

# GENERAL REGISTRATION INFORMATION

## Requirements

In order to graduate from Wynford High School and receive a diploma, you must achieve the following requirements:

- Accumulate at least 24 credits
- Pass the following credits:
  - 4 credits of English
  - 3 credits of social studies (must contain at least ½ credit of World History for the class of 2021 and beyond)
  - 4 credits of math including Alg. 2
  - 3 credits of science (1 unit of biological science and 1 unit of physical science)
  - ½ credit of health
  - ½ credit of physical education or 2 seasons of sports/band
  - 1 credit of business/technology, fine arts, or foreign language
  - 1 credit of Senior Seminar

Classes of 2018 and beyond must take end-of-year tests in English 9 and 10, Algebra I, Geometry, American History (end of 10<sup>th</sup> grade), and Government. The students must earn a composite score of 18 on these tests (a minimum of 4 English, 4 math, 6 science & social studies, plus 4 points in any combination) OR a remediation free score on the ACT or SAT OR earn a State Board of Education-approved, industry-recognized credential and a score of 13 on the workkeys assessment.

Each of you must register for at least 7 academic credits each year

To receive an Academic Diploma with Honors you must fulfill 7 of the following 8 criteria:

- 4 credits of English
- 4 credits of math (that must include Adv. Math)
- 4 credits of science (including chemistry & physics)
- 4 credits of social studies
- 3 credits of the same foreign language or 2+2
- 1 credit of fine arts
- 3.5 GPA
- 27 ACT/ 1210 SAT

## College Bound

If you are planning on attending college to pursue a bachelor's degree (4 year degree) you must meet the following requirements for admission. As you prepare your 4-year plan for high school, you should include courses to meet these requirements.

- 4 credits of English
- 3 credits of social studies
- 4 credits of math, including algebra I & II and geometry
- 3 credits of science, including a lab experience
- 2 credits of language (3 credits recommended for OSU main campus)
- 1 credit in the arts

In addition, you should take the PSAT Test in the fall of your sophomore & junior year and the ACT Test during your junior year but no later than October of your senior year. The ACT is required for admission to Ohio colleges. Some technical schools do not require the ACT. The SAT is used for out-of-state colleges and scholarships. If a relative works at Timken, you will need to take the SAT by Dec. of your senior year to compete for their scholarship.

Volunteerism is becoming a much more significant aspect of college admissions and scholarship eligibility. The more documented hours of unpaid volunteering you have, the greater your chances of admission, or receiving a scholarship. Some examples of volunteering are: assisting the elderly with chores around their home, free child care, grocery shopping for the handicapped.

If you are looking to pursue an avenue that includes athletics, you need to go to the following website to understand the requirements of all athletes. [www.ncaa.org](http://www.ncaa.org)

If you receive a Wynford diploma, you have met the requirements for admission to a technical college such as Marion Technical College, or the branches of The Ohio State University.

Honors courses are offered in most areas. These classes will contain "add-on" grades. Honors classes include: Advanced math, Spanish III & IV, advanced chemistry, physics and calculus. They are designated in the course descriptions with an asterisk (\*).

### College Credit Plus (CCP)

CCP is open to all students in grades 7-12 that meet the admission requirements of the college/university the student is applying to. Students may take courses at any state college and upon permission from the school at private colleges. It is the responsibility of the student & his/her parents/guardians to turn in their intent to participate in CCP form by APRIL 1 to the high school counselor. It is also the responsibility of the student and parents/guardians to apply to the college s/he is planning to take classes.

### Policies

1. Students may audit (retake) a class with the teacher's permission and if authorized by the administration, but no credit will be given. The student is expected to do all class work, tests, and assignments, or they shall be removed from the class.
2. Half credit is not given for a full year's course at the end of the 1<sup>st</sup> semester, unless transferal is made to another school in the same subject or at the discretion of administration and counselors.
3. No credit is given for any course until all required work is completed.
4. Students who fail a required subject must repeat that subject as soon as it can be worked into their schedule.
5. There should be enough students enrolled to justify holding a class. This decision is at the discretion of the administration.
6. Summer school, correspondence school, distance learning courses and on-line classes from accredited schools will be accepted toward graduation only if they are make-up classes that a student has failed. Only 2 credits will be accepted through this process.
7. Any student who fails second semester of a year long course - fails the course for the year.
8. All Incompletes on grade cards must be completed within 2 weeks of the day grade cards are distributed or the I becomes an F.

## Schedule Changes

It is important that subjects be scheduled carefully at the time of registration. After the guidance department completes your individual schedule, no changes are to be made unless deemed necessary by the guidance personnel. **Students will have the first week of each semester to make changes.**

Once school begins, no courses are to be dropped unless an exceptional situation exists. The administration and counselors will determine this. If it is necessary that a year long class be dropped by the end of the first grading period (or by the end of the 4<sup>th</sup> week of a semester class), because of an exceptional situation, the student will be withdrawn from the course and it will not appear on the student's permanent record.

## **SUGGESTED SUBJECT SEQUENCES FOR VARIOUS EDUCATIONAL/VOCATIONAL PROGRAMS**

<b>(A) <u>COLLEGE PREPARATORY</u></b>	<b>(B) <u>VOCATIONAL/TECHNICAL</u></b>
9 <sup>TH</sup> English 9 Acc. Algebra I or Acc. Geometry Int. Science I World History Spanish I Physical Education/Health Art or Music (Colleges require 1 credit of Performing or Visual Arts)	9 <sup>TH</sup> English 9 Algebra I Int. Science I World History Physical Education/Health Electives
10 <sup>th</sup> English 10 Acc. Geometry or Acc. Algebra II Biology Modern American History Spanish II Physical Education Electives	10 <sup>th</sup> English 10 Geometry Biology Modern American History Physical Education Electives
11 <sup>th</sup> English 11, Honors English 11 Acc. Algebra II or Adv. Math Chemistry, Anatomy & Physiology, or Physics Government Economics Spanish III Electives	<b>Wynford classes or go to Pioneer CTC</b>  11 <sup>th</sup> English 11 Transition to Alg. II Chemistry Government Economics Electives
12 <sup>th</sup> English 12, Honors English 12 Adv. Math or Calculus Anatomy & Physiology, Adv. Chemistry or Physics Soc. Studies (sem. classes)	12 <sup>th</sup> English 12 Alg. II Anatomy & Physiology Soc. Studies (sem. classes) Electives
IV Sr. Seminar	*Algebra I, with a grade of "C" or better, is required for admission to a College Tech Prep Program.

# PROGRAM OF STUDY

## FRESHMEN

### COURSES

### CREDIT VALUE

**Required:**

English 9	1
Algebra I, Acc. Algebra I or Acc. Geometry	1
Int. Science I	1
World History	1
Health (9-12)	1/2
Physical Education (9-12)	1/4

**Electives:**

Agricultural, Food & Natural Resources	1	Human Growth & Development	1/2
Art I	1	Personal Finance	1/2
Band	1	Project MORE	1/2
Career & College Readiness	1/2	Spanish I	1
Choir	1	Textile Design, Construction & Maintenance	1/2
Food Science	1/2		
Global Foods	1/2		

## SOPHOMORES

### COURSES

### CREDIT VALUE

**Required:**

English 10	1
Geometry, Acc. Geometry or Acc. Algebra II	1
Biology	1
Modern American History	1
Physical Education (9-12)	1/4

**Electives:**

Accounting I	1	Food Science	1/2
Agricultural, Food & Natural Resources	1	Global Foods	1/2
Agricultural & Industrial Power	1	Human Growth & Development	1/2
Animal Nutrition, Health & Reproduction	1	Mechanical Principals	1
Animal Science & Technology (Ag 2)	1	Personal Finance	1/2
Art I or II	1	Project MORE	1/2
Band	1	Science & Technology of Food	1
Career & College Readiness	1/2	Spanish I, II	1
Choir	1	Textile Design, Construction & Maintenance	1/2

## JUNIORS

### COURSES

### CREDIT VALUE

#### Required:

English 11		1
Transition to Alg. II, Acc. Algebra II, or *Adv. Math	1	
Chemistry, Anatomy & Physiology, *Adv. Chemistry, or *Physics		1
Government		1
Economics		1/2

#### Electives:

Accounting I, II	1	Agricultural,	Global Foods	1/2
Food & Natural Resources (Ag 1)	1		Human Growth & Development	1/2
Agricultural & Industrial Power	1		Mechanical Principals	1
Animal Science & Technology (Ag 2)	1		Personal Finance	1/2
Animal Nutrition, Health & Reproduction	1		Project MORE	1/2
Art I, II, III	1		Science & Technology of Food	1
Band	1		Spanish I, II, *III	1
Biology	1		Strength & Conditioning	1/4
Career & College Readiness	1/2		Textile Design, Construction & Maintenance	1/2
Choir	1		Yearbook	1
Environ. Sci. for Ag. & Natural Res. (Ag 3)	1			
Food Science	1/2			

\* Denotes add-on/honors courses

## SENIORS

### COURSES

### CREDIT VALUE

#### Required:

English 12		1
Algebra 2, Adv. Math or *Calculus		1
Senior Seminar		1

#### Electives:

Accounting I, II	1		Choir	1
Anatomy & Physiology	1		Environ. Sci. for Ag. & Natural Res. (Ag 3)	1
*Adv. Chemistry	1		Food Science	1/2
*Adv. Math	1		Global Foods	1/2
Agricultural, Food & Natural Resources (Ag 1)	1		Human Growth & Development	1/2
Agricultural & Industrial Power	1		Mechanical Principals	1
Animal Nutrition, Health & Reproduction	1		Personal Finance	1/2
Animal Science & Technology (Ag 2)	1		Project MORE	1/2
A & E Systems Capstone	1		*Physics	1
Algebra II	1		Science & Technology of Food	1
Art I, II, III, IV	1		Spanish I, II, *III, *IV	1
Band	1		Strength & Conditioning	1/4
Business Management	1		Textile Design, Construction & Maintenance	1/2
*Calculus	1		Yearbook	1
Career & College Readiness	1/2			
Chemistry	1			

\*Denotes add-on/honors courses

# AGRICULTURAL SCIENCES

Agriculture, Food and Natural Resources (Ag. 1) 1 credit – 1 year

This is the first course in the Agricultural and Environmental Systems career field. It introduces students to the pathways that are offered in the Agricultural and Environmental Systems career field. As such, students will obtain fundamental knowledge and skills in food science, natural resource management, animal science & management, plant & horticultural science, power technology and biotechnology. Students will be introduced to the FFA organization and begin development of their leadership ability.

**Prerequisite: None**

Animal Science & Technology (Ag. 2) 1 credit – 1 year

This first course in the pathway focuses on the broad knowledge and skills required to research, develop, produce and market agricultural, horticultural, and native plants and plant products. Students will apply principles and practices of plant physiology and anatomy, plant protection and health, reproductive biology in plants, influences in bioengineering, plant nutrition and disorders. Environmental aspects of irrigation, chemical application, soils, and pest management will be studied and applied. Projects and activities will enable students to develop communication, leadership, and business management skills.

**Prerequisite: Agriculture, Food & Natural Resources**

Animal Nutrition, Health and Reproduction 1 credit – 1 year

Students will develop business leadership, problem-solving and communication skills in relation to the science and technology of animals. Students will learn responsible animal management principles and routine husbandry practices in relation to animal welfare and behavior. Students will identify and describe the anatomy and physiology of monogastric and ruminant organisms as it applies to nutrition, reproduction, and animal health. Students will investigate animal genetics and how it impacts principles of animal improvement, selection and marketing.

**Prerequisite: Agriculture, Food & Natural Resources and  
Animal Science and Technology**

Enviro Science for Agriculture and Nat. Resources (Ag. 3) 1 credit – 1 year

Students will study relationships between organisms and their environment. Principles of biogeochemical cycles, air-water-land relationships, non-point pollution, and wetlands will be applied. Students will examine fundamentals of resource development, agriculture sustainability, energy needs and pollution control. They will analyze and interpret data gathered from studies on the ecosystem. Throughout this course, students will develop responses to environmental problems and develop management strategies for responsible conservation and resource development.

**Prerequisite: Agriculture, Food & Natural Resources**

Business Management (Ag. 4) 1 credit – 1 year

Students will examine elements of business, identify organizational structures and identify and apply management skills. Students will develop business plans, financial reports and strategic goals for new ventures or existing businesses. Students will use marketing concepts to evaluate the marketing environment and develop a marketing plan with marketing channels, product approaches, promotion and pricing strategies. Students will practice customer sales techniques and apply concepts of ethics and professionalism while understanding related business regulations.

**Prerequisite: Agriculture, Food & Natural Resources and  
Be a senior with 3 years of Ag classes**

A & E Systems Capstone (Senior Capstone) 1 credit – 1 year

This capstone course is an opportunity for students to solve problems and demonstrate that they have achieved the requisite knowledge and skills in their chosen Agricultural and Environmental Systems career field pathway. The course is designed to assess cognitive, affective and psychomotor learning and to do so in a student-centered and student-directed manner. The capstone requires the application of learning to a project that serves as an instrument of evaluation.

**Prerequisite: Agriculture, Food & Natural Resources and  
Be a senior with 3 years of Ag classes**

Agricultural and Industrial Power 1 credit – 1 year

The A&I Power course will introduce students to the breadth of the Agricultural and Industrial Power Technology pathway. Students will learn the principles of agricultural and industrial power technology equipment systems including electronic, electrical, engines, fuel, hydraulics, and power trains. Additionally, students will learn to operate and maintain agricultural & industrial equipment.

**Prerequisite: Agriculture, Food & Natural Resources**

Mechanical Principles 1 credit – 1 year

Students will engage in the mechanical principles utilized in animal and plant production systems. They will learn electrical theory, design, wiring, hydraulic and pneumatic theory, along with metallurgy in relation to hot and cold metals. Students will apply knowledge of sheet metal fabrication applicable to the agricultural industry along with identify, diagnose, and maintain small air-cooled engines. Throughout the course, students will learn critical components of site and personal safety as well as communication and leadership skills.

**Prerequisite: Agriculture, Food & Natural Resources**

Science and Technology of Food 1 credit – 1 year

This first course in the pathway examines the research, marketing, processing and packaging techniques applied to the development of food products. Students will examine principles of food preservation techniques and determine correlations to food sensory, shelf life and food stability. Students will examine and develop food safety, sanitation, and quality assurance protocol. Government regulations and food legislation will be examined and the implications to food science and technology will be identified.

**Prerequisite: Agriculture, Food & Natural Resources**

# ART

## Art I

1 credit - 1 year

This is a foundations course for students in grades 9-12. The focuses of this course are the introduction of the elements and principles of design, the make up of art, the different possible mediums, and various techniques. Students practice art criticism, art history connections, aesthetics, and productions. Students learn how analyze, interpret, theorize, and make informed judgment about artwork; to explore historical and cultural background and connections; create both two-dimensional and three-dimensional works of art, and to self-assess their work. This course is for students wanting to develop and to improve basic art skills and knowledge of various artists, methods, mediums, and techniques. Students will be required to begin documentation of artwork. Mediums to be explored include, but are not limited to drawing, painting, recycling, ceramics, paper, and sculpture. Outside work is required.

**Prerequisite: None**

## Art II

1 credit - 1 year

This course is a continuation of the foundations course, Art I. The focuses of this course are the review of the elements and principles of design, mediums, and techniques, as well as expand into more experimentations, expression, and exploration through projects and research. Students practice art criticism, art history connections, aesthetics, and productions. Students continue their learning of how to analyze, interpret, theorize, and make informed judgment about artwork; to explore historical and cultural background and connections; create both two-dimensional and three-dimensional works of art, and to self-assess their work. Students also begin to identify ways to utilize and support art museums, galleries, studios, and community resources. Students will be required to continue documentation of artwork. Mediums to be explored include, but are not limited to drawing, charcoal, pastels, painting, recycling, ceramics, and sculpture. Outside work is required.

**Prerequisite: Art I**

## Art III-A

½ credit – 1<sup>st</sup> semester

This course is an advanced art course. The focuses of this course are the review of the basic fundamentals of art learned in Art I and Art II, exploring abstract art, exploring new mediums, exploring new techniques, and looking outside the boundaries of standard art—art beyond the pedestal or canvas. Students will begin studying, analyzing, and creating alternative and experimental art methods, techniques and ideas. Students begin to see art in a whole new way, learn about more current artists, and continue to identify ways to utilize and support art museums, galleries, studios, and community resources. Art III is designed for students who are willing to go beyond their comfort zone and explore new, different, and exciting types of art and art making. Students will be required to do more long term and in-depth projects focusing in 3D artwork, as well as begin construction on a digital portfolio of artwork. Mediums to be explored include, but are not limited to paper, ceramics, nature, recycling, painting, sports equipment, and cardboard. Outside work is required.

**Prerequisite: Art I, Art II**

## Art III-B

½ credit – 2<sup>nd</sup> semester

This course is an advanced art course. It is an extension of the Art III – A course, but can be taken without the completion of the Art III – A course.

**Prerequisite: Art I, Art II**

Art IV -A

½ credit – 1<sup>st</sup> semester

This course is an advanced art course. The focuses of this course are the review of the basic fundamentals of art learned in Art I and Art II, as well as the review of the alternative and abstract art methods and ideas introduced in Art III. This course will promote creativity, originality, and advanced, independent art exploration. Students will be given more freedom and creativity with the class structure through as set list of projects to choose from. Projects will be proposed by the instructor, but the order of projects will be constructed and chosen by the students. Students will be required to do more long term and in-depth projects focusing in 2D and 3D artwork, as well as complete a digital portfolio of artwork. Mediums to be explored include, but are not limited to oil painting, ceramics, recycling, cardboard, sculpture, drawing, and murals. Outside work is required.

**Prerequisite: Art I, Art II, Art III**

Art IV -B

½ credit – 2<sup>nd</sup> semester

This course is an advanced art course. It is an extension of the Art IV – A course, but can be taken without the completion of the Art IV – A course. More school involvement, community involvement, and collaboration-based projects will be conducted in this course.

**Prerequisite: Art I, Art II, Art III**

## BUSINESS

Accounting I

1 credit - 1 year

Accounting I is the study and practice of keeping systematic records of business transactions. The broad purpose of this course is to help you prepare for a career in business and/or be able to plan, prepare, and interpret your own financial records. This is done largely through practice with standard business forms, procedures, and accounting terminology. The course is open to all Juniors and Seniors. This class is desirable as a prerequisite for college-level accounting. A simulation set must be completed in order to receive credit for the course.

**Prerequisite: None**

Accounting II

1 credit - 1 year

This course is a follow-up for accounting I with review of basic accounting principles and further development of accounting skills. Independent study is incorporated with classroom instruction. The organization and the accounting records of partnerships and corporations are studied as well as more detailed payroll and depreciation records. An introduction to simple cost accounting procedures is included in the course of study. This class is recommended for students pursuing additional business training or accounting careers.

**Prerequisite: Accounting I**

Economics

½ credit – 1 semester

This course is a required semester course for juniors or seniors. The course will include an introduction to Economic systems including the American free enterprise system. We will study micro and macro economic concepts.

**Prerequisite: None**

Personal Finance

½ credit - 1 semester

The objectives of Personal Finance is to introduce you to the function and variety of services available in areas such as banking, credit, insurance, saving and investing, and small business.

**Prerequisite: None**

Senior Seminar

1 credit – 1 year

This course is designed to help students develop a successful Senior Project. Students will work on choosing an appropriate topic/project, writing a research paper, completing the project, and developing a portfolio. The class will culminate in a formal presentation to a panel of judges. Successful completion of all components is a requirement for graduation. This class will be graded pass/fail.

**Prerequisite: Senior**

<h2>ELECTIVES</h2>
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Project MORE

½ credit – 1 semester

Students may sign up for all year.

Project MORE is a research-based mentoring program currently used by nearly 300 schools in Ohio to provide intervention for at-risk readers including, students with disabilities, in grades K-12. At Wynford Elementary, Project MORE is an integral part of our Response to Intervention program, providing elementary students who are struggling with reading the one-to-one support they need to make progress. We also utilize PM as an intervention provided for students on reading improvement plans. High school student mentors work with elementary students on key reading skills including: high frequency words, fluency, word attack strategies, and comprehension.

This course is designed to help you explore your own knowledge, skills, values, and talents as you begin to develop lifelong goals and dreams and prepare for your future. Helping a younger student learn to read will teach you many things about yourself and your abilities. This course will offer you a diverse array of skills and opportunities to help you become more effective at creating change or solving problems. You will work on critical thinking, writing, presenting, leadership, decision-making, and interpersonal skills—the skills most identified by employers and practicing professionals as “critical” skills for success in the workplace. This experience will help you develop these skills so that you can be successful in whatever future career you choose.

**Prerequisite:** AIR score 3, 4 or 5; GPA 3.0; Previous mentors get first priority

Yearbook

1 credit – 1 year

In newspaper/media, we will be producing the “Royal Times”. Through the experience of creating a school newspaper and news website, students will learn and practice journalism and production skills. Students will cover the basics of newspaper reporting and writing for all types of articles that will be produced on a regular basis in the school’s media website. Topics include following a production schedule, working as a team to conceptualize a product, utilizing composition principles, and embedding audio, video or other content in digital formats while meeting deadlines. Students are expected to attend after school activities to gather footage, conduct interviews and write stories from these events. You will need a form of transportation to attend the after school requirements.

In yearbook, this is a course which gives students marketable experience while enhancing individual technological skills. This course works toward the completion and selling of a large finished product, the “Royale”. Yearbook class is different from most courses taught in that it is a real business maintaining an account that must balance-out at the end of term. In class, students will learn how to manage a full-scale, full-budget computerized text layout production that involves digital photography, graphic design, brainstorming, creating, editing, enhancing, advertising, selling, and distributing of the “Royale”. Yearbook covers many of the content standards and objectives in English courses as well as many subjects like art, business, and computer. Students will be required to work as individuals or cooperatively within groups to creatively develop our yearbook. Out of class and after school hours, students will “shoot” digital photos, sell and design advertising, and disseminate yearbook order forms. Students are responsible for the proper care and handling of our digital cameras.

**Prerequisite: Grade of B or higher in previous English class or written recommendation from the advisor. This class is reserved for predominately juniors and seniors. Freshmen and sophomores could be accepted into the class with recommendation from the advisor only.**

## ENGLISH

### English 9

1 credit – 1 year

This is the first in a series of courses designed for high school students. The reading and writing requirements will build skills needed for the Ohio Graduation Test. The literature study includes short stories, poetry, dramas, novels, and independent reading.

The grammar study covers the parts of speech, subjects, verbs, phrases and clauses, sentences and fragments, capitalization, agreement, usage, and pronoun cases. Compositions include expository, persuasive, narrative, descriptive, and literacy analysis.. Oral interpretation of poetry and several speeches will be required. Class discussion and vocabulary work is extensive.

**Prerequisite: None**

### English 10

1 credit - 1 year

This course includes reading different works of fiction (short stories, poems, drama, novels) and non-fiction (essays, autobiographies, articles, memoirs, speeches). Writing (persuasive, expository, narrative essays and a research paper) is also a main focus. Grammar and usage, spelling and vocabulary are studied regularly. Student presentations and projects also occur. A 3-ring binder is required.

**Prerequisite: English 9**

### English 11

1 credit - 1 year

This composition and literature class is designed to prepare students for post-secondary English. Students will read a variety of texts including short stories, poetry, novels, and plays from the American tradition and will be asked to write research, persuasive literary analysis, and creative compositions. Students will be asked to synthesize material from a variety of sources into their own writing with proper citations, complete oral presentations, and group projects.

**Prerequisite: English 9, English 10**

English 12

1 credit – 1 year

This composition and literature class is designed to prepare students for post-secondary English. Students will read a variety of texts including short stories, novels, and plays from the British tradition including Shakespeare and will be asked to write research, persuasive literary analysis, and creative compositions. Students will be asked to synthesize material from a variety of sources into their own writing with proper citations, complete oral presentations, and group projects.

**Prerequisite: English 9, 10, and 11**

## FAMILY & CONSUMER SCIENCES

### Global Foods

½ credits – 1 semester

In this course, students will compare cuisines, ingredients and preferred cooking methods of various cultures. The influence of traditions and regional and cultural perspectives on food choices and culinary practices will be emphasized. Students will examine the issues and conditions that affect the availability and quality of food in the global market, and apply advanced cooking techniques, including the use of specialty and advanced equipment in the preparation of food dishes.

**Prerequisite: None**

### Food Science

½ credits – 1 semester

In this course, students will apply basic culinary practices and understand how flavor, texture and appearance are affected during food preparation. Students will evaluate chemical reactions as they occur in cooking methods and assess how to control high-risk food safety situation. Food safety and sanitation techniques will align to industry-recognized certifications.

**Prerequisite: None**

### Human Growth and Development

½ credits – 1 semester

In this course, students will analyze human growth and development throughout the lifespan. An emphasis will be placed on physical, cognitive, social and emotional growth and development. Additional topics will include human characteristics and traits, genetic defects, parenting styles and responsibilities and cultural differences within a family unit and community.

**Prerequisite: None**

### Career and College Readiness

½ credits – 1 semester

In this course, students will develop effective learning strategies and skills to provide a strong foundation for successful lifelong learning. Throughout the course, students will research

careers and occupations, review postsecondary admissions qualifications, develop interviewing skills and participate in internships. Additional topics will include principles and techniques of professionalism, networking, conflict-resolution, negotiation, leadership and entrepreneurship.

**Prerequisite: None**

### **Textile Design, Construction and Maintenance**

½ credits – 1 semester

In this course, students will study the visual appearance of fabric and fashion design. Students will identify, analyze and apply production processes and techniques to textiles. Additional topics will include the maintenance and alterations of textiles products, including home interior accessories and garments.

**Prerequisite: None**

## FOREIGN LANGUAGE

### **Spanish I**

1 credit - 1 year

Spanish I is designed for the college bound student as an introduction to the Spanish language and culture. Emphasis is on writing, listening skills, vocabulary, and culture. It is recommended that only those students in Academic English at the HS level or 8<sup>th</sup> graders who received a B or higher in reading take this course. Good grammar and spelling skills are essential for success.

**Prerequisite: “B” or higher in English**

### **Spanish II**

1 credit - 1 year

This course is designed for the college bound student. Approval from the instructor is necessary, with a suggested grade of “B” or higher in Spanish I, since this course builds on prior skills. Emphasis is on a more structured curriculum than Spanish I. Grammar and writing skills are emphasized. Oral and listening skills are also refined. For the college bound student the sequence of Spanish I, II, III is suggested. Spanish II will not cover the total body of grammar required for college level courses.

**Prerequisite: Spanish I**

### **Spanish III\***

1 credit - 1 year

This is a continuation of Spanish II. However, since Spanish II does not cover all the grammar required in college level course, Spanish III places heavy emphasis on covering the remaining grammar. Permission of the instructor is necessary, with a suggested grade of A or B in Spanish II. This is a weighted course.

**Prerequisite: Spanish I, II**

### **Spanish IV \***

1 credit - 1 year

This weighted course spends more time on reading, writing, and oral skills than grammar. However, grammar is reviewed for the college bound student. Permission of the instructor is required and a suggested grade of A or B in Spanish III.

**Prerequisite: Spanish I, II, and III**

<b>HEALTH &amp; PHYSICAL EDUCATION</b>
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Health

½ credit - 1 semester

Health is a state required subject for all students. Subjects covered will include topics from the physical, social and emotional health areas. Major emphasis will be on the body systems, human growth and development, stress, mental wellness and illness, social skills and issues and total self responsibility for wellness. Recent articles, handouts, notes and videos will be used to enhance the presentation of this information.

**Prerequisite: None**

Physical Education

¼ credit - 1 semester

Physical Education is a state requirement. Two semesters or two complete sports seasons (including cheerleading and marching band) are required to graduate. The activities you may be involved with will include: volleyball, softball, track, ping-pong, gym games, tennis, badminton, flag football, and a fitness unit. Physical fitness and/or written tests may be required. All students are required to participate. If you are physically unable to comply in one or more of these activities, arrangements should be made (ahead of time) with the instructor. Students will provide their own T-shirt (no tank tops), suitable gym shorts (no spandex or cut off jeans), socks, and gym shoes. Boys and girls will have an option of a lock and storage space for gym clothes. Lost lock fee is \$7.00.

**Prerequisite: None**

Strength & Conditioning

¼ credit – 1 semester

Advanced Phys. Ed. will be offered for individuals who want to learn higher-level kinesthetic skills. Activities will focus more at the adapting level and will refine gross and fine motor skills. Units will include, but not limited to, activities that will serve as lifetime fitness sports. In addition, certain outdoor and leisure activities will be taught.

**Prerequisite: Juniors or Seniors**

<b>MATH</b>
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Suggested math program options

<u>4 year</u>	<u>4 year</u>	<u>5 year</u>
Algebra I                    9	Acc. Alg. I                9	Acc. Alg. I                8
Geometry                    10	Acc. Geom.                10	Acc. Geom.                9
Transition to Alg. II    11	Acc. Alg. II                11	Acc. Alg. II                10
Algebra II                    12	Adv. Math 12	Adv. Math                11
		Calculus                    12
<u>Algebra I</u>		1 credit - 1 year

This course is designed to provide students with knowledge of algebraic concepts. The course content involves performing the four fundamental operations on algebraic expressions, relating algebraic concepts to problem solving and practical applications (story problems), factoring polynomials, solving inequalities, graphing on the number line and in the coordinate plane.

**Prerequisite: None**

Accelerated Algebra I

1 credit – 1 year

This course is designed to provide students with knowledge of algebraic concepts, which involve being able to communicate both orally and in written work. While acquiring a background in the basic skills, you should also develop an appreciation for algebra as a language. The structure of algebra dictates a high paced learning situation, which requires intense concentration and the ability to work efficiently. The course content involves performing the four fundamental operations on algebraic expressions, relating algebraic concepts to problem solving and practical applications (story problems), factoring polynomials, solving inequalities, graphing on the number line and in the coordinate plane, functions, irrational numbers and linear equations in two variables.

**Prerequisite: None**

Geometry

1 credit – 1 year

This course is designed for **non-college bound students** who need to become familiar with concepts of geometry in order to pass the Ohio Graduation tests. It will cover much of the same material as accelerated geometry with less emphasis on proofs.

**Prerequisite: Algebra I**

Accelerated Geometry

1 credit - 1 year

This course concentrates on developing the student's logical reasoning both inductively and deductively. Much time is spent on two-column proofs involving properties of angles, planes, lines, segments, triangles, other polygons, and circles. Geometry develops powers of visual perception as related to geometric figures in addition to relating geometric concepts to basic algebra skills. The second semester stresses work with similar polygons, the Pythagorean Theorem, circles, area, surface area and volume, and coordinate geometry.

**Prerequisite: Accelerated Algebra I**

Transition to Algebra II

1 credit - 1 year

This course is designed to bridge the gap from previous classes and introduce the beginnings of Algebra II. In the beginning of the course, time will be spent completing Algebra I concepts, including studying parabolas, working with polynomials, and solving quadratic equations. Following that, time will be spent finishing some Geometric concepts, postulates and theorems from the more complicated portions of geometry. Upon completion of these topics, the introduction of Algebra II will commence.

**Prerequisite: Algebra I and Geometry**

Algebra II

1 credit – 1 year

The student will review from Transitions to Algebra II and begin the year from where the previous class left off. Topics of study will include operations with real numbers, linear equations, systems of equations, functions and relations, polynomials, and evaluating rational expressions. As time permits, further topics will include portions of irrational and imaginary numbers, quadratic equations, conics, and exponential functions. The class will include real world applications and is meant to be the capstone course when the student is not considering Honors level math courses. The class should be taken during the student's senior year.

**Prerequisite: Alg I, Geometry, Transition to Algebra II**

Accelerated Algebra II

1 credit - 1 year

The student will review and expand upon skills learned in Algebra I. This includes operations with real numbers, linear equations, systems of equations, functions and relations, polynomials, and evaluating rational expressions. The course introduces irrational and imaginary numbers, quadratic equations, conic sections, and exponential functions. Students will be doing word problems throughout the year. Algebra II is a junior or senior level course, but can be taken as a sophomore with prerequisites.

**Prerequisite: Acc. Algebra I and Acc. Geometry**

Advanced Math \*

1 credit - 1 year

Advanced Math is a weighted class, which is designed to prepare students for their first college math course. You will be exposed to more advanced topics in mathematics such as functions, complex numbers, limits and derivatives, exponential and logarithmic functions, trigonometric functions, vectors, and matrices. This is basically a Pre-Calculus course and is highly recommended for college bound students, especially in math, science, and engineering fields.

**Prerequisite: Acc. Algebra I, II and Acc. Geometry**

Calculus \*

1 credit - 1 year

This is a weighted course, which will try to make the transition to college calculus much simpler. One and a half semesters of college calculus will be covered over the year. This includes properties of functions, continuity, inverse, relations, derivatives, and integrals. Students will also review previous material in preparation of college math placement tests. This is a five-year program, so enrollment should be determined prior to the eighth grade. There have been situations where students have been allowed to double up with two math courses in one year, but this is an extremely difficult task, since each course builds on material from the previous course.

**Prerequisite: Acc. Algebra I, II, Acc. Geometry, and Adv. Math**

<h2>MUSIC</h2>
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Band

1 credit - 1 year

The Wynford High School Band program consists of: marching band & flag corp., concert band and wind ensemble. All members of each group are expected to participate in all performances. Students also can participate in instrumental competitions. Participation is mandatory for most events unless arrangements have been made with the instructor prior to the performance.

**Prerequisite: Ability to play a musical instrument**

Concert Choir

1 credit - 1 year

Concert Choir is the general choir, for all students 9-11 that do not meet the minimum requirements for the Chamber Choir (auditioned choir). This is primarily for students who are fulfilling an arts credit, and / or students who are still developing vocally and musically. When and if scheduling conflicts arise, a student wishing to participate in choir will be placed in the choir that best fits his/her schedule so to promote academic rigor.

**Prerequisite: None**

Chamber Choir

1 credit – 1 year

Chamber Choir is an auditioned choir offered to 9-12 grade. Minimum requirements for this course would be a proficient pitch matching, note and rhythm reading skills, and ability to sing parts independently or with others. Auditions for this choir will be held in February each year. A written and vocal examination will be issued to all students wishing to participate in this ensemble. When and if scheduling conflicts arise, a student wishing to participate in choir will be placed in the choir that best fits his/her schedule so to promote academic rigor.

**Prerequisite: None**

**SCIENCE**

Suggested science program options:

<u>3 year</u>		<u>4 year</u>			
Int. Science 1	9	Int. Sci. 1 or Biology	9	Int. Science 1	9
Biology	10	Chemistry	10	Biology	10
Chemistry	11	Anatomy/Physiology	11	Anatomy/Physiology	11
-----		Physics	12	Chemistry	
				or Physics	12
Int. Science 1	9	Int. Sci. 1 or Biology	9	Int. Science I	9
Biology	10	Chemistry	10	Biology	10
Any other science	11	Adv. Chemistry	11	Chemistry	11
		Physics	12	Adv. Chemistry	
				or Physics	12

Integrated Science I: Physical Science

1 credit - 1 year

This course is a must for all freshmen with regards to understanding fundamental scientific issues and phenomena. The main objective of this class will be to provide students with a scientific foundation that will prepare them for future high school and college courses as well as aid in their basic understanding of the natural world.

Topics covered in this class include physical science systems and concepts; describing and predicting physical interactions; the structure and properties of matter; the properties of materials and objects; chemical reactions; conservation laws; understanding scientific laws; forces affecting motion; waves and the interactions of matter and energy; the interconnectedness of science and technology with benefits and risks involved; the processes

of scientific inquiry; developing scientific habits (vocabulary and thought processes); historical events related to science; and current issues and developments.

This is a physical science course.

This course will use google for distribution of content, assignments, assessments, and student submissions on a daily basis. Each student will be given a google account that they may use for academic assignments in other classes throughout their high school career.

**Prerequisite: None**

### Biology

1 credit - 1 year

This class is required to graduate. The course investigates the composition, diversity, complexity and interconnectedness of life on Earth. Course content includes the four major science standards required by state law – Cells, Heredity, Evolution, and Diversity and Interdependence of Life on Earth.

**Prerequisite: Integ, Science I**

### Chemistry

1 credit - 1 year

Chemistry studies the properties and composition of matter and how it undergoes changes. Topics includes measurement, dimensional analysis, matter & energy, atomic structure, periodicity, chemical bonding, chemical nomenclature, chemical equations, heat vs. temperature, stoichiometry, gas laws, solutions, and acids and bases. Laboratory work will reinforce the topics covered in lecture and help students develop fundamental laboratory and analytical skills. This course is highly recommended for students planning to attend college or some type of technical training beyond high school and is required for nursing school. This course is open to seniors, juniors, and sophomores who have a good science background. This is a physical science class.

**Prerequisite: Due to the frequent use of math in this course, prospective students must be on the accelerated math pathway to sign up for this course as an underclassman.**

### Anatomy & Physiology

1 credit - 1 year

This course is a great class for those who are interested in a possible career in a health-related field. The object of study is the human body. The curriculum will take the student through the major body systems of the human body at great depth. Various dissections will also provide a more intense study of the various body systems and or organs.

**Prerequisite: Biology**

### Advanced Chemistry \*

1 credit - 1 year

Advanced Chemistry is a weighted class, which reviews 1<sup>st</sup> year Chemistry in greater depth. Emphasis will be placed on the study of atomic structure and behavior, mole concept, stoichiometric calculations, quantum theory, and chemical bonding and solubility. Additional topics such as, chemical kinetics, chemical equilibrium, electrochemistry and an introduction to Organic chemistry will also be covered. Laboratory work will reinforce the topics covered in lecture and help students refine their laboratory and analytical skills. **This course may be taken for 4 semester hours of college credit through the University of Findlay College Credit Plus program.** If interested, see your counselor. This is a physical science class.

**Prerequisite: A minimum grade of "C" in Chemistry. Due to the frequent application of math and writing in this course, strong math and writing skills are highly recommended.**

## Physics \*

1 credit - 1 year

Physics is a weighted class, which is the study of the physical laws of theories of nature and applications related to: motion, sound, light, magnetism, electricity, and nuclear energy. Topics include, vector mechanics, equilibrium, linear and rotational kinematics and dynamics, work, energy and power, impulse and momentum, wave phenomena, fluid mechanics, heat, electricity, optics, magnetism, special relativity, and basic nuclear and atomic physics. Laboratory work will reinforce the topics covered in lecture and help students refine their laboratory and analytical skills. **This course may be taken for 4 semester hours of college credit through the University of Findlay College Credit Plus program.** If interested, see your counselor. This is a physical science class. **Prerequisite: A minimum grade of C in Geometry. Due to the frequent application of math and writing in this course, strong math and writing skills are highly recommended.**

## SOCIAL STUDIES

### World History

1 credit – 1 year

This class explores roughly 100 years of History, from a global prospective. The time period studied goes from Reconstruction to the end of WWI and the Treaty of Versailles. The strands covered by this class are comparative societies, geography, critical analysis, civic responsibility, the U.S. Constitution, economic principle, American heritage, world interactions, decision-making and resources, citizenship rights and responsibilities, enlightenment principles, and democratic process. This course will also provide practice for the Standardized Tests short-answer/extended response.

**Prerequisite: None**

### Modern American History

1 credit – 1 year

This class covers modern American History from a global prospective and covers the time period from between the World Wars to the present. The strands covered by this class are comparative societies, geography, critical analysis, civic responsibility, the U.S. Constitution, economic principle, American heritage, world interactions, decision-making and resources, citizenship rights and responsibilities, and democratic process.

**Prerequisite: World History**

### Government

1 credit – 1 year

This course is a required semester class for juniors and seniors. An examination of the American political process as manifested in voting behavior, parties and their nominating conventions, interest groups, the Presidency, Congress, and the Judiciary. Special emphasis is placed on providing the student with a theoretical framework for evaluating the system including discussions of decision-making, bargaining, and democratic control.

**Prerequisite: World History & Modern American History**

## **PIONEER CAREER & TECHNOLOGY CENTER**

Pioneer Career & Technology Center is an extension of Wynford High School. Students who attend PCTC will receive a certificate and career passport from PCTC and their diploma from Wynford.

At PCTC, you will take a combined American History/Government class during your senior year. Any student, who enrolls at Pioneer and prior to graduation decides to return to Wynford, will be expected to complete the social studies and business law requirements at Wynford.

The more than 37 programs available at PCTC are part of the curriculum in our 14 home school districts. Credit earned at PCTC is used to meet the minimum requirements for graduation as established by the State of Ohio and the Wynford Board of Education. Students may earn a Vocational Certificate upon successful completion of all requirements in their vocational program.

Students also may participate in \*College Tech Prep programs which help prepare you to enter two year technical schools or colleges. College Tech Prep programs combine academic, occupational and employability skills at both the high school and college levels. Agreements have been formed to allow students to receive college credit for their work at Pioneer and apply it to college.

### **AGRICULTURAL**

- Horticulture
- Meat & Animal Science

### **ARTS & COMMUNICATION**

- Graphic Arts
- Media Communications
- Performing Arts Academy

### **BUSINESS & COMPUTER ACADEMY**

- College NOW – Business Administration
- Information Technology Support
- Web Page Design and Programming

### **CONSTRUCTION**

- Carpentry
- Home Remodeling
- Masonry

### **HEALTH ACADEMY**

- Exercise Science & Sports Medicine
- Health Assistant
- Dental Assisting
- Medical Technology
- Medical Office

### **HUMAN SERVICES**

- Cosmetology
- Criminal Justice
- Homeland Security
- Culinary Arts
- Early Childhood Education
- Hospitality Services
- Teaching Professions

### **MANUFACTURING**

- Engineering Design Technology
- College Now Engineering

Environmental Services  
Industrial Electricity Technician  
Precision Machining Technologies  
Welding

**TRANSPORTATION**

Automotive Technology  
Collision Repair Technology  
Industrial Diesel Mechanics  
Power Equipment Mechanics

**MANAGEMENT**

Bridges  
Con Next  
Project Search

More information can be obtained in the high school guidance office.

Name \_\_\_\_\_

Grade \_\_\_\_\_ (2017-2018)

GRADE 9		GRADE 10		GRADE 11		GRADE 12	
COURSES	CREDITS	COURSES	CREDITS	COURSES	CREDITS	COURSES	CREDITS
English 9	1	English 10	1	English	1	English	1
Math	1	Math	1	Math	1	Math	1
Science	1	Science	1	Science	1		
World History	1	Modern American History	1	Govt.	1		
PE Health	1/4 1/2	PE	1/4	Econ	1/2		
						Sr. Seminar	1
<b>TOTALS</b>		<b>TOTALS</b>		<b>TOTALS</b>		<b>TOTALS</b>	

Requirements to graduate from Wynford High School.

\*\*24 credits including the following:

- 4 credits of English
- 4 credits of math
- 3 credits of science
- 3 credits of social studies
- 1 semester of health
- 2 semesters of physical education or 2 seasons of sports/band
- 1 credit of business/technology, fine arts or foreign language
- 1 credit of Senior Seminar

**YOU MUST FILL THIS IN**

These are my alternatives:

(Classes I would take if my 1<sup>st</sup> choices don't fit)

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

**PLEASE READ CAREFULLY**

Registration is an important matter and should be given the most careful consideration because of the influence it will have on the plans for your future. Please discuss this matter with your parents, teachers, and/or counselors. Your registration will not be considered complete until your parents or legal guardian has signed this and an administrator or counselor approves it.

\_\_\_\_\_  
Student's Signature

\_\_\_\_\_  
Parent/Guardian's Signature