously interested in the study of art. Students are also expected to complete several artworks during the summer prior to starting the course.	8055-8056

Performing Arts - Drama

Introduction to Theatre

8691-8692

Grade Level: 9, 10, 11, 12

In this course, students will study the broad areas of acting, stagecraft, theatrical history, stage movement, costumes, make-up, lighting, play form, and pantomime. Students will see full-length plays as well as read and discuss contemporary drama. Students will learn how to criticize and evaluate a play, movie, or television play. Students will study, learn, and use safety rules and practices in theatre productions.

Advanced Theatre

8693-8694

Grade Level: 10, 11, 12

Prerequisite: Drama 1 and Teacher Approval

In this course, students will study acting techniques through sensory recall, emotional recall, concentration, vocal techniques, organizing a role, memorizing, improvising, voice and diction, and stage movement. Students will perform monologues, duets, one-act plays, as well as three one-act plays and musicals. Students will study, learn, and use safety rules and practices in theatre production. This course can be repeated for credit.

Stagecrafts

8695-8696

Grade Level: 10, 11, 12

Prerequisite: Drama 1 and Teacher Approval

In this course, students will work with stage structure, tools, emphasis on construction, maintenance and building terminology, and operation of equipment with specific emphasis on construction, maintenance and building of scenery. Students will learn construction of stage properties, setting lights, building costumes, and applying stage make-up. Students will study, learn, and use safety rules and practices in all theatre productions. This course may be repeated for credit.

Repertory Theatre

1145-1146

Grade Level: 10, 11, 12

Prerequisite: Drama 1 and Placement by Audition

Students must possess exceptional dramatic qualifications, including knowledge of technical theatre. Students are required to work with main-stage and repertory lab productions through the year in this performance-based course. Students will participate in various theatrical production mediums. This course may be repeated for credit.

Performing Arts – Vocal Music

Concert Chorale

8541–8542

Grade Level: 9, 10, 11, 12

This course is for the beginning music student. Students will explore a wide variety of musical styles through listening and singing. Students will develop, through sight-singing, basic sight-singing skills, and a vocabulary of musical terms. Students are expected to perform in concerts outside of the normal school day. This course may be repeated for credit.

Treble Chorus

8594-8595

Grade Level: 9, 10, 11, 12

Placement in this chorus is by audition or at the discretion of the director. Repertoire for this ensemble is primarily written for treble voices. Criteria for enrollment will include student ability, interest and enthusiasm. Prior vocal experience is not required. Students will study vocal techniques, a wide range of repertoire, and the improvement of individual vocal skills. Performance experiences will include concerts, musicals, solos/ensemble, some of which are mandatory. This course may be repeated for credit.

Performing Arts – Instrumental Music

Orchestra 2

8731-8732

Grade Level: 9

This course is designed for students who are continuing to develop string performance skills. Placement is at the discretion of the director. Criteria for entrance will include prior instrumental experience, ability, and interest. Students will enhance their personal performance skills and understanding of basic elements of music. A standard string text will be utilized by the director along with supplemental repertoire. Performing experiences will include concerts, assemblies, festivals, musicals, and solos/ensembles, some of which are mandatory. A uniform may be required, at the discretion of the director.

Orchestra 3

8721-8722

Grade Level: 10, 11, 12

This course is designed for students who are continuing to develop string performance skills. Placement is at the discretion of the director. Criteria for entrance will include prior instrumental experience, ability, and interest. Students will learn individual ensemble performance skills, historical and compositional information and orchestra repertoire. Performing experiences will include concerts, assemblies, festivals, musicals, and solos/ensembles, some of which will be mandatory. A uniform may be required, at the discretion of the director. This course may be repeated for credit.

Band 2

8511-8512

Grade Level: 9

This course is designed for students who are continuing to develop instrumental skills. Placement is at the discretion of the director. Criteria for entrance will include prior instrumental experience, ability, and interest. Students will study the development of tone and technique in order to enhance their personal performance skills and understanding of basic skills of music. A standard instrumental text will be utilized by the director along with supplemental repertoire. Performing experiences may include parades, field marching, indoor athletic events, concerts, assemblies, festivals, musicals, and solos/ensembles, some of which are mandatory.

Band 3

8506-8507

Grade Level: 10, 11, 12

This course is for experienced instrumentalists. Placement is by audition and at the discretion of the director. Criteria for entrance will include prior instrumental experience, ability and interest. Students will study band literature, individual and ensemble performance skills, music history and composition. Performing experiences may include parades, field marching, indoor athletic events, concerts, assemblies, festivals, musicals, and solos/ensembles, some of which are mandatory. This course may be repeated for credit.

Jazz Band

8506-8507

Grade Level: 9, 10, 11, 12

Placement is by audition or at the discretion of the director. Previous instrumental experience is required. Students, including guitarists and pianists, will study a wide range of jazz literature, history, improvisation, and listening. Participation in a number of public performances is required. This course may be repeated for credit.

Exploration of Musical Instruments

8526-8527

Grade Level: 10, 11, 12

This class explores the guitar as a non-traditional band or orchestra instrument. Students with little or no experience playing guitar may take this class. Students will learn to play the guitar. Guitars are not provided, so students will need to supply their own guitar. An acoustic or classical guitar is recommended. There will be some performance by the class as the group progresses.

Law and Public Service Magnet

The Law and Public Service program is designed for students interested in careers focused on legal and investigative issues, public service careers, and fire science. Students are introduced to legal and judicial issues, crime scene investigations, forensic science as well as local, state, and national governmental issues. Students will learn about the roles of court officers, how to write a legal brief, opinions, and contracts. All students complete a magnet project each year and have the option to participate in mock trial competitions.

Introduction to Law and Public Service/Research (Required for 9th grade Law students) 3481–1643

This course will examine law-related material and career options. It is designed to be an introduction to law and public service careers. An individual career-related project will be completed, presented, and displayed by each student. -There will be a special emphasis placed on a fire science unit in cooperation with the Wichita Fire Department.

Practical Law/Business Management (Available to 10th grade Law students) 6173-6706

This course will study the basic legal principles common to a broad base of everyday business activities and will provide practical law information necessary to develop problem-solving skills in our legal society. Topics include, but are not limited to, criminal law, juvenile law, torts, family law, discrimination, writing a brief, and employee rights. In the opposite semester, Business Management acquaints students with management opportunities and effective human relations. Students will learn skills to perform planning, staffing, financing, and controlling functions within a business. In addition, the course will provide a study of the business world, including business structure and finance, and the interconnections among industry, government, and the global economy.

Firefighter 1 (Available to 10th and 11th grade Law students) 7352A-7353A

The course will enable the student to perform basic fire service operations and gain basic knowledge of personal safety, personal protective clothing and equipment, fire service tools and equipment, fire behavior, building construction, and tactics and strategies. The student will learn requirements for initial response to hazardous materials incidents and develop team communication skills necessary for emergency operations.

Psychology/Sociology (Available to 11th grade Law students) 3700-3800

In this course, students will study the mind, consciousness, and behavior. Students will learn and apply basic theories of psychology, study the nervous system, psychobiology, perception, and personality. Emphasis will be placed on the importance of the experimental method in relation to the study of psychology. Students will write and perform approved experiments in social perception. In the opposite semester, students will study the forms, functions and institutions of human groups. Special emphasis will be placed on the studies of family relationships, and of contributory factors of improving relationships between individuals and groups.

Legal Proceedings (Available to 11th grade Law students) 3517F-3518F

This application level course is designed to explain the legal process of a courtroom including mediation, arbitration, and litigation in both civil and criminal proceedings. Students will understand the rule of law and restorative justice. Students will also apply communication and active listening skills, as well as learn case file management and the professionalism required in the legal field.

Debate/Concurrent Credit Speech (Available to 11th and 12th grade Law students) 1011-1731

In the first semester of this course, students will develop skills in systematic and logical habits of thinking, practice in preparing briefs, using research techniques, argumentative speaking, and refutation through frequent classroom speeches and debates. With the approval of the instructor, first-year debate students may participate in interscholastic competition as novice debaters as governed by KSAA. In the second semester, students will have the opportunity to earn college credit for public speaking. Students learn the fundamentals of public speaking. Units include conversation, individualized reading, parliamentary procedure, discussion, and the organization of material for formal speeches.

Forensic Science (Required for 12th grade Law students in Foundations in Law) 4401–4402

Prerequisite: Biology and Chemistry

Grade level: 11, 12

Students will study concepts in police science concerned with the legal system and gathering of evidence. This course does count as a science credit towards the graduation requirement.

Foundations in Law/Business Law (Available to 12th grade Law students) 7631-6170

This course will study the basic legal principles common to a broad base of everyday business activities and will provide practical law information necessary to develop problem-solving skills in our legal society. Topics include, but are not limited to, criminal law, juvenile law, torts, family law, discrimination, writing a brief and employee rights.

Science

Freshman Science Research and Design

4163-4164

Grade Level: 9

In this course, students will participate in a variety of hands-on science activities that concentrate on utilizing the Science and Engineering Practices to study concepts in Chemistry, Biology, and Physics. Students will learn how to plan and carry out investigations, record, analyze, and interpret data and communicate their findings in lab reports and presentations.

Honors Biology

4253-4254

Grade Level: 9, 10

Students will be expected to perform in the laboratory with a high level of accuracy and should be able to assist in the design of experiments. Laboratory write-ups will be required for each activity. Students will develop microscope techniques and prepare their own live mounts. Animal dissection, classification, populations and habitats, natural selection, heredity, and reproduction will be studied. There will be an emphasis upon appreciation of the interdependence between all life forms within an environment.

Astronomy/Geology

4100-4500

Grade Level: 10, 11, 12

Students learn about the moon, the sun, planets, comets, meteors, and stars in this course. The effects of these special bodies on earth and its tides, time, latitudes, and longitudes, and eclipses will be studied. Students learn to read about the development of the earth from its rocks and minerals. Emphasis will be upon geologic process and rock identification skills and their application to student's experiences.

Honors Chemistry 1 (Required for all 11th grade students for Board of Regents curriculum)

4323-4324

Grade Level: 10, 11, 12

This course is a more in-depth approach to the rigorous study of chemistry. The course emphasizes the strong connection between mathematics and science as all aspects are treated in an in-depth approach centering around atomic theory, chemical bonding, ionization, stoichiometry, acids and bases, and energy level. Classwork is supplemented by extensive laboratory work.

Anatomy and Physiology (Required for 12th grade Health Science students)

4821F-4822F

Prerequisite: Biology

Grade Level: 11, 12

In this course, students will study the structure systems and functions of the human body. Students will learn to study bone and other organ tissues through hands-on dissection and microscopes. Also contained in the course will be such related topics as disease and disease prevention.

Forensic Science (Required for 12th grade Law students in Foundations in Law)

4401-4402

Prerequisite: Biology and Chemistry

Grade Level: 11, 12

Students will study concepts in police science concerned with the legal system and gathering of evidence. This course does count as a science credit towards the graduation requirement.

Honors Physics (Required for 12th grade Engineering students and Board of Regents)

4783-4784

Prerequisite: Concurrent enrollment in Honors Algebra 2 is recommended

Grade Level: 11, 12

This course is a more rigorous study of physics. Students who enroll should be self-motivated, task-oriented, and persistent. Students will be expected to perform higher level math when solving physics problems. This course will cover forces and laws of nature affecting matter such as equilibrium, momentum, and relationships between matter and energy. Sound, lights, magnetic and electric phenomenon will all be studied.

AP Biology

4248-4249

Prerequisite: Honors Biology

Grade Level: 11, 12

This course is equivalent to the first-year college biology course. The content of the course and examinations will follow the guidelines of the College Entrance Examination Board and the Advanced Placement Biology program.

AP Chemistry

4331-4332

Prerequisite: Algebra 2 and Chemistry 1

Grade Level: 11, 12 This course is equivalent to the first-year college chemistry course. The content of the course and examinations will follow the guidelines of the College Entrance Examination Board and the Advanced Placement Chemistry program.

Science Magnet

Science Magnet courses follow either an Engineering or a Health Science pathway. The rigorous curriculum in these areas is intended to introduce students to basic content and then help them apply the skills learned. Students will learn content geared directly towards helping them in a future career in their chosen pathway.

Introduction to Engineering Design (Open to 9th grade Science Magnet students)

7041-7042

This is an introductory course that develops students' problem-solving skills, with emphasis on visualization and communication skills using a computer and 3-D solid modeling software. Students need to demonstrate a readiness for Algebra 1.

Health Science I (Open to 9th grade Science Magnet students)

4135F-4136X

Health Science I exposes students in the Health Science Pathway to opportunities in health informatics, therapeutics, diagnostics, support services and biotechnology careers. The course also focuses on legal and ethical responsibilities, safety, teamwork, medical terminology, and math as well as First Aid/CPR training. This course is available at Northeast Magnet and West.

Aerospace Engineering (Open to 10th grade Science Magnet students)

7905-7906

This course has a project-based curriculum that will introduce students to the world of aeronautics, flight, and engineering.

Health Science II

4137F-4138F

Health Care Research & Clinical Skills B (Open to 10th grade Science Magnet students)

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis in the body. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases.

Principles of Applied Engineering (Open to 10th grade Science Magnet students)

4011F-4012F

This is a broad-based survey course to help students understand engineering and engineering technology and to explore career options. Theoretical and hands-on problem solving are emphasized.

AP Computer Science Principles (Open to 10th grade Science Magnet students)

6745F-6746F

This course aims to develop computational thinking, generate excitement about careers that incorporate computing, introduces professional tools that foster creativity and collaboration, and provides students the opportunity to prepare and set for an AP test in this area.

Medical Interventions (Open to 11th grade Science Magnet students)

7123-7124

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

Engineering Design and Development (Open to 12th grade Science Magnet students)

7043-7044

In this course students work in teams to research, design and construct a solution to an open-ended engineering problem. Students apply principles developed in the four preceding courses and are guided by a community mentor. They must present progress reports, submit a final written report, and defend their solutions to a panel of outside reviewers at the end of the school year.

Biomedical Innovations (Open to 12th grade Science Magnet students)

7125-7126

This is the capstone of the health magnet pathway. You will play the role of a research scientist, planning, conducting & analyzing your own experiments, including using statistical analysis & making a formal research poster. You will explore challenges facing medical professionals in various fields, research previous innovations, and propose and design solutions. You will also learn professional skills and job shadow to prepare for your next phase.

Junior & Senior students also have the opportunity to take the following classes through WSU Tech:

- CNA – Certified Nurse Assistant
- CMA – Certified Medical Aide
- HHA – Home Health Aide
- Phlebotomy
- EKG Tech
- EMT – Emergency Medical Tech

Mathematics

Mathematics is essential for success in all magnet areas at Northeast Magnet. The mathematics department strives to model mathematical thought in the approach to everyday problems and to teach in the context of meaningful applications. Expectations for student achievement are high. For students who encounter difficulty or who need more individual guidance, tutoring is available. Course curriculum is aligned with district, state, and national standards. With the needs of students at the forefront, the mathematics department goal is to graduate individuals who are confident and capable in applying mathematical concepts to real-world situations.

Algebra 1

2111–2112

In this course, students will learn to communicate algebraically and to apply algebraic skills. Students will develop skills in manipulating signed numbers, graphing, working with formulas, and solving linear and quadratic equations.

Geometry

2421–2422

Prerequisite: Algebra 1

In this course, students will study properties of plane and solid figures. Emphasis will be upon obtaining information about geometric figures, developing logical thinking by means of proof, thinking in three-dimensional terms and developing an appreciation of the applications of geometry in the modern world.

Honors Algebra 2

2135-2136

Prerequisite: Geometry

This course is designed to prepare the students for College Algebra or Pre-Calculus/Trigonometry. It builds up skills acquired in Algebra and Geometry while exploring some new function families such as higher order polynomials, rational, radical, exponential, and logarithmic functions.

Algebra 3

2021-2022

Prerequisite: Algebra 2

Algebra 3 reviews and extends algebraic concepts for students who have already taken Algebra II. Course topics include (but are not limited to) operations with rational and irrational expressions, factoring of rational expressions, linear equations and inequalities, quadratic equations, solving systems of linear and quadratic equations, properties of higher degree equations, and operations with rational and irrational exponents. Students can earn up to 3 hours of college credit in this course (College Algebra) with a dual credit partnership through WSU Tech.

Pre-calculus / Trigonometry

2151-2152

Prerequisite: Honors Algebra 2

In this course, students will extend the concepts of Honors Algebra 2 to include theories of functions, systems of equations, matrices, exponential and logarithmic functions, sequences, and series, counting principles, vectors, conic sections, trigonometric equations, and trigonometric applications. Students can earn up to 6 hours of college credit in this course (College Algebra and College Trigonometry) with a dual credit partnership through WSU Tech.

AP Statistics

2238-2239

Prerequisite: Algebra II

Students will study methods of gathering and interpreting data. Applications of statistics to business, social sciences, games and health are explored. Mathematics skills will be reinforced, and tools of technology will be used to analyze data, probability, simulation, and statistical inference.

AP Calculus with Analytic Geometry 1 (Advanced Placement)

2248-2249

Prerequisite: Precalculus/Trigonometry

In this course, students will study university level topics of limits, as well as differentiation and integration of algebraic, trigonometric, exponential, and logarithmic functions as well as application of these. -The course content and examination will follow the guidelines of the College Entrance Examination Board and the AP Program.

Social Studies

World History

3451-3452

Grade Level: 9

This course emphasizes gaining historical perspective and applying good reading and writing skills in the study of world history from the Renaissance to the present. Students learn to compare cultures and religions by applying the social, political, geographic, and economic tools of the historian. Students are required to read in-depth and respond to open-ended questioning requiring research and investigation into historical topics and issues. **(Required for graduation)**

US History 1

3361-3362

Grade Level: 10

This required course focuses on the period of American History from the Civil War through United States entrance into WWII including issues of the Nineteenth Century as they impacted the issues and events of the Twentieth Century. The study of government will be integrated throughout the course. **(Required for graduation)**

Honors US History 1

3363-3364

Grade Level: 10

Students in this course will begin their preparation for the AP US History course. This course includes frequent writing assignments, additional readings on special topics, and assessments of various historical interpretations. The course covers Reconstruction through the Roaring Twenties and goes beyond the scope of the objectives of the regular course to include in-depth study of selected American issues. The study of government will be integrated throughout the course. Students enrolled in this course should expect to read collegiate level material and to write argumentative essays.

US History 2

3641-3642

Grade Level: 11

This required course is a continuation of U.S. History I. The course focuses on the period of American History from the events leading to World War II to the present. The study of economic concepts will be integrated throughout the course. Course emphasis is placed upon World War II and its aftermath, the Cold War, the struggle for Civil Rights, the changing American society, the rise of technology, and major political issues. **(Required for graduation)**

AP US History 2

3647-3648

Grade Level: 11

Prerequisite: Honors US History 1

This course provides specific, directed preparation for the AP U.S. History exam. The content of this course and examinations will follow the guidelines of the College Entrance Examination Board and the Advanced Placement United States History program.

United States Government (Offered with Financial Literacy)

3350

Grade Level: 12

This course will study local, state, and federal levels of the American political system. **(Required for graduation)**

Financial Literacy (Offered with U.S. Government)

7610

Grade Level: 12

This technical level course provides students with the basic skills and knowledge needed to effectively manage one's personal finances. Topics covered include the following: an overview of personal financial management, careers, income and taxes, budgeting, banking accounts, credit, and credit risks. Projects will be conducted throughout the course to provide experiences assisting students in developing effective consumer habits. **(Required for graduation)**

English

English 1 (9th grade)

1211–1212

In English 1 students will develop their understanding and use of writing, reading, oral language, research materials, and literature. Students will write exposition, personal narrative, literary analysis, essay of comparison and a research paper aligned with their magnet area project. Students will complete both individual and group projects aligned with the literature read during the course. The reading for the course will focus on world literature. In freshman composition, students will improve their writing skills, including advanced work in vocabulary development and sentence structure.

English 2 (10th grade)

1221–1222

Students will continue to develop more sophisticated approaches to writing. Students will be able to write a personal narrative, a critical analysis paper, an argumentative paper, and a research paper. Emphasis on writing will be on sentence structure and include the study of phrases and clauses, subject and verb agreement, pronoun and antecedent agreement, and punctuation. Students will study multicultural literature and be able to discuss and analyze these works.

Honors English 2 (10th grade)

1223–1224

In this course, students will follow the expectations for English 2. Students will advance their skills by using language, whether in reading, writing, or in oral presentation, with greater sophistication. The content of the course and examinations will adhere to district sophomore English requirements. **This course requires a summer assignment.**

English 3 (11th grade)

1231–1232

This course focuses on the development of student writing skills, as defined by the Analytical Rating Guide, using a variety of different writing formats. Student writing assignments that are given in this class include argumentative writing, timed writing, analytical writing, and research writing. Both supplemental reading and text-based reading assignments focus on the trends and developments of American literature of the late 19th century through contemporary American literature with a number of in-class assignments based on the need to develop the student's ability to graphically organize and discuss written material.

Honors English 3 (11th grade)

1233–1234

In this course, students will study pre-college-level materials in language, literature, and composition. The content of the course and examinations will adhere to district junior English requirements. **This course requires a summer assignment.**

English 4 (12th grade)

1561–1562

In this course, students will enhance reading, writing, verbal communication, and critical thinking skills essential for college, career, and life success. Students will develop these skills by reading a variety of fiction and nonfiction readings from classical and contemporary texts. Through thematic units of study, students will write narrative, informative/explanatory, and argument papers; discuss and analyze the readings; draw evidence to support claims from print and non-print media; effectively incorporate and document sources for support; and evaluate other speakers and their thinking. Students will also develop practical skills in technology, research, and communication in preparation to seek employment and apply for post-secondary educational opportunities.

Honors English 4 (12th grade)

1153–1154

In this course, students will complete designated standards for English 4 in greater depth. Students will refine reading, writing, verbal communication, and critical thinking skills by reading increasingly more complex literary and informational texts, extensive writing in all modes, and formal discussion. During research and analysis, students will gather relevant evidence from various print and non-print sources and effectively incorporate and document sources for support. Depth, rigor, accelerated pacing, complexity, challenges, and creativity beyond core will foster growth for advanced learners. Students should exhibit the interests, ability, and motivation to meet the challenges of an honors-level course. This course is for concurrent college credit through WSU for English Composition 1 and 2.

Young Adult Literature**1257-1258****Grade Level: 9, 10, 11, 12**

This course is a survey of contemporary young adult literature written by diverse authors. The genres of fantasy, autobiography, historical fiction, realistic fiction, and fan fiction will be explored. Students will become familiar with authors from a variety of ethnic backgrounds as they explore themes connected to popular culture through each genre.

Creative Writing 1 & 2**1540-1541****Grade Level: 10, 11, 12****Pre-Requisite: English I**

In this course, students will develop creative talents in writing essays, articles, poetry, short stories, and drama with emphasis on writing good, short pieces. Students will also write one-act plays.

Speech 1 & 2 (NOT FOR CONCURRENT CREDIT)**1731-1732****Grade Level: 9, 10, 11, 12**

Students learn the fundamentals of public speaking. Units include conversations, individualized reading, parliamentary procedure, discussion, and the organization of material for formal speeches. Speaking before real and assumed audiences is stressed.

Foreign Language

Spanish 1

5433-5434

This first year foreign language course introduces students to the language and culture of the Hispanic world. Students will be able to use practical vocabulary, conversation skills, reading comprehension, and writing proficiency. Additionally, students will be able to use basic grammar concepts and discuss connections between Spanish-speaking countries and the rest of the world. **This class is for beginners. If you already speak Spanish at home, it is recommended that you start in Spanish 2**

Spanish 2

5435-5436

This second-year course continues to develop vocabulary, conversation skills, reading comprehension, and writing proficiency. Students will be able to implement the grammar concepts of the language. Students will continue to learn more about the culture of the various Spanish-speaking countries. **Must have completed Spanish 1, have two years of middle school Spanish, or speak Spanish at home.**

Spanish 3

5437-5438

Prerequisite: Spanish 2

This course is taught almost exclusively in Spanish. Students will be able to strengthen their knowledge of language by reinforcing grammatical concepts learned in Spanish 2. Students will be able to hold conversations in past, present, and future tenses. Longer articles and stories are included in the reading, giving students exposure to famous Spanish writers. Students will continue to study the culture of Spanish-speaking countries through various sources.

Spanish 4

5439-5440

Prerequisite: Spanish 3

This course will continue to increase proficiency in listening, speaking, reading, and writing skills while staying almost exclusively in Spanish. Students in this class who qualify through a 3.0 GPA and a C or higher in Spanish 3 may enroll for concurrent credit through WSU for Spanish 210, their third semester Spanish course.

Spanish 5

5443-5444

Prerequisite: Spanish 4

Spanish will be the language of instruction in this course. Increased proficiency in all skills is the goal, with an emphasis on perfecting grammar and composition, along with conversational practice.

Marine Corps Junior ROTC

Leadership Education (LE) is the name used to describe a program that teaches and develops a sense of responsibility, accomplishment, discipline, and character in high school students. It provides instruction in five different categories:

Leadership classes are intended to instill within the cadet a sense of responsibility and confidence in the supervision of others. The objectives, basic traits and principles of leadership are taught in the classroom early in the curriculum. These same building blocks of leadership are amplified and demonstrated by staff and cadets throughout the remainder of the program.

Citizenship classes teach the cadet to understand and appreciate the history of our nation and the privileges of citizenship. Instruction emphasizes the importance of citizen involvement in the many opportunities offered by our democratic way of life. This category also explains how our government functions as well as the role of the armed forces in serving and protecting the freedoms we enjoy.

Personal Growth & Responsibility classes teach physical fitness, health, hygiene, and nutrition. In addition, this category presents classes to help the development of social skills. Writing and speaking skills are also provided to reinforce the very important need for good communication. Practical and in-depth classes on handling personal finances are also provided.

Public Service & Career Exploration classes teach career preparation, job hunting, and interviews. Resumes are written by each cadet and post high school guidance is provided. Information is also provided regarding different local, state, and federal career opportunities, as well as the opportunities available through military service.

General Military Subjects classes teach leadership, self-discipline, citizenship, character, and personal responsibility through the medium of the U.S. Marine Corps. The final category of the MCJROTC curriculum supports the previous four categories of instruction. Drill and ceremonies, military customs, courtesies, and traditions, rank structure, and military history all enhance the cadets' education and development.

Leadership Education & Training 1

9221-9222

This course prepares high school students for responsible leadership roles while making students aware of their rights, responsibilities, and privileges as American Citizens. The program is a stimulus for promoting graduation from high school and the need for continuing education. It provides instruction in Leadership Traits and Principles; Military History; First Aid; Public Speaking; Drill; Physical Training; and Personal Appearance.

Leadership Education & Training 2

9223-9224

Prerequisite: Completion of JROTC LE 1

This course is a continuation of leadership training where novice leaders develop their social interaction and interpersonal relationships in practical leadership situations. Instruction includes Fundamentals, Types, Temptations and Tasks of Leadership; Authority and Responsibility; Organization of the Marine Corps; the Role of Noncommissioned Officers; Military Justice; Drill; Uniform Inspections; Marksmanship; and Physical Fitness

Leadership Education & Training 3

9225-9226

Prerequisite: Completion of JROTC LE 2

This course is the advanced level of leadership training where third year cadets use their prior training and experience to direct lower-level cadets and begin training to assume positions of increased responsibility. Classes include the Role of Officers; Fundamentals of Command and Management; Studies in Equal Opportunity and Harassment; Land Navigation; Inspection Procedures; Directed Reading; and Study of World Ideologies.

Leadership Education and Training 4

9227-9228

Prerequisite: Completion of JROTC LE 3

This course is the senior level of Leadership Instruction. LE IV cadets exercise leadership responsibility over junior cadets and perform staff functions. Studies include Directed Reading; Staff Functions; TQM; and the practical application of management and leadership principles through the planning and execution of projects that aid the JROTC organization and the local community.

Wearing the Marine Corps uniform, on a weekly basis, is a basic requirement for the JROTC track. If a cadet does not maintain Marine Corps grooming standards, they will not receive the appropriate Marine Corps uniforms. Marine Corps uniform standards of grooming do not allow eccentric or faddish styles of hair, facial hair, make-up/nail polish, jewelry, or eyeglasses. Eccentric and faddish individual appearances detract from uniformity and team identity. It is impossible to provide examples of every unacceptable or "eccentric/faddish" appearance. The following provides a starting point to understand the Marine Corps grooming standards. Any further clarification should be obtained from either LtCol Steffen or 1stSgt Wright.

- 1) When in uniform, male cadets' hair will be tapered or faded in back and sides with no sideburns. Hair on top of the head will not interfere with normal wear of the military cover (hat).
- 2) Male hairstyles which include the etching of letters, signs, or figures not considered natural in appearance are not allowed.
- 3) Braiding of the hair is not allowed for male cadets.
- 4) When in any Marine Corps uniform, male cadets will be clean-shaven.
- 5) When in uniform, female cadets' hair will be pinned and arranged so that it will not fall below the collar of the uniform. Hairstyles require non-eccentric and non-faddish styles, maintaining a conservative, professional appearance and will allow the uniform cover to be worn properly. The hair color must complement the person's complexion tone and be of a natural color.
- 6) Female's cadets may wear small, polished earrings, ball or round stud type, with all uniforms except the digital utility and physical training uniform. Only one earring per ear is allowed. Male cadets will not wear earrings in any Marine Corps uniform.

Physical Education

Physical Education & Health Foundations

8748-8749

This course provides opportunities for students to acquire the knowledge and skills needed to engage in a physically active, healthy lifestyle throughout life. Three areas of focus in the course are: 1) health-related fitness, 2) lifetime physical activity, and 3) health/wellness concepts and skills. The intended outcomes of the course are that students will be able to: a) assess and interpret personal health/fitness status, b) design, implement, and evaluate a personal health/fitness plan for developing and maintaining a physically active, healthy lifestyle, c) analyze current health/fitness issues impacting youth and adults, d) demonstrate effective use of personal and social skills to enhance health/fitness behavior, and e) utilize a variety of physical activities to engage in a healthy lifestyle. **(Required for graduation)**

Lifetime Sports

9207-9208

Prerequisite: PE Foundations

Grade Level: 10, 11, 12

In this course students will actively participate in skill development, lead-up games, and lifetime sports with an emphasis on individual and dual activities. This may include but is not limited to the following activities: Tennis, Aerobics, Archery, Badminton, Bowling, Fencing, Frisbee, Golf, Handball, Jogging, Racquetball, Shuffleboard, Softball, Swimming, Table Tennis, Volleyball, Weight Training, Basketball, Hockey, Flag Football, Soccer, and Speedball. This course may be repeated for credit.

Weight Training and Conditioning

9213-9214

Prerequisite: PE Foundations

Grade Level: 10, 11, 12

This course will include basic training techniques and identification of apparatus and major and secondary muscle groups. Students will obtain an understanding of different training strategies/techniques and be able to set up an individual program. Students will study, learn, and use spotting techniques and other safety procedures used in the weight room and/or in any other physical activities. This course may be repeated for credit.

Electives

Gaming Concepts

6661

Grade Level: 11, 12

In this course, students will participate in a variety of gaming experiences designed to support the following: demonstration of competency in motor skills; understanding movement concepts, principles, strategies, and tactics as they apply to the learning and performance of specific games; comprehending concepts related to health and preventative care in gamers; demonstrating the ability to use interpersonal communication skills that respect others in an online gaming environment; and analyzing the reciprocal influence of eSports, culture, media, technology, and other factors.

Digital Media Project Management (Yearbook)

7253F-7254F

Grade Level: 10, 11, 12

In this course students will gain skills in one or more of the following areas: page design, advanced publishing techniques, copy writing, editing, and photography while producing a creative, innovative yearbook which records school memories and events. Participants gain useful, real-world skills in time management, marketing, teamwork, and design principles. This course requires attendance at events occurring outside of the school day. This course may be repeated for credit.

Note: Seniors may not receive a pass card out of the yearbook class for second semester. This course is a full-year commitment.

Teacher Assistant

9181-9182

Grade Level: 12

Students enrolled as teacher assistants should perform work as described in a job description filed by the supervising teacher and approved by the building principal. The duties, of an educational nature, should justify the work. Only seniors may enroll. See requirements below.

Office Assistant

9183-9184

Grade Level: 12

Students will be assigned to assist in duties within the school offices. They will receive training in the areas of responsibility which may include telephone techniques, office machines, public relations, filing procedures and work ethics, as well as communication skills. Students successfully completing the program will have practical experience to enhance marketable skills. See requirements below.

REQUIREMENTS TO BE A TEACHER ASSISTANT OR OFFICE ASSISTANT:

1. GPA of 2.5 or higher
2. Attendance of at least 93%
3. Recommendation of teacher or principal