



PROGRAM OF STUDIES

2022-2023



Winton Woods High School



A New Tech Network District

IRN: 064147

Educational institutions today must educate students for a world that does not yet exist. This means schooling students in the traditional disciplines and recognized body of thought as well as teaching them essential 21st Century skills to survive in a global society: critical thinking; collaboration; creativity and innovation; and communication. The role of Winton Woods High School is to guide students in making decisions that best equip them with the discipline, skills, knowledge, and determination necessary to pursue their life goals. Selecting appropriate courses during high school is a major first step in laying the foundation for future success.

The Winton Woods High School Program of Studies describes a variety of courses and programs available to students throughout their four years of study. Students, with guidance from school personnel and parents, select academic courses and electives that will help them fulfill high school graduation requirements and prepare them for post-secondary study or the world of work. The Winton Woods Program of Studies also contains information to aid students and parents in understanding the expectations of individual courses, the district's grading system, other administrative academic policies, and the scheduling process.

Students and parents are encouraged to carefully review the Winton Woods Program of Studies and use it to determine which courses meet your future needs. School counselors, teachers, and administrators are committed to helping you achieve your individual success plan. Take advantage of the myriad of opportunities available to you. The decisions you make now will help shape the rest of your life.

Eric L. Martin
Principal

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Information in the Program of Studies is correct as of printing (January 2017). Some offerings and/ or course descriptions may be subject to change.

INTRODUCTION

A solid educational background is the cornerstone on which individuals build their future. The goal of the Winton Woods City School District is to provide all students with a broad and varied program as they grow academically. Winton Woods High School and the Great Oaks Institute of Technology and Career Development encourage all students to take maximum advantage of the learning opportunities offered to them.

The task of planning a comprehensive four-year program takes careful consideration. The Board of Education, administrators, and staff present this Winton Woods Program of Studies to assist students and parents in the selection of courses. This booklet contains descriptions of all courses and available services, as well as all pertinent information concerning graduation requirements and educational options.

Please note that every effort has been made to provide up-to-date, accurate information in regard to class offerings. However, some class offerings may have to be changed to accommodate scheduling needs. Be assured we will inform you of class cancellations or additions as they are made.

OFFICIAL NOTICE OF TITLE IX COMPLIANCE

POLICY OF NON-DISCRIMINATION – It is the policy of the Winton Woods City School District that educational activities, employment, programs, and services are offered without regard to race, color, religion, national origin, creed or ancestry, age, gender, marital status or disability.

NEW TECH NETWORK (NTN)

Winton Woods High School has transitioned into a New Tech Network school. Every student attending the WWHS main campus enrolled in College Prep, Honors or Advanced Placement courses will be attached to the Academy of Global Studies (AGS) or the New Tech Academy (NTA).

New Tech Network (NTN) is a non-profit organization that helps students gain the knowledge and deeper learning skills they need to succeed in life, college, and the careers of tomorrow. We work nationwide with schools, districts, and communities to provide services and support that enable schools to fundamentally re-imagine teaching and learning.

Project-based learning is at the heart of our instructional approach. In project-based learning, learning is contextual, creative, and shared. Students collaborate on projects that require critical thinking and communication. By making learning relevant to them in this way, student engagement reaches new levels. This higher level of engagement is associated with better [educational outcomes](#).

The smart use of **technology** supports our innovative approach to instruction and culture. All classrooms have a one-to-one computing ratio. With access to Web-enabled computers and the latest in [collaborative learning technology](#), every student becomes a self-directed learner who no longer needs to rely on teachers or textbooks for knowledge and direction. We use Echo, an [online learning management system](#) to create a vibrant network which helps students, teachers, and parents connect to each other, and to student projects across the country.

Finally, each New Tech school maintains a **culture** that promotes trust, respect, and responsibility. At New Tech schools, students and teachers alike have exceptional ownership of the learning experience and their school environment. Working on projects and in teams, students are accountable to their peers and acquire a level of responsibility similar to what they would experience in a professional work environment.



New Tech Network

WINTON WOODS HIGH SCHOOL POLICIES & REQUIREMENTS

ATHLETIC ELIGIBILITY REQUIREMENTS: COLLEGE

All prospective student-athletes who want to play NCAA Division I, Division II or Division III intercollegiate athletics must adhere to NCAA eligibility requirements. Student-athletes and parents should view the wealth of information and videos available at the NCAA Eligibility Center (http://web1.ncaa.org/ECWR2/NCAA_EMS/NCAA.jsp).

Be sure to ask your guidance counselor if the classes you take have NCAA Eligibility Center approval. You may also speak to your athletic director or coach about these requirements, or contact the NCAA national office at 1-800-638-3731 or www.ncaa.org.

The NCAA eligibility process has changed significantly. Please see the Athletic Director or visit the Guidance Counselors Office if you have additional questions.

ATHLETIC ELIGIBILITY REQUIREMENTS: HIGH SCHOOL

All students are encouraged to participate in interscholastic athletics at Winton Woods. In order to remain eligible to participate in extra-curricular activities, all student athletes must meet the criteria according to OHSAA Guidelines for Academic Eligibility, Section 4-4-1 of the Ohio High School Athletic Association Constitutions and Bylaws.

Students should not spend more time on extra-curricular activities at the expense of their academic responsibilities. No student will be permitted to participate in any extracurricular activity which would conflict with the normal daily schedule. Late Arrival and Early Dismissal are NOT recommended for student-athletes.

Students should note the following OHSAA minimum criteria for maintaining eligibility:

- Be enrolled in the Winton Woods City Schools as a full-time student (grades 9-12).
- Have passing grades in a minimum of five one-credit courses (or equivalent), and a minimum grade point average (GPA) of 1.0, for the grading period prior to the grading period in which he/she wishes to participate. (Physical education courses, as ¼ credit courses, do not meet these criteria.)
- Maintain at least a 1.75 grade point average during the eligible participating quarter.
- Students taking CCP courses will be required to provide grade reports from their college's 1st and 3rd quarter for eligibility determination.
- Grades earned while enrolled in a summer school course may not count toward meeting this requirement.
- Additionally, the WWCS Board of Education has adopted an "F" rule. Students may not have more than one "F".

If a student is not eligible by District standards, but is eligible by Ohio High School Athletic Association (OHSAA) standards, there is a **one-time option for probationary status**. Petitions for this status are made to the Principal or designee.

Certain extra-curricular activities require an additional fee. These activities include all sports teams, cheerleading, band, varsity ensemble, color guard, fall play, and spring musical.

CLASSIFICATION OF STUDENTS

All students must be enrolled in a minimum of seven classes each semester. Only seniors may take a reduced schedule (late arrival or early dismissal) if they meet identified criteria. It is highly recommended for students involved in athletics to enroll in seven classes to assist with NCAA eligibility requirements.

Promotion to the next grade will require an appropriate amount of credits to be earned each year. These credits are a progression towards the 22 credits required for graduation from Winton Woods City Schools.

Year	Grade	Minimum Credits
1	9	--
2	10	5.75
3	11	11.50
4	12	17.25

Students and parents should be very aware, however, that even though students may be classified as a senior based on year in high school, graduation is only determined by credit attainment. Students who are on-track for on-time graduation will earn between 6 $\frac{3}{4}$ and 7 credits per year.

COLLEGE CREDIT PLUS

Historically in Ohio, there were three ways to earn college credit while in high school:

1. **Advanced Placement** -Advanced Placement (AP) requires a 3rd party assessment and a score of 3 or above for guaranteed USO credit upon enrollment in a USO institution.
2. **Dual Credit**
3. **Post-Secondary Education Options**

Beginning in 2015-2016 in Ohio, Dual Credit and Post-Secondary Enrollment Options became the single pathway to earning college credit while in high school via the College Credit Plus Program. College Credit Plus is a dual-enrollment program,

meaning that high school students take college-level non-remedial courses and earn credit towards high school graduation while simultaneously earning college credit.

What is College Credit Plus?

College Credit Plus, or CCP, replaces Ohio's Post-Secondary Enrollment Options program and all alternative dual-enrollment programs previously governed by ORC 3365. CCP, created via H.B. 487, was signed into law on June 16, 2014, and becomes operational in 2015-2016. All public districts and public institutions of higher education MUST participate.

There are two fundamental conditions of CCP:

1. The student MUST BE enrolled in both high school and college.
2. Students earn TRANSCRIPTED high school and college credit upon successful completion of courses.

All courses taken through CCP are transcript credit. Transcript credit is posted on a high school or college transcript when a student completes coursework or enrolls in college. The transcript, graded credit is generally based on an end of course test, either developed or approved by the college faculty in the discipline area. The course could be taught in the college or high school setting. If the instruction is delivered by a high school teacher, this teacher must meet the credentialing requirements of the college. Ideally, the instructor is designated as a college adjunct instructor.

A Transfer Assurance Guide, or TAG, credit is a credit that is guaranteed transfer among Ohio's public colleges and universities. TAG credits are guaranteed equitable treatment in the application of credits to admission and degree requirements. The Ohio Board of Regents established policies and procedures applicable to all state institutions of higher education to ensure that students can begin higher education at any state institution of higher education and transfer coursework and degrees to any other state institution of higher education without unnecessary duplication or institutional barriers.

CCP Requirements & Considerations

- Students who enroll in the CCP program must meet the entrance requirements of the desired college or university.
- All advanced standing programs must be weighted the same within subject area. Honors classes may not be weighted higher than any advanced standing program.
- Students participate in the CCP program at no cost.
- Students may take a maximum of 30 semester hours per year through CCP. Summer courses count toward the 30 semester hours per year.
- Students taking the majority of their courses through CCP will only be eligible for academic honors at the semester when final transcript grades are posted.
- For athletes, the "clock" for NCAA eligibility begins after high school graduation.
- The CCP program is open to *eligible* students in grades 7-12.
- Participation in CCP does not affect a student's eligibility at any Ohio public college for scholarships or other benefits awarded to first-time college students.
- Winton Woods High School highly encourages students and families to attend one of the two CCP meeting schedule during the month of February yearly. **Please look for district communications on about CCP meetings.**
- The deadline for students & parents to notify Winton Woods High School of intent to participate in the CCP program in the fall is April 1.

Cincinnati State Technical & Community College
College Credit Plus AA & AS Transfer Pathway
High School: Winton Woods High School

The courses provided in the 15 and 30 credit hour pathway model are consistent with Cincinnati State Transfer Module and includes courses that can transfer to any public Ohio two-or four-year colleges.

Course Information

Delivery Methods Defined

On-Campus: High School student released from the High School to participate in College course offered at the college campus (or online) by the college faculty. High School agrees to award corresponding High School credit for the College Course successfully completed.

Online: High School student registered for a College Course offered online and taught by a College faculty. May also include a hybrid model with a High School teacher monitoring student progress in the high school as part of a daily schedule. High School agrees to award corresponding High School credit.

In High School: College Course section created and offered at the High School location and taught by a High School teacher who has been reviewed, approved, and trained by the College Department to teach the College Course. High School identifies corresponding High School course credit to award.

COMMENCEMENT CEREMONY

Commencement exercises will include only those students who have successfully completed requirements for graduation as certified by the high school principal or in accordance with the terms of their I.E.P. No student who has completed the requirements for graduation shall be denied a diploma as a disciplinary measure. A student may be denied participation in the ceremony of graduation when personal conduct so warrants. (Board Policy 5460)

CREDIT FLEXIBILITY

The WWCS D Board of Education recognizes that an effective educational program is one that provides opportunities for students to customize aspects of their learning around their respective needs and interests. Credit flexibility is one method to motivate and increase student learning by allowing access to more resources, customization around individual student needs and the use of multiple measures of learning. Credit flexibility shifts the focus from “seat time” to “performance.” Students can earn units of high school credit based on an individual approved credit flexibility plan. The intent of credit flexibility is to meet increased expectations for high school graduation in response to globalization, technology and demographics and to meet the demand for 21st century skills.

In accordance with state law, the district has developed a credit flexibility plan that enables students to earn high school credit by:

- 1.) completing traditional coursework;
- 2.) testing out or showing mastery of course content;
- 3.) pursuing an educational option or individually approved option; and/or
- 4.) any combination of the above

Students interested in pursuing a credit flex option should contact their guidance counselor.

CREDIT RECOVERY

Winton Woods High School offers a limited online credit recovery program. Students are enrolled with guidance or administrative approval only. If credit recovery is assigned as a course in the student regular school day there is no additional fee. Students will only be enrolled in one credit recovery course at a time.

DISSEMINATION OF STUDENT PERSONAL & ACADEMIC INFORMATION

The Winton Woods Board of Education adopted a policy and guidelines at the August 1985 board meeting consistent with the requirements of the Federal Family Educational Rights and Privacy Act. The major points of the policy and guidelines now in effect are listed on the following page:

1. Parents and adult students may examine the student's record file upon reasonable notice. If the parent or adult student believes inappropriate material is contained in the file, he/she may file a challenge through an established procedure.
2. Students applying to colleges, universities or other advanced training institutions, or employers will be provided transcripts to forward to the institution and businesses.
3. If outside agencies or employers request records, they must present a release signed by the adult student or parent. Certain exceptions are written into this law.
4. In the event the student transfers to another school district, the student must obtain a withdrawal slip from the registrar's office the last full day of school. The official copy of the student's transcript will be mailed to the new school upon receipt of request and fulfillment of all obligations to Winton Woods City School District.
5. Teachers, counselors, and administrators upon request by the adult student or parent may, but are not required to, give student recommendations or value judgments to educational institutions or employers.

Parents and students interested in more details regarding the law and guidelines should contact the principal of the building to which the student is assigned.

EARLY GRADUATION

Before a student is evaluated for early high school graduation, the principal (or his/her designee) must obtain written permission from the student's parent/guardian. Students wishing to graduate early from high school should submit a written request at least twelve months before they wish to graduate to their counselor. Students requesting early high school graduation will be evaluated based on:

- Past academic performance;
- Measures of achievement based on state academic content standards;
- The ability to successfully complete state mandated graduation requirements on an accelerated basis; and
- The student's own thoughts of possible early graduation from high school.

(Board Policy 5408)

A meeting with the Superintendent, student, and the student's parent/guardian may be required.

ENGLISH AS A SECOND LANGUAGE (ESL)

English as a Second Language (ESL) courses are provided for students working toward a high school diploma who have little to no fluency in English, and who have generally been in the country for less than three years.

FIGURING THE CUMULATIVE GPA

1. Look at the semester grades FOR EACH CLASS. Use 4 quality points for an A, 3 quality points for a B, 2 quality points for a C, 1 quality point for a D, and 0 quality points for an F.
2. Add all of the quality points together.
3. Add all of the credits together.
4. Divide the total quality points earned by the total credits attempted. This will give you the non-weighted cumulative GPA.
5. To find the weighted GPA, add to the GPA the following weights for each appropriate weighted course (see **WEIGHTED COURSES**).

• Year-long Course	0.5
• Semester Course	0.25
• Advanced Placement (AP) Course	1.0

FINANCIAL OBLIGATIONS

Section 3313.642 of the Ohio Revised Code provides that Boards of Education may adopt rules and regulations prescribing a schedule of fees for materials other than necessary textbooks and may prescribe a schedule of charges which may be imposed upon pupils for the loss, damage, or destruction of school apparatus or buildings, equipment, musical instruments, library material and textbooks required to be furnished without charge.

The

Board of Education may enforce payment of such fees and charges by withholding the grades and credits of the pupils concerned.

There is a fee associated with many courses. Fees are due upon receipt of student’s schedule. Please check the District Fee List published each year. Fees are pro-rated on a quarterly basis. One-half of the established fee will be returned to the student who withdraws during the first or second grading period. One-fourth of the established fee will be returned to the student who withdraws during the third grading period. No refund will be made to any student who leaves during the fourth grading period.

**Students on free lunch may be eligible to have their current year fees waived.
Students may not participate in extracurricular activities until all fees are paid.**

FOREIGN EXCHANGE STUDENTS

As part of our commitment to give Winton Woods High School students a globally-focused education, the school accepts a limited number of foreign exchange students each year from recognized foreign exchange programs, such as EF Foundation. Winton Woods also accepts some tuition-paying international students. Families interested in hosting a Foreign Exchange Student should contact the high school main office.

GRADING SYSTEM

Winton Woods High School has a 10-point grading policy, which includes the following guidelines for implementation.

- A minimum grade of 50
- Students will earn credit by semesters
- Each semester grade will be calculated using 40-40-20, where each quarter is worth 40% and the exam is worth 20%
- The requirement for full year courses will only be met once students earned both first and second semester credits
- Grading Scale (percents will not be rounded up):
 - A 90 and above
 - B 80-89.9
 - C 70-79.9
 - D 60-69.9
 - F 50-59.9

GRADUATION REQUIREMENTS

All course credits at Winton Woods High School are designed for one or two semesters. One-half credit will be awarded following the successful completion of each course (PE semester = $\frac{1}{4}$ credit). Students who fail a required course must make up the missing credit.

Students must have a total of 22 credits to receive a diploma from the Winton Woods City Schools. These credits may be earned by completion of courses offered at the high school in combination with courses offered at the Great Oaks Institute of Technology and Career Development, College Credit Plus, or via the Credit Flexibility option.

Credits required for graduation from Winton Woods High School in 2015 and beyond are listed below:

Total Credits Required	22 credits
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English/Language Arts	4 credits
Health	$\frac{1}{2}$ credit
Mathematics	4 credits
Physical Education	$\frac{1}{2}$ credit (2 courses)
Science	3 credits
Social Studies	3 credits
Electives	7 credits

* All students must earn at least one credit in fine arts (art; music) during grades 7-12 and one half credit in financial literacy during grades 9-12 (Business Economics; Wealth Management; Economics).

The class of 2018 and beyond will be required to take the seven End of Course assessments and meet state required scores on the assessments. (Please reference Ohio Graduation Requirements on page 23).

Note: Only those students who meet the Winton Woods City School District requirements for earning a high school diploma and met all state graduation tests, and have all financial obligations resolved, may participate (“walk”) during the commencement exercise.

Great Oaks Students

Students attending Great Oaks Joint Vocational School must meet Winton Woods High School eligibility requirement for graduation to receive a Winton Woods High School diploma. Students are responsible for meeting regularly with counselors and determining what needs must be met in order to meet requirements to graduate.

GUIDANCE/ COUNSELING PROGRAM

Members of the Guidance Department are professionally trained to deliver a comprehensive guidance program using evidence-based interventions to assist students with social/emotional concerns, academic planning and progress, and college and career planning. Counselors collect and analyze data to provide appropriate interventions to meet individual student needs and the needs of the entire student body.

The Guidance Office can be utilized to gather information on college, ACT/SAT college entrance exams, financial aid, technical schools, vocational schools, apprenticeship programs and the Armed Services. Students can also access information on national and local scholarships, in addition to varied educational enrichment opportunities for our students in grades 9-12. Counselors and students also use Naviance, a secure web-based tool, to communicate post-secondary plans and facilitate the college application process. Students are exposed to Ohio Means Jobs (Website) that further supports career knowledge as well as provides free test preparation.

Members of the Guidance Department arrange for representatives from colleges, universities, business and industry to counsel with high school students to discuss educational plans, career trends, and funding their education. The Guidance department is committed providing on college campus opportunities for high school students. Some of the programs arranged by department staff include Eighth Grade Parents Open House, Freshman Orientation, Financial Aid Night, Scheduling Night and College Info Night.

HIGH SCHOOLS THAT WORK (HSTW)

Winton Woods High School is affiliated with *High Schools That Work* (HSTW), a national reform plan. HSTW pursues data-driven practices that increase student achievement and career readiness. Following the Ten Key Practices and Five Key Conditions of the HSTW model, Winton Woods High School and the Great Oaks Institute of Technology and Career Development, our career/technology partner, have made a commitment to providing all students with the skills required for future success.

HSTW Key Practices

High Expectations	Teachers Working Together
Program of Study	Students Actively Engaged
Academic Studies	Guidance
Career & Technical Studies	Extra Help
Work-Based Learning	Culture of Continuous Improvement

HONOR ROLL

Principal's Honor Roll 4.0 GPA in all subjects

First Honors 3.50 to 3.99 GPA in all subjects

Any grade of D or below would disqualify any student from the Honor Roll for that given grading period

Second Honors 3.00 to 3.49 GPA in all subjects
 Any grade of D or below would disqualify any student from the Honor Roll for that given grading period

HONORS DIPLOMA

Ohio High School Honors Diploma



REASON FOR DENIAL

Criterion	Ohio Diploma	Academic Honors Diploma	International Baccalaureate Honors Diploma	Career Tech Honors Diploma	STEM Honors Diploma	Arts Honors Diploma (Includes dance, drama/theatre, music, and visual art)	Social Science & Civic Engagement Honors Diploma
High School	4 units, must include one unit of algebra II or equivalent	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	5 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content ⁴	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content
Science	3 units	4 units, including two units of advanced science ²	4 units, biology, chemistry, and at least one additional advance science ²	4 units, including two units of advanced science ²	5 units, including two units of advanced science ²	3 units, including one unit of advanced science ²	3 units, including one unit of advanced science ²
Mathematics	3 units	4 units	4 units	4 units	3 units	3 units	5 units
World Languages	N/A	3 units of one world language, or no less than 2 units of each of two world languages studied	4 units minimum, with at least 2 units in each language studied	2 units of one world language studied	3 units of one world language, or no less than 2 units of each of two world languages studied	3 units of one world language, or no less than 2 units of each of two world languages studied	3 units of one world language, or no less than 2 units of each of two world languages studied
Arts	2 Semesters	1 unit	1 unit	N/A	1 unit	4 units	1 unit
Electives	5 units	N/A	N/A	4 units of Career-Technical minimum ³	2 units with a focus in STEM courses	2 units with a focus in fine arts course work	3 units with a focus in social sciences and/or civics
Grade Point Average (GPA)	N/A	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale
ACT/SAT/WorkKeys ¹	N/A	27 ACT/1280 SAT ⁴	27 ACT/1280 SAT ⁴	27 ACT/1280 SAT ⁴ /WorkKeys (6 Reading for Information & Applied Mathematics) ⁷	27 ACT/1280 SAT ⁴	27 ACT/1280 SAT ⁴	27 ACT/1280 SAT ⁴
Field Experience	N/A	N/A	Complete a field experience and document the experience in a portfolio specific to the student's area of focus ⁵	Complete a field experience and document the experience in a portfolio specific to the student's area of focus ⁵	Complete a field experience and document the experience in a portfolio specific to the student's area of focus ⁵	Complete a field experience and document the experience in a portfolio specific to the student's area of focus ⁵	Complete a field experience and document the experience in a portfolio specific to the student's area of focus ⁵
Portfolio	N/A	N/A	Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts ⁶	Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts ⁶	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts ⁶	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts ⁶	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts ⁶
Additional Assessments	N/A	N/A	Earn an industry-recognized credential or achieve proficiency benchmark for appropriate Ohio Career-Technical Competency Assessment or equivalent	Earn an industry-recognized credential or achieve proficiency benchmark for appropriate Ohio Career-Technical Competency Assessment or equivalent	N/A	N/A	N/A

NOTE: Items shaded in blue are changes that were made to the honors diploma system, including the entire STEM, Arts, and Social Science and Civic Engagement Honors Diplomas

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Report cards are mailed to the student's home at the end of each grading quarter. Dates marking the end of the quarter and the mailing of report cards are listed on the District Calendar. Dates for mid-term progress reports are also listed.

Progress reports are mailed to the home in order to communicate progress to parents. Please review these important forms of communication with your student. Contact counselors and parents when you need assistance in monitoring your student's work habits.

SCHOLAR RECOGNITION

Valedictorian & Salutatorian

The Valedictorian is the senior with the top academic standing. The Salutatorian is the senior with the second-highest academic standing. This will be determined at the end of the 1st semester of the senior year.

Top Scholars

High-achieving senior students graduates (formerly the Top 16) will be recognized each May. These graduates get special recognition in the graduation program and also receive a Top Scholar medal. Because this honor is criterion based, and we will recognize ALL students meeting these criteria, the number of Top Scholars will fluctuate from year to year. Beginning in 2015-2016, to qualify as a Top Scholar, students must have earned an Honors Diploma.

Honors Cords

Honor cords at graduation are granted based on the cumulative average calculated through the 3rd quarter of the senior year:

- Graduating with High Honors: Cumulative GPA of 3.5 or higher
- Graduating with Honors: Cumulative GPA of 3.0 or higher

Note: Students who have not been enrolled for three (3) consecutive semesters, including the final semester, are not eligible for graduation honors.

SPECIAL EDUCATION PROGRAM

Winton Woods High School offers a variety of courses and programs designed specifically for students who have been referred, evaluated and identified through the multi-factored process. An individualized education plan (IEP) will be written for each student who, through identification, qualifies for a special educational program. The IEP will be designed to provide students with skills leading to a productive life. Students meet graduation requirements by meeting state and district established credit and testing requirements or by meeting specific academic and testing provisions identified in the IEP.

Students on IEPs will generally take regular education classes. Support will be provided to IEP students in these classes and/or in Study Skills class. Some students who need a more intensive academic environment will be scheduled into resource classes, which provide a more supportive, individualized program to students with severe skill deficits.

SUMMER READING

Summer reading is a requirement for some courses. This requirement is noted in the appropriate course descriptions in this Program of Studies. On the first day of school, students should be fully prepared in regard to the summer reading and assignments for particular courses. Summer reading requirements can be found on the high school link at www.wintonwoods.org.

SUMMER SCHOOL

Summer school courses are for remedial work to makeup course(s) previously failed. The only exception to this will be Health and Physical Education for those students who have a full schedule and cannot fit those courses into the regular school year.

Students must assume all summer school costs as stipulated.

TESTING PROGRAM

Throughout their school years, students will be involved in a series of testing programs to help determine aptitude, placement and achievement. In order to best meet students' needs, the current testing program is being evaluated and will be revised as needed. Some types of tests in which students will be involved are listed below:

End –of-Course Examinations

Beginning with the class of 2018, students will be required to take multi-day End of Course tests and earn a combined score of 18 to meet Ohio Graduation Requirements and to participate in Winton Woods High School graduation ceremonies. The students will take assessments in the following courses:

English 9
English 10
Algebra I
Geometry
US History

US Government
Physical Science (Class of 2018 only)
Biology

These new assessments are computer based. They will take place in April/May.

Students in the classes of 2018 and 2019 that received credit for these courses prior to the creation of the end of course assessment will not take the end of course assessment for that class.

PSAT

The Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test (**PSAT/NMSQT**) is a practice test for the college boards. This test provides the basis for selecting National Merit Scholarship candidates and is required by certain scholarship organizations. The PSAT/NMSQT also determines student eligibility for minority scholarships.

Sophomores and Juniors are required at no cost to take the test. All other grade levels must assume the cost of the test.

Students may also obtain information for the American College Testing Program (**ACT**) and the Scholastic Aptitude Test (**SAT**) through the high school. These two college entrance examinations are administered at various testing centers throughout the city. The tests are voluntary and students must assume the costs for registration.

The Advanced Placement (**AP**) Tests afford academically talented students the opportunity to demonstrate proficiency in subject areas, thus enabling them to earn college credit prior to high school graduation. Students choosing this academic path are expected to complete it; the course may not be dropped. Students enrolled in Advanced Placement understand that the purpose of the course is to prepare them for passing the Advanced Placement test. Each student is required to take the AP Test at the

completion of the course. Tests are given in May of each year and cost approximately \$91 per test. Students must assume the costs of the tests.

TRANSFER CREDITS

Credit transferred to Winton Woods High School from another high school will be examined with respect to meeting current graduation requirements and requirements for Carnegie units. Credit will not be granted for driver's education, religion or military courses. Students must meet the graduation requirements of the Winton Woods City School District to graduate from Winton Woods High School.

TRIPLE A HONOR SOCIETY

The objective of the Triple A Honor Society is to create enthusiasm for scholarship, to stimulate a desire to render service, to promote leadership, and to develop character. 9th and 10th grade students with a C (2.0) or higher grade point average at the end of 1st Quarter qualify for initial membership. To maintain membership, students must retain a C (2.0) or higher GPA, with no grade of D or F, for the entire academic year; complete a three-hour service project; and be active in at least one or more school activities.



Earning an Ohio High School Diploma

Classes of 2018 and beyond

There is no one-size-fits-all way to graduate. Ohio gives you several options to qualify for a high school diploma. Choose the way that works best for you!

To earn a high school diploma in Ohio, you must complete courses and then choose an option on the right to show that you are ready for college or a job. Here's what you need to do to graduate. Your school counselor will give you more details.

Complete Courses

Take and earn a state minimum of 20 credits in specific subjects.

English language arts	4 credits
Health	½ credit
Mathematics	4 credits
Physical education	½ credit
Science	3 credits
Social studies	3 credits
Electives	5 credits

Other Requirements

You also must receive instruction in economics and financial literacy and complete at least two semesters of fine arts. Your district may require more than 20 credits to graduate.

and

Show That You Are Ready

Use at least one option to show that you are ready for college or a job.

Ohio's State Tests

Earn at least 18 points on seven end-of-course state tests. End-of-course tests are:

Algebra I or Integrated Math I	English I
Geometry or Integrated Math II	English II
American Government	Biology
American History	

Each test score earns you up to five graduation points. You must have a minimum of four points in math, four points in English and six points across science and social studies. Your school and district receive grades on the Ohio School Report Cards for all students' scores *and participation* on state tests.

OR

Industry credential and workforce readiness

Earn a minimum of 12 points by receiving a State Board of Education-approved, industry-recognized credential or group of credentials in a single career field and earn a 13 on WorkKeys, a work-readiness test. The state of Ohio will pay one time for you to take the WorkKeys test.

OR

College and career readiness tests

Earn the "remediation-free" scores* on either:

ACT	SAT
English - 18 or higher	Writing - 430 or higher
Mathematics - 22 or higher	Mathematics - 520 or higher
Reading - 22 or higher	Reading - 450 or higher

Your district will choose either the ACT or SAT for all students in your district to take for free during a one-time statewide spring test in grade 11.

*Ohio's university presidents set these scores, which are subject to change.

You have choices. Check them out at education.ohio.gov, search *graduation requirements Classes of 2018 and beyond*. Then talk to your school counselor.

PLANNING THE SCHEDULE

THE ADVANCED PLACEMENT PROGRAM

The Advanced Placement (AP) Program is designed to give high school students access to college-level studies while they are still in secondary school. AP courses are challenging. They demand more work, are faster-paced, and go into much greater depth than traditional high school courses. The reading and writing requirements are often quite extensive in AP courses. At Winton Woods High School, all students enrolled in an AP course are required to take that AP examination in May. AP examinations are roughly three hours in length and are a combination of multiple choice and free response questions. AP tests grades are reported on a five-point scale:

- 5 = extremely qualified
- 4 = well-qualified
- 3 = qualified
- 2 = possibly qualified
- 1 = no recommendation

Successful AP tests results allow students to earn college credit. Participating colleges may honor grades and grant credit for AP scores of 3 or better.

AP courses are open to all students who are committed reading college-level textbooks and completing college-level assignments. Students who enroll in an AP course understand the course will be fast-paced and will require nightly work and study. AP courses require independent and critical thinking. A strong work ethic, as well as a high degree of self-discipline and organization, is required on the part of the student to be successful in an AP course. A typical week for a student in AP United States History would include: reading 15-20 pages per night from a college-level text; frequent quizzes; a document-based question (DBQ) where students are asked to interpret primary source documents and write an essay; and active participation in daily class discussions.

THE HONORS PROGRAM

The Honors Program is an accelerated program designed for those students who demonstrate a willingness to engage in a more thorough study of specific content. Honors courses are fast-paced. Students are expected to think critically and independently in a collaborative environment. A strong work ethic, as well as a high degree of self-discipline and organization, is required on the part of the student to be successful in an Honors course. Honors courses are designed to prepare students for the rigor of college coursework at highly selective colleges and universities and/or highly selective academic specialties.

THE COLLEGE PREP PROGRAM

The College Prep (CP) Program is designed for students to demonstrate an understanding of skill mastery through written, spoken, and reading comprehension activities as a base requirement across all core content areas. Students are expected to use organization and study skills at home as well as school. College Prep courses are designed to prepare students for the rigor of college coursework at two and/or four year institutions of higher education.

COURSE PLACEMENT FACTORS

Students new to Winton Woods will be placed into courses based on their previous academic history. For new ninth-graders, students **may** be placed in courses based on one of two criteria: (1) 8th Grade OAA scores (if applicable) or (2) the results of a mathematics and a reading placement test.

REASONS THAT MAY JUSTIFY A SCHEDULE CHANGE

Changes in the schedule may be made through the first week of school. After that time, changes in the schedule, unless for reasons stated below, may not be honored.

1. Semester imbalances
2. Replacement of summer school courses successfully completed
3. Adjustments that accommodate special education students' needs
4. Inappropriate course level as dictated by the prerequisite course final grade and/or teacher recommendation
5. Obvious program error such as omission of required subject or selected subject (if available)
6. Failure of a subject last year and scheduled into next level without meeting prerequisite course requirement

All appeals for schedule changes will be initiated through the counselors' office. The final decision of any appeal rests with the Principal of Winton Woods High School. We will endeavor to match students' requests in regard to their schedules; however due to master schedule constraints, this may not always be possible.

REQUEST TO DROP A CLASS

In the event that it becomes necessary for a student to drop a course, the following procedures will apply:

1. A drop will not be permitted if it results in a student being enrolled in less than seven periods a day (including lunch).
2. Courses may only be dropped with administrative approval
3. Once a class is dropped, students will be scheduled in a new course based on course availability and constraints of their schedule.

SCHEDULING PROCESS

Developing a four (4) year schedule plan is important to receiving not only the desired academic program, but also in meeting the requirements for graduation and career choices. Careful course selection each year is a priority in the scheduling process. Counselors and advisors are trained to guide students in course selections based on interests, aptitude and achievement.

In order to create a master schedule that will best accommodate the needs of Winton Woods High School and our students, it is necessary to know what plans your student has outlined for his/her learning experiences and to develop a schedule within a specific period of time.

Students should select courses based on interest, skill, grades, and teacher recommendations. The subjects are to be checked off on the course selection sheet and reviewed by the students and the parent/guardian. This sheet should be returned to the school. Once the student's courses are selected, students and parents/guardians are asked to sign the form, indicating approval and commitment to the student's schedule for the upcoming year. Those students who do not return their schedules by the deadline will receive the courses selected by the counselor and student during the counseling interview.

All students must be enrolled in eight classes per semester (including lunch). Seniors may be enrolled in seven classes (including lunch) per semester if they are also enrolled in Late Arrival or Early Dismissal. Physical education and health are required of all students by state law. In order to be excused from physical education (within a given school year), other than on a very short-term basis, a student must present a letter from a qualified physician indicating the nature of the disability and the length of time the student should be excused. The physician may also indicate a modified program of appropriate physical education.

College Preparatory and Honors students are required to follow the schedules developed with the counseling department. College-bound students should check with individual colleges to establish which fine arts credits are accepted.

SCHEDULING TIMELINES

Each parent and student will be expected to participate in a scheduling conference with the student's advisory teacher. This conference will be held in the evening. Counselors will be available to assist in the process throughout the evening.

WEIGHTED COURSES

The following is the system used for weighting grades at the high school level.

1. A student taking Honors weighted courses will have a 0.5 added to his/her final grade point average. for each course and a student taking an AP level class will receive a weight of 1.0 added to his/her final grade point average. For colleges or other agencies that require a non-weighted grade point average, the added weights will be deducted from the student's grade point average.
2. The following courses are currently considered weighted courses:

New Tech Academy

1.0 weight

Advanced Placement (AP) Studio Art Drawing
Advanced Placement (AP) English Literature & Composition
Advanced Placement (AP) English Language & Composition
Advanced Placement (AP) Calculus AB
Advanced Placement (AP) Calculus BC
Advanced Placement (AP) Chemistry
Advanced Placement (AP) Physics 1
Advanced Placement (AP) Physics 2
Advanced Placement (AP) United States History
CCP College Algebra
CCP Pre-Calculus
CCP Statistics

0.50 weight

Honors English 9
Honors English 10
Honors English 11
Honors English 12
Spanish IV
Spanish V
Chinese IV
Chinese V
Honors Geometry
Honors Algebra II
Honors Pre-Calculus
Calculus
Honors Biology
Honors Chemistry
Honors Physical Science
Honors American History
Honors World History
Honors Introduction to Art
Honors Music Extension

Academy of Global Studies

1.0 weight

Advanced Placement (AP) United States Government & Politics
Advanced Placement (AP) Human Geography
CCP College Algebra
CCP Pre-Calculus
CCP Statistics

0.50 weight

Honors World Studies
Honors American Studies
Honors English 9
Honors English 10
Honors English 11
Honors English 12
Honors Algebra I
Honors Geometry
Honors Algebra II
Honors Pre-Calculus
Honors Physical Science
Honors Biology
Honors Chemistry

Grade 9	Grade 10	Grade 11	Grade 12
Video Production I	Video Production I	Video Production I	Video Production I
Video Production II	Video Production II	Video Production II	Video Production II
PLTW1 - Introduction to Engineering Design	PLTW 1 - Introduction to Engineering Design	PLTW1 - Introduction to Engineering Design	PLTW1 - Introduction to Engineering Design
	PLTW2 - Principles of Engineering	PLTW2 - Principles of Engineering	PLTW2 - Principles of Engineering
		PLTW3 – Digital Electronics	PLTW3 – Digital Electronics
			PLTW4 – Civil Engineering and Architecture
Leadership	Leadership		
Financial Management	Financial Management		
Business Applications and Economics	Business Applications and Economics	Business Applications and Economics	Business Applications and Economics
	BA Marketing	BA Marketing	BA Marketing
		BA Finance	BA Finance
			BA Strategic Management
		Accounting	Accounting
Digital Literacy	Digital Literacy		
BUSINESS & TECHNOLOGY			
boldface: semester course			

BUSINESS & TECHNOLOGY PROGRAM PHILOSOPHY

In the twenty-first century, it is imperative that students develop an understanding of financial and business practices. The goal of the Business & Technology Program in the Winton Woods City Schools is to insure that students who participate in the program enter the worlds of work and higher education with a firm foundation in the skills and knowledge necessary to function in those environments. The program seeks to enable students to transfer fundamental academic skills to daily life and the work environment.

**ENROLLMENT WILL DETERMINE THE AVAILABILITY OF COURSES.
INSUFFICIENT NUMBERS MAY RESULT IN THE CANCELLATION OF COURSES**

DIGITAL LITERACY (893)

Grades: 9-10

Length: 1 semester

Credits: ½

Pre-requisites: None

Digital Literacy is a semester course designed to prepare students for 21st century learning. The goal of Digital Literacy is to teach and assess digital literacy and communication skills, so that students can correctly use language through digital communication to enhance their lives both inside and outside of school. Students with savvy digital literacy skills can develop new social and economic opportunities for themselves in the future. As students master digital tools, they will be asked to apply these tools in a project-based learning environment to investigate real-world issues and create meaningful and relevant products. Students will create a portfolio on weebly.com and will create/collect artifacts aligned with their mastery of each of the four International Studies Schools Network (ISSN) global competencies: *Investigate the World*; *Communicate Ideas*; *Recognize Perspectives*; and *Take Action*. In Digital Literacy, students use the following digital tools;

- Microsoft Word
- Microsoft Power Point
- Microsoft Excel
- Google Apps
- Windows Movie Maker
- Evernote
- Glogster
- Prezi
- Blogging, Forums, and Networking

This course is not open to students in the Academy of Global Studies.

VIDEO PRODUCTION I (870)

Grades: 9 – 12

Length: 1 semester

Credit: ½

Pre-requisites: None

Video Production I studies the development of media production from concept through the development of the storyboard. Students receive hands-on application of the classroom instruction through project-based teaching strategies. The class finishes with the students having to present a video production from conception of the initial idea through the editing of the final product.

VIDEO PRODUCTION II (891)

Grades: 9 – 12

Length: 1 semester

Credit: ½

Pre-requisites: Video Production I

Video Production II is a project-driven course based on skills learned in Video Production I.

PLTW1 - INTRODUCTION TO ENGINEERING DESIGN (735)

Grades: 9 – 12

Length: 1 year

Credit: 1

Pre-requisites: Algebra I credit

Introduction to Engineering Design is appropriate for students who are interested in industrial design or engineering. The course exposes students to design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation. Students will use state of the art 3D solid modeling design software package to help them design solutions to solve proposed problems.

PLTW2 - PRINCIPLES OF ENGINEERING (734)

Grades: 10-12

Length: 1 year

Credit: 1

Pre-requisites: Intro to Engineering Design

Principles of Engineering is a high school-level survey course of engineering. The course exposes students to some of the major concepts that they will encounter in a postsecondary engineering course of study. Students will develop skills through activity-, project-, and problem-based learning. While working in teams, students will continually hone their interpersonal skills, creative abilities, and problem solving skills based upon engineering concepts.

PLTW3 – DIGITAL ELECTRONICS (733)

Grades: 11-12

Length: 1 year

Credit: 1

Pre-requisites: Intro to Engineering Design; Principles of Engineering

Digital electronics is the study of electronic circuits that are used to process and control digital signals. Digital electronics is the foundation of all modern electronic devices such as cellular phones, MP3 players, laptop computers, digital cameras, high definition televisions, etc. Students will analyze, design and build digital electronic circuits.

PLTW4 – CIVIL ENGINEERING AND ARCHITECTURE (732)

Grades: 12

Length: 1 year

Credit: 1

Pre-requisites: Introduction to Engineering Design, Principles of Engineering, Digital Electronics

Civil Engineering and Architecture is the study of the design and construction of residential and commercial building projects. The course includes an introduction to many of the varied factors involved in building design and construction including building components and systems, structural design, storm water management, site design, utilities and services, cost estimation, energy efficiency, and careers in the design and construction industry.

FINANCIAL MANAGEMENT (607)

Grades: 9- 10

Length: 1 semester

Credit: ½

Pre-requisites: None

This project-based financial literacy course develops student understanding and skills in such areas as economic decision-making, time value of money, financial management, and types of investments. Students acquire an understanding and appreciation of the need for personal financial management and investing. To encourage immediate implementation of financial management skills, Wealth Management utilizes an on-going project for course delivery and reinforcement. The course content is sequenced for students to develop a full understanding of their role and responsibility in their financial future. Throughout the course, students are presented problem-solving situations for which they must apply academic and critical-thinking skills. This is a course in the High School of Business Program.

LEADERSHIP (606)

Grades: 9 - 10

Length: 1 semester

Credit: ½

Pre-requisites: None

Leadership, a project-based leadership course, develops student understanding and skills in such areas as communication skills, emotional intelligence, operations, and professional development. Students acquire an understanding and appreciation of the need for leadership skills. To encourage immediate implementation of leadership skills, Leadership utilizes an on-going service-learning project for course delivery and reinforcement. The course content is sequenced for students to identify, plan, implement, and evaluate a service-learning project based on the needs of their community/school. Throughout the course, students are presented problem-solving situations for which they must apply academic and critical-thinking skills. Formal reflection is an on-going component of the course. This is a course in the High School of Business Program.

BUSINESS APPLICATIONS AND ECONOMICS (609)

Grades: 9

Length: 1 year

Credit: 1

Pre-requisites: None

In Business Applications and Economics students expand their understanding that businesses are influenced by external factors that are often beyond their control. Consumer spending, government policies, economic conditions, legal issues, and global competition are addressed through practical, current applications to everyday societal and business life. Decision matrices are introduced, and the importance and costs of quality are stressed. Students develop their knowledge and skills in such areas as business law, economics, entrepreneurship, operations, financial analysis, human resources management, information management, marketing, operations, and professional development. Throughout the course, students will be presented with current economic problems for which they are asked to determine solutions, often through the application of decision matrices. Through the use of three projects, students acquire an understanding and appreciation of the business world. They develop a business analysis report, conduct an environmental scan of the local business community, and investigate business activities. Current technology will be used to acquire information and to complete the projects. Throughout the course, students are presented problem-solving situations for which they

must apply academic and critical-thinking skills. Formal reflection is an on-going component of the course. This is a course in the High School of Business Program.

BA MARKETING (604)

Grades: 10

Length: 1 year

Credit: 1 credit

Pre-requisites: Business Applications and Economics

Principles of marketing, a project-based business course, develops student understanding and skills in such areas as business law, economics, financial analysis, human resources management, information management, marketing, operations, and strategic management. Through the use of three projects, students acquire an understanding and appreciation of the business world. They develop a business analysis report, conduct an environmental scan of the local business community, and investigate business activities. Current technology will be used to acquire information and to complete the projects. Throughout the course, students are presented problem-solving situations for which they must apply academic and critical-thinking skills. Formal reflection is an ongoing component of the course.

BA FINANCE (603)

Grades: 11

Length: 1 year

Credit: 1

Pre-requisites: BA Marketing

Principles of Finance furthers student understanding of two specific business activities – accounting and finance – that were introduced in an earlier High School of Business course, Principles of Business. Through team activities and a semester-long corporate investment project, students make connections between accounting and finance. Students acquire an understanding of financial statements, calculate financial ratios, and make corporate financial management decisions based on their analysis of that financial data. In addition, students apply the concepts of operating and overhead costs, internal accounting controls, and budgets to their class business. Lastly, cost/benefit analysis is introduced as an element of financial planning and decision-making.

BA STRATEGIC MANAGEMENT (602)

Grades: 12

Length: 1 year

Credit: 1

Pre-requisites: BA Financing

BA Strategic Management furthers student understanding of management that was introduced in an earlier High School of Business course, Business Application and Management. Through individual and team activities and a semester-long project, students make connections between management and business success. Students acquire an understanding of legal and ethical issues associated with management; initiate, plan, implement and control, and close a project; motivate team members; delegate work; develop a chain of command; coordinate work efforts; and interpret statistical findings. The second half of the class serves as the capstone course for the High School of Business program. Students employ their decision matrices to finalize marketing, financial, and management plans developed previously, incorporating them into a business plan for a non-profit organization. The non-profit venture is actualized during the course, requiring students to engage in risk assessment, strategic planning, and performance assessment.

ACCOUNTING (630)

Grades: 11-12

Length: 1 year

Credit: 1

Pre-requisites: None

Accounting emphasizes the basic accounting principles, concepts, and procedures used to operate a business. Students are guided through the complete accounting cycle of a business organized as a sole proprietorship, a partnership and a corporation. A materials fee will be charged.

***Students who complete the High School of Business program have the opportunity to earn up to 6 credits from Bowling Green University.**

Grade 9	Grade 10	Grade 11	Grade 12
*Honors English 9	*Honors English 10	*Honors English 11	*Honors English 12
*CP English 9	*CP English 10	*CP English 11	*CP English 12
		* Advanced Placement English (AP) Language & Composition	*Advanced Placement English (AP) Language & Composition
		*Advanced Placement English (AP) Literature & Composition	*Advanced Placement English (AP) Literature & Composition

		ACT Prep	ACT Prep
ENGLISH			
* NCAA Clearinghouse Approved			
boldface: semester course			

ENGLISH PROGRAM PHILOSOPHY

The goal of the English Language Arts Program is to help students develop effective skills of communication as they become critical, logical, and creative thinkers. This purpose can best be accomplished in an integrated and functional framework that incorporates reading, written composition, listening, speaking, and viewing in a holistic approach. Our goal is to develop and adapt holistic instructional strategies that empower every student with effective communication and thinking skills. These goals are based on the following beliefs:

- Communication is enhanced through opportunities to study, understand, and apply listening skills.
- Communication can be enhanced through opportunities to study, understand, and apply speaking skills.
- Studying, understanding, and applying the viewing process will develop awareness of ideas transmitted through non-word images.
- Reading expands personal knowledge of the world and enhances personal satisfaction.
- Writing crystallizes thoughts and transfers ideas.

**ENROLLMENT WILL DETERMINE THE AVAILABILITY OF COURSES.
INSUFFICIENT NUMBERS MAY RESULT IN THE CANCELLATION OF COURSES**

CP ENGLISH 9 (112)

Grades: 9
 Length: 1 year
 Credit: 1
 Pre-requisites: None

CP English 9 involves the students in an integrated study of listening/ viewing, speaking, literature, and composition. Students study the basic elements of literature, short story, novel, poetry, and drama. The writing of persuasion, narration, and exposition enables students to improve their grammar usage, mechanics, and punctuation skills. Students will also keep a writing portfolio. There is an emphasis on studying vocabulary roots, prefixes, and suffixes, as well as literary terms.

HONORS ENGLISH 9 (111)

Grades: 9
 Length: 1 year
 Credit: 1 (0.5 weight)
 Pre-requisites: 8th Grade English Grade of A or B or Teacher Recommendation

Honors English 9 involves students in an integrated study of listening/ viewing, speaking, literature, and composition. Students study the basic elements of literature, short story, novel, poetry, and drama. The writing of persuasion, narration, and exposition enables students to improve their grammar usage, mechanics, and punctuation skills. Students will also keep a writing portfolio. There is an emphasis on studying vocabulary roots, prefixes and suffixes, as well as literary terms. Honors English 9 is fast-paced, and demands

an extensive study of all genres of literature, considerable writing activities, and vocabulary activities. Daily homework is required. **Students are expected to complete the summer reading assignment**, which is averaged as part of the 1st quarter grade.

CP ENGLISH 10 (122)

Grades: 10

Length: 1 year

Credit: 1

Pre-requisites: CP English 9

CP English 10 furthers students' proficiency with listening/viewing, speaking, literature, and composition skills. Tenth grade literature features poetry, drama, short stories, essays, and novels. Composition instruction emphasizes narration, exposition, and persuasion while enabling students to continue improving grammar usage, mechanics, and punctuation skills. Students will also keep a writing portfolio. There is continued emphasis on vocabulary roots and literary terms, writing, and speaking.

HONORS ENGLISH 10 (121)

Grades: 10

Length: 1 year

Credit: 1 (0.5 weight)

Pre-requisites: Honors English 9; Grade of A or B or Teacher Recommendation

Honors English 10 furthers students' proficiency with listening/viewing, speaking, literature, and composition skills. Tenth grade literature features poetry, drama, short stories, essays, and novels. Composition instruction emphasizes narration, exposition, and persuasion while enabling students to continue improving grammar usage, mechanics, and punctuation skills. Students will also keep a writing portfolio. There is continued emphasis on vocabulary roots and literary terms. Honors English 10 is fast-paced and demands an extensive study of all genres of literature, considerable writing activities, and vocabulary activities. Daily homework is required. **Students are expected to complete the summer reading assignment**, which is averaged as part of the 1st quarter grade.

CP ENGLISH 11 (132)

Grades: 11

Length: 1 year

Credit: 1

Pre-requisites: CP English 11

CP English 11 offers intensive work in listening/viewing, speaking, literature, and composition skills. Literature selections provide stimuli for writing assignments. Through poetry, drama, short stories, essays and novels, students enhance critical thinking and problem solving skills. Composition instruction emphasizes exposition, persuasion, and literary analysis. All their writing will be kept in a portfolio. To improve writing, students will continue to study and practice grammar and mechanics. There is continued emphasis on enhancement of vocabulary study through ACT/SAT words and literary terms.

HONORS ENGLISH 11 (131)

Grades: 11

Length: 1 year

Credit: 1 (0.5 weight)

Pre-requisites: Honors English 10; Grade of A or B or Teacher Recommendation

Honors English 11 offers intensive work in listening/viewing, speaking, literature, and composition skills. Literature selections provide stimuli for writing assignments. Through poetry, drama, short stories, essays and novels, students enhance critical thinking and problem solving skills. Composition instruction emphasizes exposition, narration, persuasion, and literary analysis. All their writing will be kept in a portfolio. To improve writing, students will continue to study and practice grammar and mechanics. There is continued emphasis on enhancement of vocabulary study through ACT/SAT words and literary terms. Honors English 11 is fast-paced, and demands an extensive study of all genres of literature, considerable writing activities, and vocabulary activities. Daily homework is required. **Students are expected to complete the summer reading assignment**, which is averaged as part of the 1st quarter grade.

CP ENGLISH 12 (142)

Grades: 12

Length: 1 year

Credit: 1

Pre-requisites: CP English 11

CP English 12 seeks to refine students' skills in listening/viewing, speaking, literature, and composition. Students explore society through novels, short stories, drama, poetry, and essays. Composition instruction focuses on exposition, narration, persuasion, and literary analysis. All writing will be kept in a portfolio. To improve writing, students will continue to study and practice grammar and mechanics. There is a continued emphasis on vocabulary study through ACT/SAT words and literary terms.

HONORS ENGLISH 12 (141)

Grades: 12

Length: 1 year

Credit: 1 (0.5 weight)

Pre-requisites: Honors English 11; Grade of A or B or Teacher Recommendation

Honors English 12 seeks to refine students' skills in listening/viewing, speaking, literature, and composition. Students explore society through novels, short stories, drama, poetry and essays. Composition instruction focuses on exposition, persuasion, and literary analysis. Honors English is fast-paced and demands an extensive study of all genres of literature, considerable writing activities, and vocabulary activities. Daily homework is required. All writing will be kept in a portfolio. To improve writing, students will continue to study and practice grammar and mechanics. There is a continued emphasis on vocabulary study through ACT/SAT, vocabulary words and literary terms. **Students are expected to complete the summer reading assignment**, which is averaged as part of the 1st quarter grade.

ADVANCED PLACEMENT ENGLISH (AP) LITERATURE AND COMPOSITION (163)

Grades: 11-12

Length: 1 year

Credit: 1 (1.0 weight)

Pre-requisites: A or B in Honors English and Teacher Recommendation

The Advanced Placement (AP) program involves the student in an intensive study of Western Literature, coupled with extensive writing assignments, so that students may develop an in-depth understanding and appreciation for their literary heritage. Students are expected to put forth a genuine commitment to scholarly effort and high academic standards. This course helps prepare students for the National Advanced Placement exam. All AP students are required to take the AP exam. (Students will assume the costs of the AP exam of approximately \$91).

ADVANCED PLACEMENT ENGLISH (AP) LANGUAGE AND COMPOSITION (153)

Grades: 11-12

Length: 1 year

Credit: 1 (1.0 weight)

Pre-requisites: A or B in Honors English and Teacher Recommendation

The Advanced Placement (AP) program involves the student in an intensive study of English language and composition and rhetoric, coupled with extensive writing assignments. This course primarily focuses on the study of nonfiction. Students are expected to put forth a genuine commitment to scholarly effort and high academic standards. The course is designed to prepare students for the national Advanced Placement Examination administered by the College Board in May. All AP students are required to take the AP exam. (Students will assume the costs of the AP exam of approximately \$90).

ACT Preparation (135)

Grades: 11-12

Length: 1 semester

Credit: ½

Pre-requisites: Must be registered for the ACT at the end of the course

Students will be introduced to the ACT testing process, with specific emphasis on the reading, language (grammar and vocabulary) and writing portions of the test while also touching on the math and science portions. This course covers the basics of test structure, scoring methods, practice strategies, personal preparation techniques, registration and scheduling for each test. Classroom activity centers on the preparation process, using a comprehensive practice schedule integrated with a personalized review process that will help reveal each student's particular skill sets and/or weaknesses in the areas of vocabulary, reading, and writing. The course presents a variety of tools, resources, proven test taking tips, and strategies (all of which should encourage the creation of a personal development and improvement plan designed to increase future test scores). The students will spend nine weeks of the class entrenched in ACT preparation. The other nine weeks of the course will be focused on a college and career readiness curriculum based in the Common Core. This portion of the course will help to prepare students for the rigor, diversity and independence that they will experience in college. The course will provide information on how the college process works. They will gain assistance on the application process, and in that capacity, work with in the Naviance program. Guest speakers and colleges will share information with the students about various post-secondary opportunities that exist for the students. The class will also provide the students with the various tools that students will need to be successful in college.

Grade 9	Grade 10	Grade 11	Grade 12
*Spanish I	*Spanish I	*Spanish I	*Spanish I
*Spanish II	*Spanish II	*Spanish II	*Spanish II
	*Spanish III	*Spanish III	*Spanish III
		*Spanish IV	*Spanish IV
			*Spanish V
		Spanish for Spanish Speakers	Spanish for Spanish Speakers II
*Chinese I	*Chinese I	*Chinese I	*Chinese I
*Chinese II	*Chinese II	*Chinese II	*Chinese II
	*Chinese III	*Chinese III	*Chinese III
		*Chinese IV	*Chinese IV
			*Chinese V
GLOBAL LANGUAGES			
*NCAA Clearinghouse Approved			
boldface: semester course			

GLOBAL LANGUAGES PROGRAM PHILOSOPHY

The study of any language provides the student with a new experience, progressively enlarging the student's horizon through the introduction to a new medium of communication and a new cultural pattern. Such study enhances the student's efforts in English and social studies by further orienting the student to society and the world, and by aiding the student in developing communication skills. The study of global languages is highly desirable in today's world. Be aware that global language classes are academic classes that require study and memorization as well as an understanding of the basic grammatical structures of our own language, English.

**ENROLLMENT WILL DETERMINE THE AVAILABILITY OF COURSES.
INSUFFICIENT NUMBERS MAY RESULT IN THE CANCELLATION OR COMBINATION OF COURSES.**

SPANISH I (511)

Grades: 9-12

Length: 1 year

Credit: 1

Pre-requisites: Grade of C in 8th grade or previous year in English

Spanish I introduces the student to foreign language study. The main goal is to enable the student to understand, speak, read and write Spanish on an introductory level. The student is introduced to Hispanic culture, geography and language structures in this increasingly important language. A materials fee will be charged.

SPANISH II (521)

Grades: 9-12

Length: 1 year

Credit: 1

Pre-requisites: Recommended Grade of C in Spanish I

Spanish II begins with a review of the fundamentals of Spanish studied and then concentrates on the further development of the language skills. Emphasis will be on practical and situational vocabulary and accurate pronunciation. A materials fee will be charged.

SPANISH III (531)

Grades: 10-12

Length: 1 year

Credit: 1

Pre-requisites: Spanish II and Recommended Grade of C in Spanish II

Spanish III continues the study of the fundamentals of Spanish on an advanced level, with an emphasis on speaking, listening, vocabulary acquisition and advanced grammatical structures. Students will continue to learn about Spanish-speaking people, their culture and customs. A materials fee will be charged.

SPANISH IV (541)

Grades: 11-12

Length: 1 year

Credit: 1 credit (0.5 weight)

Pre-requisites: Spanish III and Recommended Grade of C in Spanish III.

Spanish IV provides for the advanced study of the language through grammar, vocabulary, composition and conversational work. Students will participate in advanced conversational situations and complete presentations and projects on a variety of topics in Spanish. Students will also be introduced to more advanced literature from Spain and Central America and write essays about literature. Students will continue to learn culture through the study of Hispanic countries and literature. Students will also continue studying Hispanic history and important people in the Hispanic culture. A materials fee will be charged.

SPANISH V (551)

Grades: 12

Length: 1 year

Credit: 1 (0.5 weight)

Pre-requisites: Spanish IV and Recommended Grade of C in Spanish IV

Spanish V is for the truly advanced language student. It provides students a survey of classes students could take in a university setting, including advanced Grammar, Conversational Spanish, Literature, History (Spanish; pre-Colombian in Central/South America), Linguistics, and Writing (argumentative essay; children's literature). Students continue their study of the language through grammar, vocabulary, composition and conversational work. Students will delve deeper into the culture of Hispanic countries. A materials fee will be charged.

SPANISH FOR SPANISH SPEAKERS (510)

Grades: 9–12

Length: 1 year

Credit: 1

Pre-requisites: Native Speaker with an Advanced High Level According to the ACTFL guidelines. Will demonstrate the ability to speak with linguistic ease, confidence and competence.

Spanish for Spanish Speakers is a yearlong course that will provide native speakers an introductory level focus on advanced linguistics with a concentration in the literature and culture of the various Spanish speaking countries. The course is conducted in Spanish. It is an in-depth study of the grammatical structures of the language and the cultural variety in the Hispanic world, including the variation in Latin American and Castilian Spanish. Students taking this course will increase their written communication skills and reading proficiency. They will also understand the cultural variations of the many different Spanish speaking countries. A diagnostic assessment will be used to determine a student's most suitable placement in level I or level II of the course.

SPANISH FOR SPANISH SPEAKERS II (512)

Grades: 9–12

Length: 1 year

Credit: 1

Pre-requisites: Spanish for Spanish Speakers I

Spanish for Spanish Speakers II is a yearlong course that will provide native speakers an advanced level focus on advanced linguistics with a concentration in the literature and culture of the various Spanish speaking countries. The course is conducted in Spanish. It is an in-depth study of the grammatical structures of the language and the cultural variety in the Hispanic world, including the variations in Latin American and Castilian Spanish. Students of this course will increase their written communication skills and reading proficiency. They will also understand the cultural variations of the many different Spanish speaking countries. A diagnostic assessment will be used to determine a student's most suitable placement in level I or level II of the course.

CHINESE I (505)

Grades: 9-12

Length: 1 year

Credit: 1

Pre-requisites: Grade of C in 8th grade or previous year in English

Chinese I introduces the student to the study of the Chinese language. Students will learn to speak, read and write on a basic level in this increasingly important world language. Students will begin to investigate the people culture and history of China.

CHINESE II (506)

Grades: 9-12

Length: 1 year

Credit: 1

Pre-requisites: Grade of C recommended in Chinese I

Chinese II begins with a review of the fundamentals of the Chinese studied and then concentrates on further development of the language skills: speaking, writing, reading and listening. The emphasis in this course will be on practical and situational vocabulary. Students will continue their study of the culture of China.

CHINESE III (507)

Grades: 10-12

Length: 1 year

Credit: 1

Pre-requisites: Grade of C recommended in Chinese I

Chinese III continues where Chinese II ends. Students will develop and refine their Chinese speaking, writing, reading, and listening skills. Cultural study of China will also continue.

CHINESE IV (508)

Grades: 11-12

Length: 1 year

Credit: 1 (0.5 weight)

Pre-requisites: Grade of C recommended in Chinese III

Chinese IV begins with a review of the fundamentals of the Chinese studied and then concentrates on further development of the language skills: speaking, writing, reading and listening. Students will be introduced to Asian literature through the study of poetry and short plays. They will also continue conversational skills through daily dialogues, presentations and skits. Students will also learn more complex grammar structures. The emphasis in this course will be on practical and situational vocabulary. Students will continue their study of the culture and history of China. Students will also have the opportunity to participate in the Miami University singing competition each year.

CHINESE V (509)

Grades: 12

Length: 1 year

Credit: 1 (0.5 weight)

Pre-requisites: Grade of C recommended in Chinese IV

Chinese V is for the truly advanced language student. It provides continued study of the language through grammar, vocabulary, composition and conversational work. Students will delve deeper into Chinese culture through the study of literature including poetry and plays. Students will also read classic articles and learn in-depth history and culture as well as geography. Students

will continue speaking practice through conversations, dialogues and presenting plays. Students will also have the opportunity to participate in the Miami University singing competition each year.

Grade 9	Grade 10	Grade 11	Grade 12
Physical Education I	Lifetime Sports	Lifetime Sports	Lifetime Sports
	Strength Training & Conditioning	Strength Training & Conditioning	Strength Training & Conditioning
Aerobics	Aerobics	Aerobics	Aerobics
Basketball I	Basketball I	Basketball I	Basketball I
Volleyball	Volleyball	Volleyball	Volleyball
	Health		
HEALTH & PHYSICAL EDUCATION			
boldface: semester course			
NOTE: all physical education courses are 1/4 credit			

HEALTH & PHYSICAL EDUCATION PROGRAM PHILOSOPHY

Physical education provides an ongoing developmental program of physical activities for the differing physical, mental, emotional, and social needs of each student. Movement is both pleasurable and necessary to daily living. The physical education program focuses on the multitude of simple and complex body motions, which relate to movement, recreation, and athletic activities. Development of interest and skill in these areas is both necessary and desirable for maintaining a healthy and well-balanced life style. This program shall be provided without discrimination on the basis of color, national origin, race, or sex.

Each disabled child is afforded the opportunity to participate in the regular physical education program. Some modifications will usually allow for successful participation in the regular program. Adapted physical education will be offered when the child's needs cannot be met in the regular physical education class with typical functioning children.

Students participating in physical education at the high school level will be required to change from clothes worn to school into other non-restrictive clothes and athletic shoes. A materials fee will be charged at the ninth grade level.

Physical Education and Health are graduation requirements. Students need a required ½ credit (two PE courses). Physical Education I is the foundation course for all other PE courses.

HEALTH (920)

Grades: 10

Length: 1 semester

Credit: ½

Pre-requisites: None

In Health, each aspect of wellness is covered including physical, mental and social health. Students are encouraged to understand their personal health with regard to personal habits, family history and the decision making process. The class further

explores the influence of friends, family and society's influence on health. Topics include: risk factors, mental health, fitness, nutrition, first aid, human development and personal responsibility.

PHYSICAL EDUCATION I (921)

Grades: 9

Length: 1 semester

Credit: ¼

Pre-requisites: None

Physical Education I is the foundation PE course. PE I provides the student opportunities to develop skills and attitudes which will promote optimum physical well-being, as well as, skills for lifelong recreational activities.

BASKETBALL I (928)

Grades: 9-12

Length: 1 semester

Credit: ¼

Pre-requisites: Physical Education I

Geared for boys and girls who enjoy team sports and demanding physical exertion and who would like to extend their skills and knowledge in the game of basketball. The first part of the course is geared to the fundamentals of dribbling, passing, shooting, positions, rebounding, and interacting within the team. The second portion of the class is geared toward game situations. This course meets part of the PE graduation requirement.

VOLLEYBALL (930)

Grades: 9-12

Length: 1 semester

Credit: ¼

Pre-requisites: Physical Education I

The beginner volleyball student learns the fundamentals of volleyball such as the pass, set, serve, and positions while learning to coordinate skills with teammates to develop an efficient team. The class will also put skills to use while students compete in volleyball game situations. This course meets part of the PE graduation requirement.

STRENGTH TRAINING and CONDITIONING (941)

Grades: 10-12

Length: 1 semester

Credit: ¼

Pre-requisites: Physical Education I

Strength Training and Conditioning is designed for the student who has a committed interest in physical fitness. This class develops advanced weight training skills. This class is an advanced physical education class. This course meets part of the PE graduation requirements.

LIFETIME SPORTS (926)

Grades: 10-12

Length: 1 semester

Credit: 1/4

Pre-requisites: Must have Health and Physical Education requirements met

This course is designed to give students an in-depth understanding of the importance of an active lifestyle. It is geared towards teaching students activities they can participate in throughout their lives. This class is focused on personal fitness and may also include golf, tennis, archery, cardiovascular fitness, hiking, badminton, and bowling. Additionally, the course is designed to enhance a student's foundation for personal fitness. It focuses on aerobic conditioning, muscular endurance, muscular strength, body composition and flexibility. Students will explore these areas in the gym, lab, and classroom. This course meets part of the PE graduation requirement.

Grade 9	Grade 10	Grade 11	Grade 12
*CP Algebra I			
*CP Algebra II	*CP Algebra II	*CP Algebra II	*CP Algebra II
*Honors Geometry	*Honors Algebra II	*CP Calculus	*CP Calculus
*Honors Algebra II	*Honors Pre-Calculus	*Honors Pre-Calculus	*Honors Pre-Calculus
Math Lab	*CP Geometry	*AP Calculus AB	*AP Calculus AB
*CP Geometry		*Honors Algebra II	*AP Calculus BC
		Modeling with Mathematics	Modeling with Mathematics
	*CP Pre-Calculus	*CP Pre-Calculus	*CP Pre-Calculus
		*Statistics	*Statistics
		*CP Trigonometry and Non Linear Functions	*CP Trigonometry and Non Linear Functions
	*CCP College Algebra	*CCP College Algebra	*CCP College Algebra
	*CCP Pre-Calculus	*CCP Pre-Calculus	*CCP Pre-Calculus
	*CCP Statistics	*CCP Statistics	*CCP Statistics
Mathematics			
*NCAA Clearinghouse Approved			
boldface: semester course			

MATHEMATICS PROGRAM PHILOSOPHY

The mathematics program for grades K-12 is designed to develop informed, thinking citizens, capable of making decisions and arriving at logical solutions. With its emphasis on building a sound conceptual background the program will facilitate the development of each student's full ability to communicate mathematically, reason, and solve problems. The program is based on the belief that success in mathematics is a shared responsibility of the student, parents, and the school system. The widespread use of calculators and computers outside the classroom is recognized and the program will utilize their power and convenience where appropriate. This program is also based on the belief that the importance of mathematics and the ability to learn mathematics is independent of a student's sex, ethnic origin, and socio-economic status.

**ENROLLMENT WILL DETERMINE THE AVAILABILITY OF COURSES.
INSUFFICIENT NUMBERS MAY RESULT IN THE CANCELLATION OF COURSES.**

MATH LAB

Grades: 9

Length: 1 year

Credit: 1

Pre-requisite: None

This course focuses on improving the understanding of Algebra 1 concepts as well as strengthening arithmetic skills. The main concepts taught will include variable expressions, solving equations and inequalities, graphing lines, writing equations of lines, and solving systems of equations. The arithmetic skills will include operations with integers (positive and negative), understanding fractions, equivalent fractions, operations with fractions, understanding decimals, operations with decimals, order of operations, and operations with percents. **Administrative placement only.**

MODELING WITH MATHEMATICS (2103)

Grades: 11-12

Length: 1 year

Credit: 1

Pre-requisites: Algebra I, Geometry

Modeling with Mathematics utilizes modeling and real world applications to essential Algebra and Geometry concepts while helping prepare students for success in Algebra II. Intended for students who have taken Algebra I and Geometry but who are not yet ready for Algebra II, this program helps solidify their understanding by providing a different kind of learning experience. With modeling with mathematics students model real-world applications with a functions approach netting a deeper grasp of the important concepts necessary for success in Algebra II. **Needs a Teacher Recommendation.**

CP ALGEBRA I (212)

Grades: 9

Length: 1 year

Credit: 1
Pre-requisites: None

CP Algebra I introduces the student to abstract thinking. The course includes in-depth study of the properties of real numbers, and the solving and graphing of linear sentences. Included is a study of quadratic equations, factoring, and the quadratic formula. Algebra I is the foundation for the higher mathematics courses. Scientific calculators are used, as determined by the District.

CP GEOMETRY (222)

Grades: 9-10
Length: 1 year
Credit: 1
Pre-requisites: CP Algebra I

CP Geometry is the study of the relationships of lines, planes, triangles, and other geometric figures, in both two dimensions and three dimensions, as an idealized model of our physical environment. The properties of these figures are developed by experimentations and intuition. These properties are then proved by logical deduction. Scientific calculators are used. Students must have the approved calculator as determined by the District.

HONORS GEOMETRY (223)

Grades: 9
Length: 1 year
Credit: 1 (0.5 weight)
Pre-requisites: Grade of A or B grade in CP Algebra I, Teacher Recommendation

Honors Geometry is the study of the relationships of lines, planes, triangles, and other geometric figures, in both two dimensions and three dimensions, as an idealized model of our physical environment. The properties of these figures are developed by experimentations and intuition. These properties are then proved by logical deduction. Scientific calculators are used. Students must have the approved calculator as determined by the District. Honors Geometry is a fast-paced course designed for students wishing to take Calculus their senior year.

CP ALGEBRA II (232)

Grades: 9-12
Length: 1 year
Credit: 1
Pre-requisites: Honors Geometry or Geometry

CP Algebra II is an extension of the concepts introduced in Algebra I. Emphasis is on the structure of mathematics combined with systematic instruction in the techniques of algebra as a reflection of its structure. Its chief aims are to clarify, simplify and unify concepts in mathematics that deepen understanding. Graphing calculators are used.

HONORS ALGEBRA II (221)

Grades: 9-11
Length: 1 year
Credit: 1 (0.5 weight)
Pre-requisites: Grade of A or B in Honors Geometry

Honors Algebra II is similar to CP Algebra II, but progresses at a more rapid pace and in greater depth to accommodate the advanced mathematics student. Graphing calculators are used.

CCP College Algebra

Grades: 10-12

Length: 1 year

Credit: 1 (1.0 weight) and 3 semester hours of college credit

Pre-requisites: An "A" or "B" in Algebra II, Teacher Recommendation, and ONE of the following:

- 22 Math ACT
- 520 SAT
- 52 PSAT
- 60 Accuplacer

*A student may still take the course if the test score is met but the grade in Algebra II is not.

A course on concepts and applications of algebra. Topics include: representing linear, exponential, logarithmic, power, polynomial, and rational functions numerically, graphically, and algebraically. Students will receive high school as well as college credit for this course if a C or higher is received.

CP PRE-CALCULUS (230)

Grades: 10 - 12

Length: 1 year

Credit: 1

Pre-requisites: Algebra II or Honors Algebra II, Teacher Recommendation

Pre-Calculus includes the study of polynomial, rational, radical, logarithmic, and exponential, advanced algebra, and trigonometry. This college preparatory course is offered to those students who have passed Algebra II or Honors Algebra II. Graphing calculators are required: TI-83+, TI-84 or other appropriate graphing calculator (at student's expense)

HONORS PRE-CALCULUS (231)

Grades: 10-12

Length: 1 year

Credit: 1 (0.5 weight)

Pre-requisites: Grade of A in Algebra II, or Grade of A or B in Honors Algebra II

Honors Pre-Calculus includes the study of polynomial, rational, radical, logarithmic, and exponential functions, advanced algebra, complex numbers, vectors, and polar and parametric equations. This advanced course is offered to those superior students in Honors Algebra II or Algebra II. Graphing calculators are required: TI-83+, TI-84 or other appropriate graphing calculator (at student's expense).

CCP Pre-Calculus

Grades: 10-12

Length: 1 year

Credit: 2 (1.0 weight) and 6 semester hours of college credit

Pre-requisites: An "A" or "B" in Algebra II, Teacher Recommendation, and ONE of the following:

- 22 Math ACT
- 520 SAT
- 52 PSAT
- 60 Accuplacer

**A student may still take the course if the test score is met but the grade in Algebra II is not.*

A course which covers both College Algebra and Trigonometry. The first portion of the course is a course on concepts and applications of algebra. Topics include: representing linear, exponential, logarithmic, power, polynomial, and rational functions numerically, graphically, and algebraically. The second portion of this course is based on applications of trigonometry. Topics include: right triangle and unit circle definitions of the trigonometric functions, trigonometric identities, vectors, and complex numbers. Students will receive high school as well as college credit for this course if a C or higher is received.

STATISTICS (242)

Grades: 11-12

Length: 1 year

Credit: 1

Pre-requisites: Algebra II

All students who intend to pursue mathematics, business, social science, or science fields of study in college will find the course beneficial for their futures. The topics will include: probability; data presentation and collection; measures of dispersion; central tendencies; the binomial and normal distributions; and regression models.

CCP Statistics

Grades: 10-12

Length: 1 year

Credit: 1 (1.0 weight) and 3 semester hours of college credit

Pre-requisites: An "A" or "B" in Algebra II, Teacher Recommendation, and ONE of the following:

- 22 Math ACT
- 520 SAT
- 52 PSAT
- 60 Accuplacer

**A student may still take the course if the test score is met but the grade in Algebra II is not.*

An introduction to descriptive and inferential statistics. Topics include: the purpose of statistics, univariate and bivariate descriptive statistics, probability, normality and sampling distributions, confidence intervals and one-sample hypothesis testing. Students will receive high school as well as college credit for this course if a C or higher is received.

CP TRIGONOMETRY AND NON LINEAR FUNCTIONS (243)

Grades: 11-12
Length: 1 year
Credit: 1
Pre-requisites: Algebra II

Trigonometry and Non-Linear Functions is a college-preparatory course for students who want to continue their studies in mathematics beyond Algebra II with the possibility of taking Calculus in the future. The course is taught from a functions perspective using analytic, numeric, and graphical approaches with practical applications and the use of technology.

CP CALCULUS (240)

Grades: 11-12
Length: 1 year
Credit: 1 (0.5 weight)
Pre-requisites: Honors Pre-Calculus, Teacher Recommendation

Calculus, the culmination of the advanced math program, is the study of functions and their relationship to rates of change and motion. The concept of limit is used throughout the course to motivate definitions and formulas and to make plausible the central notions of integration and differentiation. Major emphasis is on analytically, numerically, and graphically developing skills of integration and differentiation and solving problems related to integration and differentiation. Graphing calculators are required: TI-83+, TI-84 or other appropriate graphing calculator (at student's expense).

AP CALCULUS AB (241)

Grades: 11-12
Length: 1 year
Credit: 1 (1.0 weight)
Pre-requisites: A or B in Pre-Calculus, Teacher Recommendation

AP Calculus AB is similar to Calculus, with the addition of a requirement to take the Calculus AB Advanced Placement (AP) Examination. Instruction and pacing will be dictated solely by the AP Exam. All students enrolled in Advanced Placement classes understand that the purpose of the course is to prepare them for passing the Advanced Placement test. All students enrolled in AP Calculus AB must take the AP Calculus AB examination in May (at student-paid expense of approximately \$91).

AP CALCULUS BC (238)

Grades: 12
Length: 1 year
Credit: 1 (1.0 weight)
Pre-requisites: A or B in AP Calculus AB

AP Calculus BC is a continuation of AP Calculus AB. Like AP Calculus AB, students take the Calculus BC Advanced Placement (AP) Examination. Instruction and pacing will be dictated solely by the AP Exam. All students enrolled in Advanced Placement classes understand that the purpose of the course is to prepare them for passing the Advanced Placement test. All students enrolled in AP Calculus BC must take the AP Calculus BC examination in May (at student-paid expense of approximately \$91).

Grade 9	Grade 10	Grade 11	Grade 12
Band	Band	Band	Band
Orchestra	Orchestra	Orchestra	Orchestra
Color Guard	Color Guard	Color Guard	Color Guard
Men's Chorus	Men's Chorus	Men's Chorus	Men's Chorus
Women's Chorale	Women's Chorale	Women's Chorale	Women's Chorale
	Concert Choir	Concert Choir	Concert Choir
	Choraleers	Choraleers	Choraleers
	Varsity Ensemble	Varsity Ensemble	Varsity Ensemble
	Foundations of Music Theory & Composition	Foundations of Music Theory & Composition	Foundations of Music Theory & Composition
PERFORMING ARTS			
boldface: semester course			

PERFORMING ARTS PROGRAM PHILOSOPHY

The Performing Arts Department is organized to ensure that students experience, understand and value the performing arts in everyday life as contributing citizens of a diverse society. While the bands and choirs do provide a service to the school and community through performance, these performances are an out-growth of the classroom activities and are not the primary purpose of their existence.

**ENROLLMENT WILL DETERMINE THE AVAILABILITY OF COURSES.
INSUFFICIENT NUMBERS MAY RESULT IN THE CANCELLATION OF COURSES.**

MEN'S CHORUS (814)

Grades: 9-12

Length: 1 year

Credit: 1

Pre-requisites: *Previous enrollment in a choir class or Director Approval*

Men's Chorus will help develop vocal competence and individual musicianship in male students. Vocal skill will be developed through ensemble and choral experiences, studying music unique to men's ensembles. Men's Chorus will perform in concerts throughout the year and requires attendance at out-of-school rehearsals and performances when so scheduled. A wardrobe fee will be charged.

WOMEN'S CHORALE (825)

Grades: 9-12

Length: 1 year

Credit: 1

Pre-requisites: *Previous enrollment in a choir class or Director Approval*

Women's Chorale will help develop vocal competence and individual musicianship in female students. Vocal skill will be developed through ensemble and choral experiences, studying music unique to treble voices. Women's Chorale will perform in concerts throughout the year and required attendance at out-of-school rehearsals and performances when so scheduled. A wardrobe fee will be charged.

CONCERT CHOIR (826)

Grades: 10-12

Length: 1 year

Credit: 1

Pre-requisites: *Director Approval by Audition*

Concert Choir studies choral literature from all periods of history. It performs in concerts during the year and participates in competitive events. Membership requires attendance at out-of-school rehearsals and performances when so scheduled. A wardrobe fee will be charged.

CHORALEERS

Grades: 10-12

Length: 1 year

Credit: 1

Pre-requisites: *Director Approval by Audition*

Choraleers studies choral literature which is unique to an advanced women's chorus. Incorporation of some choreography is combined with advanced musical skills. They will perform at concerts, contests, civic functions and community events. Membership requires attendance at out-of-school rehearsals and performances when so scheduled. A wardrobe fee will be charged.

VARSITY ENSEMBLE (850)

Grades: 10-12

Length: 1 year
Credit: 1
Pre-requisites: Director Approval by Audition

Varsity Ensemble studies choral literature which is unique to a highly advanced chorus. Incorporation of some choreography is combined with advanced musical skills. They will perform at concerts, civic functions and community events. Membership requires attendance at out-of-school rehearsals and performances when so scheduled. A wardrobe fee will be charged.

BAND (822)

Grades: 9-12
Length: 1 year
Credit: 1
Pre-requisites: Director Approval; Experience with a Musical Instrument

Band performs the best of concert literature for wind bands from all periods of history. It prepares and presents concerts throughout the year and also participates in competitive events. This band will function as a Marching Band during the first ten weeks. The Marching Band performs at all home and some away football games during the football season. Membership requires attendance at all out-of-school rehearsals and performances when so scheduled, including participation in summer band camp for two weeks. Inability to attend these training camps could delay participation in the marching band, and may result in not being enrolled in band at all. A band camp fee, uniform fees, and a pay-to-play fee will be charged for this program.

ORCHESTRA (824)

Grades: 9-12
Length: 1 year
Credit: 1
Pre-requisites: Director Approval; Experience with a Musical Instrument

Orchestra further develops skills of string instrumentalists. It performs the best of concert literature, studying examples from all periods of history throughout the year and participates in competitive events. Wind and percussion players are selected from Band by audition. This organization serves as the pit orchestra for musicals. Membership requires attendance at all out-of-school rehearsals and performances. A wardrobe fee will be charged. Materials fee applies to specific instruments.

FOUNDATIONS OF MUSIC THEORY & COMPOSITION (835)

Grades: 10-12
Length: 1 semester
Credit: ½
Pre-requisites: Previous Enrollment in a High School Level Music Ensemble or Teacher Approval

Foundations of Music Theory & Composition introduces students to the fundamentals, or foundations, of music theory and composition. Study in this area is extremely helpful preparation for students considering collegiate majors and professional careers in music related fields. Key topics include the study of clefs, scales and modes, key signatures, intervals, chord structure, musical form and basic harmonic concepts. In conjunction with music theory, students learn aural skills (also known as applied theory) on which they apply their knowledge of theory into sight singing, hearing and dictation. Students also learn to use music technology as an aid to their creative writing and have opportunities to create original compositions while also studying the compositions of major composers in a variety of musical styles and eras.

COLOR GUARD (866)

Grades: 9-12

Length: 1 semester

Credit: ½

Pre-requisites: Audition

Color Guard is a part of the marching band during the first ten weeks of the first semester. The Color Guard performs at all home football games, most away football games during the football season, and some parades. Membership requires attendance at all performances when scheduled, including one week of summer band camp. After marching band season, those students in band will return to their specific concert band. Those not in band will study Modern Dance, with an emphasis on body mechanics, physical conditioning, choreography, and the historical development of Modern Dance and other dance forms, such as ballet, jazz, etc. A band camp fee, uniform fee, and pay-to-play fee will be charged for this program.

HONORS MUSIC EXTENSION

Grades: 9-12

Length: 1 year

Credit: Will give and honors credit to the existing music credit

Pre-requisites: Approval of director of music program

An optional program that engages current music students in advance studies that are designed to challenge accomplished performers, reinforce college-readiness skills, explore musical career options, and encourage community engagement beyond the scope of the regular music curriculum. The extension is available to students in 10th -12th grades, with director approval, who have demonstrated accomplishment in the standard music curriculum. Requirements include a Musical Growth Plan, eight major projects, and a performance jury. Students who successfully complete the Honors Music Extension are rewarded with a one-time weighted music credit per discipline (band/choir/orchestra).

Grade 9	Grade 10	Grade 11	Grade 12
*CP Physical Science	*CP Biology		
*Honors Physical Science	*Honors Biology		
		*CP Chemistry	*CP Chemistry
	*Honors Chemistry	*Honors Chemistry	*Honors Chemistry
	PCAP	*CP Physics (PCAP)	*CP Physics (PCAP)
		*Anatomy & Physiology	*Anatomy & Physiology
		*Environmental Science	*Environmental Science
		*Earth Science/ Geology	*Earth Science/ Geology
		*Forensic Science/ Exercise Physiology	*Forensic Science/ Exercise Physiology
		*AP Chemistry	*AP Chemistry
		*AP Physics 1	*AP Physics 1
		AP Physics 2	AP Physics 2
SCIENCE			
*NCAA Clearinghouse Approved			
boldface: semester course			

SCIENCE PROGRAM PHILOSOPHY

The scientific and technological revolution has produced an explosion of knowledge that has stimulated a rapidly changing society. Society, in turn, demands an education designed to meet the challenge of change. How humanity interacts with, controls, and preserves our natural world is increasingly important. Citizens need to understand the conceptual processes and investigational procedures of science to make responsible political and social decisions. An awareness of the existence and importance of science working in their lives, and knowledge of scientific principles and methods prepares students for adult responsibility in a technological society.

All students are required to select a program which includes one course in biological science, one course in physical science, and one additional science. However, it is recommended all students complete four years of science. There are many appropriate options and sequences for the student who has special interest or career plans related to science.

**ENROLLMENT WILL DETERMINE THE AVAILABILITY OF COURSES.
INSUFFICIENT NUMBERS MAY RESULT IN THE CANCELLATION OF COURSES.**

College Program	9 th grade	10 th Grade	11 th Grade	12 th Grade
Non-Science Careers	Physical Science*	Biology*	Chemistry* Environmental Science	Physics
Health Science Careers	Physical Science*	Biology*	Chemistry* Anatomy and Physiology	Physics AP Chemistry
Environmental Science Careers	Physical Science*	Biology*	Chemistry* Environmental Science	Physics Earth Science/Geology
Science and Engineering Careers	Physical Science* (PSAP)	Biology* Chemistry*	AP Chemistry AP Physics 1 (PCAP)	AP Physics 2

CP PHYSICAL SCIENCE (316)

Grades: 9
 Length: 1 year
 Credit: 1
 Pre-requisites: None

CP Physical Science will examine the laws of nature as they apply to earth and space. Physical concepts will include: nature of matter and energy, identifiable physical properties of substances, and the forces that act on and within objects. This course will cover motions, structures, and properties of atoms. Earth and space topics will include processes that move and shape the earth: interactions of the solar system, gravitational forces and weather.

HONORS PHYSICAL SCIENCE (326)

Grades: 9
 Length: 1 year
 Credit: 1 (0.5 weight)
 Pre-requisites: Honors Geometry or Algebra II concurrently and Teacher Approval

Honors Physical Science will explore the same principles as CP Physical Science with greater depth and at an accelerated pace. Students will examine the laws of nature as they apply to earth and space with emphasis on reading of technical materials, performing experiments, and doing research.

CP BIOLOGY (311)

Grades: 10

Length: 1 year
Credit: 1
Pre-requisites: CP or Honors Physical Science

CP Biology is a fast-paced college preparatory class taken primarily at the tenth-grade level. This course examines life and emphasizes the study of cellular structure and function, reproduction, metabolism, homeostasis, heredity, evolution, and interdependence. Students will apply major biological and scientific concepts to laboratory experiences where data and analyses will be recorded in standard scientific format. This course is aligned with the Ohio Graduation Test tenth-grade standards. This course must be passed before taking any science electives.

HONORS BIOLOGY (332)

Grades: 10
Length: 1 year
Credit: 1 (0.5 weight)
Pre-requisites: Grade of A or B in Honors Physical Science

Honors Biology will explore the same biological concepts as Biology I. However, Honors Biology will proceed at an accelerated pace and will include more readings from technical resources, as well as more laboratory and independent research. Honors Biology students must be able to apply scientific learning to real-life situations.

CP CHEMISTRY (322)

Grades: 11-12 (grade 10 limited)
Length: 1 year
Credit: 1
Pre-requisites: Algebra I (earning a C or above recommended) and CP or Honors Physical Science & Biology (concurrent)

Chemistry I develops the basic concepts of the composition and structure of matter. Students will investigate the chemical and physical changes in matter with heat and the reactions that can occur when substances interact. These concepts develop as a result of many laboratory-based investigations concerning the properties of matter. The course emphasizes the many experimental, thinking, and problem-solving skills utilized in science. A good foundation of algebra skills will be reviewed, developed, and applied to chemical calculations. Students will be required to have a scientific calculator, three-ring binder, and 2 composition notebooks.

HONORS CHEMISTRY (331)

Grades: 10-12
Length: 1 year
Credit: 1 (0.5 weight)
Pre-requisites: Algebra I (earning an A/B grade recommended), Geometry, Algebra II

Honors Chemistry will explore the same chemical principles as CP Chemistry. Honors Chemistry will proceed at an accelerated pace and will include more readings from technical resources, as well as more laboratory and independent research. Honors Chemistry will address the needs of college bound students interested in science, engineering, and health care careers. Student will be required to have a scientific calculator, 3-ring binder, and 2 composition notebooks (one quadrille ruled).

AP CHEMISTRY

Grades: 11-12
Length: 1 year
Credit: 1 (1 weight)

Pre-requisites: Grade of A or B in CP or Honors Chemistry I, Algebra I, and Algebra II

AP Chemistry is an advanced course that addresses the fundamental chemical theories and mathematical relationships that apply to these theories. This course is comparable to a college level general chemistry course in both scope and rigor. Laboratory experiences include qualitative analysis and other activities that require sophisticated reasoning and refined techniques. Students enrolled in this course will prepare to take the AP Chemistry examination in May (at student expense of approximately \$91).

CP PHYSICS (341)

Grades: 11-12
Length: 1 year
Credit: 1

Pre-requisites: Physical Science, Biology, Algebra II (may be concurrent)

Physics is the study of the relationship of matter and energy on a larger scale as compared to chemistry. The topics covered will be in the areas of kinematics, mechanics, electricity and magnetism, optics, and acoustics. Laboratory investigations are used to investigate physical relationships. Problem solving techniques are stressed. Students are required to have a scientific calculator.

AP PHYSICS 1 (348)

Grades: 11-12
Length: 1 year
Credit: 1 (1.0 weight)

Pre-requisites: Physical Science, Algebra 2(Trigonometry)

AP Physics I : Algebra and Trigonometry-Based is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits. The course is fast-paced, and nightly work and study is expected. All AP Physics I student must take the AP Physics I Exam in May (at student paid expense of approximately \$91).

AP PHYSICS 2 (349)

Grades: 11-12
Length: 1 year
Credit: 1 (1.0 weight)

Pre-requisites: Physical Science, Algebra 2(Trigonometry) and AP Physics I

AP Physics 2: Algebra and Trigonometry-Based is the equivalent to a second-semester college course in algebra-based physics. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; and atomic and nuclear physics. The course is fast-paced, and nightly work and study is expected. All AP Physics II students must take the AP Physics II Exam in May (at student paid expense of approximately \$91).

ANATOMY AND PHYSIOLOGY (344)

Grades: 11-12

Length: 1 year

Credit: 1

Pre-requisites: Biology

Anatomy and Physiology is an advanced elective science course. Throughout the year we will study the history of medicine and the diagnostic process, as well as the form and function of the human body with emphasis on health and disease. We will complete the year with the dissection of a mammalian model and review of all body systems. A materials fee will be charged.

ENVIRONMENTAL SCIENCE (390)

Grades: 11-12

Length: 1 year

Credit: 1

Pre-requisites: Physical Science & Biology

Environmental Science will focus on the studies of the environment including ecology, populations, and current events related to ecology. There will be an emphasis on laboratory experiences and investigations. The understanding of plant and animal life is of utmost importance in understanding the balance of nature and how man's interactions affect that fragile balance of nature.

EARTH SCIENCE (312)

Grades: 11-12

Length: 1 semester

Credit: 1/2

Pre-requisites: Physical Science & Biology

Earth Science looks at the physical parts of our planet, the solar system and the universe. Students will learn more about the Big Bang Theory, constellations, galaxies, star and solar system formation, formation of the Earth and Moon, the relationship of the Sun, Earth and Moon, and the oceans and the atmosphere. Students will gain an understanding of how scientists develop current ideas regarding Earth's history and the processes that are at work on our planet and in our universe.

GEOLOGY (395)

Grades: 11-12

Length: 1 semester

Credit: 1/2

Pre-requisites: Physical Science & Biology

Geology looks at the physical parts of our planet. Students will study rocks and minerals, topography, natural resources, and Plate Tectonics as well as human impact on Earth. Students will gain an understanding of the resources available on our planet and the processes that create them as well as the demand for future resources.

Exercise Physiology (392)

Grades: 11-12

Length: 1 semester

Credit: 1/2

Pre-requisites: Physical Science & Biology

Exercise Physiology is a semester class in which students will have an introductory study of Kinesiology, which is the study of the mechanics of body movement. This will be applied to how the body works within the frame of sports. Students will begin by being introduced to anatomical reference/terminology so that future reference and body movement will be scientifically correct. The next 2 units will cover basic physiology (how they work) of our skeletal and muscular system, as well as a more detailed anatomical component. This will all be learning in the regards to how and why our body moves the way it does in motion, particularly during motion in the frame of sports. The 4th unit will cover how the heart, cardiac cycle, and circulatory work and contribute to/affects the ability of motion. Our 5th unit will introduce the student to the Biomechanics aspect will they will be taking measurements and calculating force, torque, work, and energy. In the culminating unit of the course, the students will be integrating all of their prior knowledge and showcasing a specific motion within the sport by identifying/explaining all of the anatomical & physiological concepts pertaining to said motion and calculating the physics aspect (force, torque, etc.) to show the overall complexity of the motions we tend to take for granted.

Forensic Science (391)

Grades: 11-12

Length: 1 semester

Credit: 1/2

Pre-requisites: Physical Science & Biology

Forensic Science is a semester class in which students will have an introductory study of the science used in collecting and analyzing evidence in criminal cases. The course will include (but is not limited to) Observation, Crime Scene Investigation & Lab Techniques, Death: Meaning, Manner, Mechanism, Cause & Time, DNA, Blood & Blood Spatter, Fingerprints, and Trace Evidence. Students will apply the concepts learned to study and explain actual crimes/crime scenes throughout the semester. The final project will be using these techniques to study and solve an artificial crime/scene. In addition, this advanced science will be taught to improve student skills in all the school wide learning objectives and improve other skills tested on the ACT.

Grade 9	Grade 10	Grade 11	Grade 12
*CP World History	*CP American History		
*Honors World History	*Honors American History		
		*AP United States History	*AP United States History
	*African American Studies	*African American Studies	*African American Studies
		*World Affairs	*World Affairs
		*US Government	*US Government
		*Economics	*Economics
SOCIAL STUDIES			
*NCAA Clearinghouse Approved			
boldface: semester course			

SOCIAL STUDIES PROGRAM PHILOSOPHY

To make intelligent choices in an interdependent, global environment, it is necessary that students acquire knowledge, utilize critical thinking, and develop process and conflict management skills. To foster positive interpersonal and inter-group relations, it is necessary that students develop a sense of cultural heritage and the value of human dignity in a multicultural, democratic society.

It is the intent of the social studies program in Winton Woods City Schools to promote these attributes in students to assure that they become citizens of a democratic society who are sensitive to the rights, responsibilities, and needs of themselves, others, and society. Students will be prepared to participate fully in social, political, and economic life.

Students are required to take American History, Government, and either Economics or World Affairs to meet part of the district graduation requirements.

**ENROLLMENT WILL DETERMINE THE AVAILABILITY OF COURSES.
INSUFFICIENT NUMBERS MAY RESULT IN THE CANCELLATION OF COURSES**

CP WORLD HISTORY (422)

Grades: 9
Length: 1 year
Credit: 1
Pre-requisites: None

CP World History is a chronological survey of world history events beginning with the Enlightenment period around 1750 to the present day. The student will acquire an understanding of the cause and effect relationship of past events, and make connections to modern events in areas such as Europe, Asia, South America and Africa. This course is all inclusive factoring ideas from economics, geography, government, citizenship and other social studies skills.

HONORS WORLD HISTORY (421)

Grades: 9
Length: 1 year
Credit: 1 (0.5 weight)
Pre-requisites: Grade of A or B in previous social studies course

Honors World History is a freshman course that presents a chronological survey of world history. The course begins with an overview of the Renaissance period leading to the Age of Enlightenment, and continues the study of events through modern times. Students compare and contrast, examine, discuss, debate, and analyze major events of history in order to gain an understanding of how economics, geography, government and other factors have played a part in shaping the course of history, past and present.

CP AMERICAN HISTORY (434)

Grades: 10
Length: 1 year
Credit: 1
Pre-requisites: CP World History

CP American History will investigate events in United States History beginning with the post Reconstruction era of the late 19th century and continuing through to the present. Significant attention will be given to 20th century events and their impact on American society. The study of government, geography, economics, citizenship, and people in society will be included in this course, as it pertains to different events in the history of the United States. Critical thinking skills, writing skills, and the ability to organize and evaluate information from both primary and secondary sources will also be a focus of this course.

HONORS AMERICAN HISTORY (435)

Grades: 10
Length: 1 year
Credit: 1 (0.5 weight)
Pre-requisites: Honors World History

Honors American History will investigate events in United States History beginning with the post Reconstruction era of the late 19th century and continuing through to the present. Significant attention will be given to 20th century events and their impact on American society. The study of government, geography, economics, citizenship, and people in society will be included in this

course, as it pertains to different events in the history of the United States. Critical thinking skills, writing skills, and the ability to organize and evaluate information from both primary and secondary sources will also be a focus of this course.

ADVANCED PLACEMENT (AP) UNITED STATES HISTORY (430)

Grades: 11-12

Length: 1 year

Credit: 1 (1.0 weight)

Pre-requisites: Grade of B or better in Honors Level English, Honors World History, Honors American History

AP American History is an in-depth study of American History using a chronological and analytical approach. It is designed for the serious social studies student who desires a college level course and may possibly receive college credit. Students are also encouraged to expand their understanding of history through research, evaluation of original documents and essay writing. Students will be required to do summer reading which will be included in the first quarter grade. All students enrolled in Advanced Placement classes understand that the purpose of the course is to prepare them for passing the Advanced Placement test. All students enrolled in AP American History must take the AP United States History examination in May (at student-paid expense of approximately \$91).

AFRICAN AMERICAN STUDIES (438)

Grades: 10-12

Length: 1 semester

Credit: ½

Pre-requisites: None

African American Studies explores the African American experience in America throughout periods of American History. Through a study of historical events, literature, art, and music, students will gain valuable insights into the political and social movements that helped shape the total African-American experience.

WORLD AFFAIRS (441)

Grades: 11-12

Length: 1 semester

Credit: ½

Pre-requisites: None

World Affairs is an advanced study of political science with emphasis on international relations since 1940. The American form of government is compared to other political systems. Also included is a detailed study and comparison of the world's major economic systems. Students are expected to maintain an awareness of current world events to add immediate perspective to political and economic theory and international relations.

ECONOMICS (445)

Grades: 11-12

Length: 1 semester

Credit: ½

Pre-requisites: None

Economics centers around the functioning of the market system with an emphasis on the American capitalistic economy. Students will receive an up-to-date introduction to the economic system and the student's role in it. This course is to help students gain a

greater respect for the United States economic system while realistically portraying the contribution of both sexes and minorities within this system. In addition, special emphasis will be placed on financial literacy for students according to the NEFE (National Endowment for Financial Education www.NEFE.org) standards.

U. S. GOVERNMENT (440)

Grades: 11-12

Length: 1 year

Credit: 1

Pre-requisites: None

This required course is designed to ensure that all students are familiar with governmental structure at the federal, state, and local levels. With a focus on the legislative, executive, and judicial functions of our government, students will study current federal, state, and local issues. This year-long course is a required course that can be taken during the junior or senior year.

Grade 9	Grade 10	Grade 11	Grade 12
Intro to Art 2-D	Intro to Art 2-D	Intro to Art 2-D	Intro to Art 2-D
Intro to Art 3-D	Intro to Art 3-D	Intro to Art 3-D	Intro to Art 3-D
Honors Intro to Art	Two-Dimensional Art	Two-Dimensional Art	Two-Dimensional Art
	Three-Dimensional Art	Three-Dimensional Art	Three-Dimensional Art

Introduction to Digital Photography and Editing	Introduction to Digital Photography and Editing	Introduction to Digital Photography and Editing	Introduction to Digital Photography and Editing
	Digital Photography II	Digital Photography II	Digital Photography II
		Advanced Art	Advanced Art
			Advanced Placement (AP) Studio Art-Drawing
VISUAL ARTS			
boldface: semester course			

VISUAL ARTS PROGRAM PHILOSOPHY

In order to develop the knowledge, understanding, and appreciation of our past heritage and its relationship to present society, it is essential that students pursue the study of art. By producing and responding to art, students gain an understanding of the world through individual expression and interpretation. The study of art is a means whereby students can acquire the self-discipline needed to achieve a positive self-image through the development of problem solving techniques and technical skills. The study of art provides a means to foster aesthetic awareness, social interaction, and overall enjoyment, which promotes the transmission of our cultural heritage.

**ENROLLMENT WILL DETERMINE THE AVAILABILITY OF COURSES.
INSUFFICIENT NUMBERS MAY RESULT IN THE CANCELLATION OF COURSES.**

INTRODUCTION TO ART 2-D (811)

Grades: 9-12
Length: 1 semester
Credit: 1/2
Pre-requisites: None

Introduction to Art I is an entry-level class where students will explore two-dimensional media. Students will learn design processes, drawing skills, and painting techniques throughout the semester. Art history and career exploration are also included in this course. This course is a prerequisite for Two-Dimensional Art. A materials fee will be charged.

INTRODUCTION TO ART 3-D (812)

Grades: 9-12
Length: 1 semester
Credit: 1/2
Pre-requisites: None

Introduction to Art II is an entry-level class where students will explore three-dimensional media. Students will learn how to design and create ceramics along with other sculptural forms in various materials. Students will also explore methods of printmaking in this course. Art history and career exploration are also included in this course. This class is a prerequisite for Three-Dimensional Art. A materials fee will be charged.

HONORS INTRODUCTION TO ART

Grades: 9-12

Length: 1 year

Credit: 1 (0.5 weight)

Pre-requisites: 8th grade Honors Art

This class is available to Gifted and Talented art students as an alternative introductory prerequisite to courses in art. Content from both Introduction to 2D Art and Introduction to 3D Art is studied and practiced at a thorough and rigorous pace. Art history, philosophy, criticism, and production are all combined into comprehensive projects that encourage creativity and individuality from each student. Necessary materials are provided.

TWO-DIMENSIONAL ART (820)

Grades: 10-12

Length: 1 year

Credit: 1

Pre-requisites: Introduction to Art I

Two-Dimensional Art provides the student the opportunity to pursue an interest in drawing, painting and design, through a variety of media that may include pencil, pastel and charcoal, watercolor, acrylic, printing inks, and textile inks. As the student progresses over the course of the school year, the student will investigate historical and present day art movements and artists that correspond to their own art work. All projects may be used as the beginning foundation for art portfolios needed for admittance into a college, university, or art school, and for AP art. Students will also have the opportunity to enter completed art works into art contests and scholarship competitions. A materials fee will be charged.

THREE-DIMENSIONAL ART (830)

Grades: 10-12

Length: 1 year

Credit: 1

Pre-requisites: Introduction to Art II

Three-Dimensional Art provides the student the opportunity to pursue and interest in sculpture through a variety of media and processes, that may include clay, metals, fibers, potters wheel, and additive and subtractive processes. As the student progresses over the course of the school year, the student will investigate historical and present day art movements and artists that correspond to their own art work. Students will study the development and changing roll of public sculpture as it relates to culture and society. Students will also have the opportunity to enter completed art works into contests and scholarship competitions. A materials fee will be charged.

INTRODUCTION TO DIGITAL PHOTOGRAPHY AND EDITING (813)

Grades: 9-12
Length: 1 semester
Credit: ½
Pre-requisites: None

This course is designed to teach students the elements and principles of visual art through digital photography. Students will be taught how to use a camera's appropriate settings, how to compose original high quality images, and how to edit their work using Photoshop. Fees will provide USB drives to create a digital portfolio to be kept by the student at the end of the course, photograph quality paper, and access to course equipment. **There is a fee of \$50.00.**

DIGITAL PHOTOGRAPHY II (809)

Grades: 10-12
Length: 1 year
Credits: 1
Pre-requisites: *Introduction to Digital Photography and Editing*

This year-long course is designed to follow the semester-long course, Introduction to Digital Photography and Editing. With the fundamental aspects of photography and editing already addressed, students will pursue more advanced techniques. A showcase of breadth, thematic concentration, and firm understanding of the elements and principles of 2D visual art will be the primary goal of portfolio production in this course. This portfolio is intended to prepare students for college admissions and hone their skills for pursuit of a career in the visual arts. **There is a fee of \$90.00**

ADVANCED ART (840)

Grades: 11-12
Length: 1 year
Credit: 1
Pre-requisites: *Introduction to Art and Two-Dimensional Art or Three-Dimensional Art.*

This class provides an intensive study of both Two-Dimensional and Three-Dimensional Art, with an emphasis on portfolio development and presentation. There is an emphasis on art history, culture and contemporary trends, as it relates to the student's art work. Professional Artists from the community will also visit class, and the students are required to enter work into various art shows and competitions on a local and national basis. A materials fee will be charged.

ADVANCED PLACEMENT (AP) STUDIO ART: DRAWING (841)

Grades: 12
Length: 1 year
Credit: 1 (1.0 weight)
Pre-requisites: *Introduction to Art I, Two-Dimensional Art and/or Advanced Art*

Advanced Placement (AP) Drawing provides an intensive study in Two-Dimensional Art, emphasizing the three sections of the National AP requirement of Quality, Concentration, and Breadth. The collection at the Cincinnati Art Museum, Taft Museum of Art, and the Contemporary Art Center will be a basis for developing the Concentration section of the AP portfolio. Professional Artists from the community will also visit class, and the students are required to enter work into various art shows and competitions on a local and national basis. All AP students are required to take the AP Exam and pay the AP Examination Fee (approximately \$91).

SPECIALIZED COURSES

JCG (Jobs for Cincinnati Graduates)

Grades: 10-12

Length: 1 year

Credit: 1

Pre-requisite: Application only

Jobs for Cincinnati Graduates is a full year elective course, which prepares students for life after graduation by equipping them with employment competencies that will prepare them to secure a quality job and or pursue postsecondary education and or training that leads to a career. The JAG nationally accredited curriculum will cover a minimum of 37 core competencies engaging students in such topics and activities: Life skills, community service/service learning projects, internships and job shadowing, leadership development, and a year of follow – up activities. Students enjoy being able to lead classroom discussions, analyze current events and “real life” situations, developing service learning projects, and enjoy informative presentations from working career professionals. **Application required.**

YEARBOOK (136)

Grades: 10-12

Length: 1 year

Credit: 1

Pre-requisites: Application

Yearbook is a class where students create **Calumet**, the Winton Woods High School Yearbook. Students will learn electronic and digital layout, basic photography techniques, and copy writing. Students are expected to use some out of class/out of school time to collect yearbook information (e.g. photographs).

STUDY SKILLS (4563)

Grades: 9-12

Length: 1 year

Credit: 1

Pre-requisites: Administrative or Guidance Placement Only

Study Skills is for identified students as a daily means of academic support. Students will learn basic study skills and time management techniques. Students will also be given opportunity to work one-on-one with the teacher to support academic performance. This class is offered on a Pass-Fail basis.

LIFE SKILLS (4563)

Grades: 9-10

Length: 1 year

Credit: 1

Pre-requisites: Administrative or Guidance Placement Only

Life Skills class offers students the opportunity to develop the skills necessary to navigate the world of independent living. Life Skills will introduce students to budgets, earning money, meal planning and making, job applications, income tax and other topics related to transitioning from dependent to independent living. Students will practice Life Skills in structured real world settings with guidance from an Intervention specialist.

ESL (500)

Grades: 9-12

Length: 1 year

Credit: 1

Pre-requisites: Administrative or Guidance Placement Only

ESL is designed for students who speak English as a Second Language with little or no competency. The emphasis in the course is on oral and written production of the English language.

SENIOR LATE ARRIVAL (950)

SENIOR EARLY DISMISSAL (960)

Grades: 12

Length: 1 semester

Credit: 0

Pre-requisites: Application & Administrative Approval Only

Seniors are highly encouraged to take a challenging course of study during their senior year at Winton Woods High School. An additional course may be more beneficial than late Arrival or Early Dismissal. Seniors who meet established criteria, however, may choose a Late Arrival or Early dismissal option.

Late Arrival/Early Dismissal criteria:

1. Student must have earned a minimum of 18 credits by the start of the senior year.
2. Students must have at least 93% attendance their junior year.
3. Students must complete the Late Arrival early Dismissal option.

Senior Late Arrival/Early Dismissal can be revoked by administration at any time for failure to pass all classes, exhibit good behavior, and maintain 93% attendance.

Student-athletes are HIGHLY ENCOURAGED to take 7 classes. Please consult your counselor to make sure you meet academic eligibility and NCAA Clearinghouse requirement.

ON-LINE ELECTIVE OPTIONS FOR WINTON WOODS HIGH SCHOOL

(Offered through the PLATO Learning System)

Please see the course list located in the Guidance Department.

ACADEMY OF GLOBAL STUDIES

Academy of Global Studies Course Sequence			
Year 1: Grade 9	Year 2: Grade 10	Year 3: Grade 11	Year 4: Grade 12
Algebra I, Geometry or Algebra II	Geometry or Algebra II	Algebra II or Pre-Calculus Statistics or Trigonometry & Non-Linear Functions	Pre-Calculus or Calculus Statistics or Trigonometry & Non-Linear Functions
Physical Science	Biology	Chemistry	Physics or AP Physics 1
AGS World Studies and English 9	AGS American Studies and English 10	AP US Government & Politics and English 11	AP Human Geography and English 12
Spanish I or II	Spanish II or III	Spanish III or IV	Spanish IV or V
Mandarin Chinese I or II	Mandarin Chinese II or III	Mandarin Chinese III or IV	Mandarin Chinese IV or V
Global Seminar 9	Global Seminar 10	Global Seminar 11	<i>Senior Capstone</i>
<i>PE (2 @ 0.25 each)</i>	<i>Health (0.5)</i>	<i>Financial Literacy</i>	<i>Elective</i>
<i>Elective</i>	<i>Elective</i>	<i>Elective</i>	<i>Elective</i>

GRADE 9 COURSES

AGS WORLD STUDIES (A4174 un-weighted)

AGS HONORS WORLD STUDIES (A4172 weighted)

AGS ENGLISH 9 (A1316 un-weighted)

AGS HONORS ENGLISH 9 (A1317 weighted)

Grades: 9

Length: 1 year

Credit: 1 for AGS World Studies and 1 for AGS English 9

Pre-requisites: none

This team-taught course is a chronological survey of world history events from both the Western and the Eastern perspective. Students will acquire an understanding of the cause and effect relationship of past events, and make connections to modern events in the world regions of Europe, Asia, South America, and Africa. This course contains significant geography content.

Critical thinking skills, content specific vocabulary, traditional grammar, and the ability to organize and evaluate information from both primary and secondary sources will be a focus of this course. Students will study literature, poetry, and non-fiction through a global lens, and examine the relationship and impact of world events on literature of the time. Within each unit, students will read and study an array of world literature, poetry, and non-fiction to support their knowledge of the time period. There will also be a heavy focus on college-bound, thesis-driven research and composition skills, as well as writing expository, narrative, and persuasive essays. This course is designed for project-based learning where students work in groups to solve problems and present formally to real audiences. This meets the ninth grade requirement for English and Social Studies. This course is only available to Academy of Global Studies students.

Note: This course is the combination of two courses: *Writing the World and Global Perspectives in History.*

ALGEBRA I (A2122 non-weighted)

HONORS ALGEBRA I (A2132 weighted)

Grades: 9

Length: 1 year

Credit: 1

Pre-requisites: None

CP Algebra I introduces the student to abstract thinking. The course includes in-depth study of the properties of real numbers, and the solving and graphing of linear sentences. Included is a study of quadratic equations, factoring, and the quadratic formula. Algebra I is the foundation for the higher mathematics courses. Scientific calculators are used, as determined by the District. This course is taught in a technology-infused, Problem-Based Learning (PrBL) format. This course is only available to Academy of Global Studies students.

ALGEBRA II (A2124 non-weighted)

HONORS ALGEBRA II (A2123 weighted)

Grades: 9-11

Length: 1 year

Credit: 1

Pre-requisites: Honors Geometry or Geometry

CP Algebra II is an extension of the concepts introduced in Algebra I. Emphasis is on the structure of mathematics combined with systematic instruction in the techniques of algebra as a reflection of its structure. Its chief aims are to clarify, simplify and unify concepts in mathematics that deepen understanding. Graphing calculators are used. This course is taught in a technology-infused, Problem-Based Learning (PrBL) format. This course is only available to Academy of Global Studies students.

GEOMETRY (A2222 non-weighted)

HONORS GEOMETRY (A2232 weighted)

Grades: 9

Length: 1 year

Credit: 1 (0.5 weight)

Pre-requisites: Grade of A or B grade in CP Algebra I, Teacher Recommendation

Geometry is the study of the relationships of lines, planes, triangles, and other geometric figures, in both two dimensions and three dimensions, as an idealized model of our physical environment. The properties of these figures are developed by experimentations and intuition. These properties are then proved by logical deduction. Scientific calculators are used. Students must have the approved calculator as determined by the District. Honors Geometry is a fast-paced course designed for students wishing to take Calculus their senior year. This course is taught in a technology-infused, Problem-Based Learning (PrBL) format. This course is only available to Academy of Global Studies students.

PHYSICAL SCIENCE (A3162 non-weighted)

HONORS PHYSICAL SCIENCE (A3262 weighted)

Grades: 9
Length: 1 year
Credit: 1
Pre-requisites: None

Physical Science will examine the laws of nature as they apply to earth and space. Physical concepts will include: nature of matter and energy, identifiable physical properties of substances, and the forces that act on and within objects. This course will cover motions, structures, and properties of atoms. Earth and space topics will include processes that move and shape the earth: interactions of the solar system, gravitational forces and weather. This course is taught in a technology-infused, Project-Based Learning (PBL) format. This course is only available to Academy of Global Studies students

SPANISH I (A5112)

Grades: 9
Length: 1 year
Credit: 1
Pre-requisites: Grade of C in 8th grade or previous year in English

Spanish I introduces the student to foreign language study. The main goal is to enable the student to understand, speak, read and write Spanish on an introductory level. The student is introduced to Hispanic culture, geography and language structures in this increasingly important language. This course is taught in a technology-infused, Project-Based Learning (PBL) format. This course is available only to Academy of Global Studies students. A material fee will be charged.

SPANISH II (A5212)

Grades: 9-10
Length: 1 year
Credit: 1
Pre-requisites: Recommended Grade of C in Spanish I

Spanish II begins with a review of the fundamentals of Spanish studied and then concentrates on the further development of the language skills. Emphasis will be on practical and situational vocabulary and accurate pronunciation. This course is taught in a technology-infused Project-Based Learning (PBL) format. This course is available only to Academy of Global Studies students. A materials fee will be charged.

CHINESE I (505)

Grades: 9
Length: 1 year
Credit: 1
Pre-requisites: Grade of C in 8th grade or previous year in English

Chinese I introduces the student to the study of the Chinese language. Students will learn to speak, read and write on a basic level in this increasingly important world language. Students will begin to investigate the people culture and history of China.

CHINESE II (506)

Grades: 9-10

Length: 1 year

Credit: 1

Pre-requisites: Grade of C recommended in Chinese I

Chinese II begins with a review of the fundamentals of the Chinese studied and then concentrates on further development of the language skills: speaking, writing, reading and listening. The emphasis in this course will be on practical and situational vocabulary. Students will continue their study of the culture of China.

AGS GLOBAL SEMINAR 9 (A4182)

Grades: 9

Length: 1 year

Credit: 1

Pre-requisites: None

AGS Global Seminar 9 is a multi-disciplinary course taught in the Academy of Global Studies. The course is thematic, and is designed to help students explore in greater depth topics that are introduced in core courses in the Academy. AGS Global Seminar 9 is framed around the International Studies Schools Network (ISSN) global competencies of *Investigate the World* and *Communicate Ideas*. Emphasis will be placed on critical thinking, collaborative team work through integrated projects, creative problem solving and communication through various media. This course is taught in a technology-infused, Project-Based Learning (PBL) format.

GRADE 10 COURSES

AGS AMERICAN STUDIES (A4164 non-weighted)

AGS HONORS AMERICAN STUDIES (A4162 weighted)

AGS ENGLISH 10 (A1318 non-weighted)

AGS HONORS ENGLISH 10 (A1319 weighted)

Grades: 10

Length: 1 year

Credit: 1 for AGS American Studies and 1 for English 10

Pre-requisites: none

This team-taught course will investigate events in American History beginning with the post Reconstruction era of the late 19th century and continuing through to the present. Within each unit students will read and study American literature, poetry, and non-fiction to support their knowledge of the time period. Significant attention will be given to 20th century events and their impact on American society. The study of government, geography, economics, citizenship, and people in society will be included in this course, as it pertains to different events in the history of the United States.

Critical thinking skills, content specific vocabulary, traditional grammar, and the ability to organize and evaluate information from both primary and secondary sources will be a focus of this course. Students will study literature, poetry, and non-fiction through a historical and regional perspective, and examine the impact that literature has on the United States and the rest of the world. There will also be a heavy focus on college-bound, thesis-driven research and composition skills, as well as writing expository, narrative, and persuasive essays. This course is designed for project-based learning where students work in groups to solve problems and present formally to real audiences. This course meets the tenth grade requirement for English and Social Studies. This course is only available to Academy of Global Studies students.

GEOMETRY (A2222 non-weighted)

HONORS GEOMETRY (A2232 weighted)

Grades: 9-11

Length: 1 year

Credit: 1 (0.5 weight)

Pre-requisites: Grade of A or B grade in CP Algebra I, Teacher Recommendation

Geometry is the study of the relationships of lines, planes, triangles, and other geometric figures, in both two dimensions and three dimensions, as an idealized model of our physical environment. The properties of these figures are developed by experimentations and intuition. These properties are then proved by logical deduction. Scientific calculators are used. Students must have the approved calculator as determined by the District. Honors Geometry is a fast-paced course designed for students wishing to take Calculus their senior year. This course is taught in a technology-infused, Problem-Based Learning (PrBL) format. This course is only available to Academy of Global Studies students.

ALGEBRA II (A2124 non-weighted)

HONORS ALGEBRA II (A2123 weighted)

Grades: 9-11

Length: 1 year

Credit: 1

Pre-requisites: Honors Geometry or Geometry

CP Algebra II is an extension of the concepts introduced in Algebra I. Emphasis is on the structure of mathematics combined with systematic instruction in the techniques of algebra as a reflection of its structure. Its chief aims are to clarify, simplify and unify concepts in mathematics that deepen understanding. Graphing calculators are used. This course is taught in a technology-infused, Problem-Based Learning (PrBL) format. This course is only available to Academy of Global Studies students.

BIOLOGY (A3462 non-weighted)

HONORS BIOLOGY (A3362 weighted)

Grades: 10

Length: 1 year

Credit: 1

Pre-requisites: CP or Honors Physical Science

CP Biology is a fast-paced college preparatory class taken at the tenth-grade level. This course examines life and emphasizes the study of cellular structure and function, reproduction, metabolism, homeostasis, heredity, evolution, and interdependence. Students will apply major biological and scientific concepts to laboratory experiences where data and analyses will be recorded in standard scientific format. This course must be passed before taking any science electives. This course is taught in a technology-infused, Project-Based Learning (PBL) format. This course is only available to Academy of Global Studies students.

SPANISH II (A5212)

Grades: 9-10

Length: 1 year

Credit: 1

Pre-requisites: Recommended Grade of C in Spanish I

Spanish II begins with a review of the fundamentals of Spanish studied and then concentrates on the further development of the language skills. Emphasis will be on practical and situational vocabulary and accurate pronunciation. This course is taught in a technology-infused, Project-Based Learning (PBL) format. This course is available only to Academy of Global Studies students. A materials fee will be charged.

SPANISH III (A5312)

Grades: 10-11

Length: 1 year

Credit: 1

Pre-requisites: Spanish II and Recommended Grade of C in Spanish II

Spanish III continues the study of the fundamentals of Spanish on an advanced level, with an emphasis on speaking, listening, vocabulary acquisition and advanced grammatical structures. Students will continue to learn about Spanish-speaking people, their culture and customs. This course is taught in a technology-infused, Project-Based Learning (PBL) format. This course is available only to Academy of Global Studies students. A materials fee will be charged.

CHINESE II (506)

Grades: 9-10

Length: 1 year

Credit: 1

Pre-requisites: Grade of C recommended in Chinese I

Chinese II begins with a review of the fundamentals of the Chinese studied and then concentrates on further development of the language skills: speaking, writing, reading and listening. The emphasis in this course will be on practical and situational vocabulary. Students will continue their study of the culture of China.

CHINESE III (507)

Grades: 10-11

Length: 1 year

Credit: 1

Pre-requisites: Grade of C recommended in Chinese II

Chinese II begins with a review of the fundamentals of the Chinese studied and then concentrates on further development of the language skills: speaking, writing, reading and listening. The emphasis in this course will be on practical and situational vocabulary. Students will continue their study of the culture of China.

AGS GLOBAL SEMINAR 10 (A4183)

Grades: 10

Length: 1 year

Credit: 1

Pre-requisites: None

AGS Global Seminar 10 is a multi-disciplinary course taught in the Academy of Global Studies. The course is thematic, and is designed to help students explore in greater depth topics that are introduced in core courses in the Academy. AGS Global Seminar 10 is framed around the International studies Schools Network (ISSN) global competencies of **Communicate Ideas** and **Recognize Perspectives**. While the foundation of AGS Global Seminar 10 is similar to AGS Global Seminar 9, in that students will continue to be exposed to a variety of current events, the central emphasis of this course is on the Model United Nations (UN) process. Model United Nations is an activity where students step into shoes of UN Ambassadors and debate a range of issues on the UN agenda. All students in AGS Global Seminar 10 will participate in a local or national model UN competition. Emphasis will be placed on critical thinking, collaborative team work through integrated projects, creative problem solving and communication through various media. This course is taught in a technology-infused, Project-Based Learning (PBL) format.

GRADE 11 COURSES

AGS AP U.S. GOVERNMENT and POLITICS (A4165)

Grades: 11 - 12
Length: 1 year
Credit: 1 (1.0 weight)
Pre-requisites: None

The required course is designed to ensure that all students are familiar with governmental structure at the federal, state, and local levels. With a focus on the legislative, executive, and judicial functions of our government, students will study current federal, state, and local issues. This year-long course is a required course that can be taken during the junior or senior year (at student paid expense of approximately \$91).

AGS PRE-CALCULUS (A2242 non-weighted)

AGS HONORS PRE-CALCULUS (A2252 weighted)

Grades: 10-12
Length: 1 year
Credit: 1
Pre-requisite: Grade of A in Algebra II or Grade of A or B in Honors Algebra II

Honors Pre-Calculus includes the study of polynomial, rational, radical, logarithmic, and exponential functions, advanced algebra, complex numbers, vectors, and polar and parametric equations. This advanced course is offered to those superior students in Honors Algebra II or Algebra II. Graphing calculators are required: TI-83+, TI-84 or other appropriate graphing calculator (at student's expense). This course is taught in a technology-infused, Problem-Based Learning (PrBL) format. This course is only available to Academy of Global Studies students.

STATISTICS (242)

Grades: 11-12
Length: 1 year
Credit: 1
Pre-requisites: Algebra II

All students who intend to pursue mathematics, business, social science, or science fields of study in college will find the course beneficial for their futures. The topics will include: probability; data presentation and collection; measures of dispersion; central tendencies; the binomial and normal distributions; and regression models. This course is taught in a technology-infused, Problem-Based Learning (PrBL) format.

CP TRIGONOMETRY AND NON LINEAR FUNCTIONS (243)

Grades: 11-12
Length: 1 year
Credit: 1
Pre-requisites: Algebra II

Functions & Trigonometry is a college-preparatory course for students who want to continue their studies in mathematics beyond Algebra II with the possibility of taking Calculus in the future. The course is taught from a functions perspective using analytic, numeric, and graphical approaches with practical applications and the use of technology. This course is taught in a Problem-Based Learning (PrBL) format.

AGS ENGLISH 11 (A1320 non-weighted)**AGS HONORS ENGLISH 11 (A1310 weighted)**

Grades: 11
Length: 1 year
Credit: 1
Pre-requisites: CP English 10

AGS English 11 furthers students' proficiency with listening/viewing, speaking, literature, and composition skills. Tenth grade literature features poetry, drama, short stories, essays, and novels. Composition instruction emphasizes narration, exposition, and persuasion while enabling students to continue improving grammar usage, mechanics, and punctuation skills. Students will also keep a writing portfolio. There is continued emphasis on vocabulary roots and literary terms, writing, and speaking. This course is paired with AGS AP U.S. Government.

AGS CHEMISTRY (A3562 non-weighted)**AGS HONORS CHEMISTRY (A3552 weighted)**

Grades: 11-12
Length: 1 year
Credit: 1
Pre-requisites: Algebra 1 (earning a C or above recommended) and CP or Honors Physical Science & Biology.

Chemistry I develops the basic concepts of the composition and structure of matter. Students will investigate the chemical and physical changes in matter with heat and the reactions that can occur when substances interact. These concepts develop as a result of many laboratory-based investigations concerning the properties of matter. The course emphasizes the many experimental, thinking, and problem-solving skills utilized in science. A good foundation of algebra skills will be reviewed, developed, and applied to chemical calculations. Students will be required to have a scientific calculator, three-ring binder, and 2 composition notebooks. This course is taught in a technology-infused, Project-Based Learning (PBL) format. This course is only available to Academy of Global Studies students.

CHINESE III (507)

Grades: 10-11

Length: 1 year

Credit: 1 credit

Pre-requisites: Grade of C recommended in Chinese II

Chinese III begins with a review of the fundamentals of the Chinese studied and then concentrates on further development of the language skills: speaking, writing, reading and listening. The emphasis in this course will be on practical and situational vocabulary. Students will continue their study of the culture of China.

CHINESE IV (508)

Grades: 11-12

Length: 1 year

Credit: 1 (0.5 weight)

Pre-requisites: Grade of C recommended in Chinese III

Chinese IV begins with a review of the fundamentals of the Chinese studied and then concentrates on further development of the language skills: speaking, writing, reading and listening. Students will be introduced to Asian literature through the study of poetry and short plays. They will also continue conversational skills through daily dialogues, presentations and skits. Students will also learn more complex grammar structures. The emphasis in this course will be on practical and situational vocabulary. Students will continue their study of the culture and history of China. Students will also have the opportunity to participate in the Miami University singing competition each year.

SPANISH III (A5312)

Grades: 10-11

Length: 1 year

Credit: 1 credit

Pre-requisites; Spanish II and Recommended Grade of C in Spanish II

Spanish III continues the study of the fundamentals of Spanish on an advanced level, with an emphasis on speaking, listening, vocabulary acquisition and advanced grammatical structures. Students will continue to learn about Spanish-speaking people, their culture and customs. This course is taught in a technology-infused, Project-Based Learning (PBL) format. This course is available only to Academy of Global Studies students. A materials fee will be charged.

SPANISH IV (A5412)

Grades: 11-12

Length: 1 year

Credit: 1 credit (0.5 weight)

Pre-requisites: Spanish III and Recommended Grade of C in Spanish III.

Spanish IV provides for the advanced study of the language through grammar, vocabulary, composition and conversational work. Students will participate in advanced conversational situations and complete presentations and projects on a variety of topics in Spanish. Students will also be introduced to more advanced literature from Spain and Central America and write essays about literature. Students will continue to learn culture through the study of Hispanic countries and literature. Students will also continue studying Hispanic history and important people in the Hispanic culture. A materials fee will be charged.

AGS GLOBAL SEMINAR 11 (A4184)

Grades: 11

Length: 1 year
Credit: 1
Pre-requisites: None

AGS Global Seminar 11 is a multi-disciplinary course taught in the Academy of Global Studies. The course is thematic, and is designed to help students explore in greater depth topics that are introduced in core courses in the Academy, AGS global Seminar 11 is framed around the International Studies Schools Network (ISSN) global competencies of **Communicate Ideas** and **Take Action**. Students in AGS Global Seminar 11 will go through a comprehensive examination of global issues in preparation of their Senior Capstone. All students in AGS Global Seminar 11 will participate in at least one “Take Action” project. Emphasis will be placed on critical thinking, collaborative team work through integrated projects, creative problem solving and communication through various media. This course is taught in a technology-infused, Project-Based Learning (PBL) format.

GRADE 12 COURSES

AGS AP HUMAN GEOGRAPHY (A4465)

Grades: 12
Length: 1 year
Credit: 1 (1.0 weight)
Pre-requisites: None

AP Human Geography is the 4th social studies course in the Academy of Global Studies, and is integrated in a double-block with AGS English 12. The purpose of the AP Human Geography course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use and alteration of Earth’s surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. Students also learn about the methods and tools geographers use in their research and applications. AP Human Geography will help students develop skills that enable them to:

- Interpret maps and analyze geospatial data.
- Understand and explain the implications of associations and networks among phenomena in places.
- Recognize and interpret the relationships among patterns and processes at different scales of analysis.
- Define regions and evaluate the regionalization process.
- Characterize and analyze changing interconnections among places.

This course is fast-paced, and nightly work and study is expected. There will be an AP test fee of approximately \$91 for students choosing to take the examination in May.

AGS ENGLISH 12 (A1422 non-weighted)

AGS HONORS ENGLISH 12 (A1413 0.5 weight)

Grades: 12
Length: 1 year
Credit: 1
Pre-requisite: English 11

This team taught course will refine student’s skills in listening/viewing, speaking, literature, and composition, in a project-based learning environment. Students explore society through novels, short stories, drama, poetry, and essays. Composition instruction focuses on exposition, narration, persuasion, and literary analysis. All writing will be kept in a portfolio. To improve writing, students will continue to study and practice grammar and mechanics. There is a continued emphasis on vocabulary study through ACT/SAT words and literary terms. Emphasis will be placed on critical thinking, collaborative team work through

integrated projects, creative problem solving and communication through various media. This course is taught in a technology-infused, Project-Based Learning (PBL) format. Students are expected to complete the summer reading assignment, which is averaged as part of the 1st quarter grade. This class is taught in conjunction with AP Human Geography.

AGS PHYSICS (A3412 non-weighted)

Grades: 12

Length: 1 year

Credit: 1

Pre-requisites: *Physical Science, Biology, Algebra II (may be concurrent)*

AGS Physics is the study of the relationship of matter and energy on a larger scale as compared to chemistry. The topics covered will be in the areas of kinematics, mechanics, electricity and magnetism, optics, and acoustics. Laboratory investigations are used to investigate physical relationships. Emphasis will be placed on critical thinking, collaborative team work through integrated projects, creative problem solving and communication through various media. This course is taught in a technology-infused, Project-Based Learning (PBL) format. This class will proceed at an accelerated pace and will include more reading from technical resources, as well as more laboratory and independent research

AP PHYSICS 1 (348)

Grades: 11-12

Length: 1 year

Credit: 1 (1.0 weight)

Pre-requisites: *Physical Science, Algebra 2(Trigonometry)*

AP Physics I: Algebra and Trigonometry-Based is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits. The course is fast-paced, and nightly work and study is expected. All AP Physics I student must take the AP Physics I Exam in May (at student paid expense of approximately \$91).

AGS SENIOR CAPSTONE (A4185)

Grades: 12

Length: 1 year

Credit: 1

Pre-requisites: *None*

AGS Senior Capstone is the culminating course for AGS students. Senior Capstone provides AGS Seniors the opportunity to create a project of their own choosing, based upon their learning over the past four years. Students may choose a topic that interests them, but all capstone topics must be situated in one or more ISSN global competencies. Students will spend the first quarter digging into the ISSN global competencies with an eye toward their capstone project. During this time, students will meet with their faculty advisor to vet capstone ideas. Final capstone topic approval will occur by November 1. During Quarters 2 & 3, students will work on their capstone projects. Quarter 4 will be final preparations and formal presentations of capstone projects. (All AGS seniors will present to an audience of internal and external reviewers (peers, teachers, parents, district personnel, local business people; local government officials; family ...). The components of a completed Capstone Project include:

- Portfolio of four documents, each a reflection of how students have met each of the four ISSN global competencies.

- Multimedia Presentation (link to blog, website, video or other online presentation)
- Oral Presentation of the capstone project to an authentic audience.
- Written 15-20 page essay related to the capstone project.

CHINESE IV (508)

Grades: 11-12

Length: 1 year

Credit: 1 (0.5 weight)

Pre-requisites: Grade of C recommended in Chinese III

Chinese IV begins with a review of the fundamentals of the Chinese studied and then concentrates on further development of the language skills: speaking, writing, reading and listening. Students will be introduced to Asian literature through the study of poetry and short plays. They will also continue conversational skills through daily dialogues, presentations and skits. Students will also learn more complex grammar structures. The emphasis in this course will be on practical and situational vocabulary. Students will continue their study of the culture and history of China. Students will also have the opportunity to participate in the Miami University singing competition each year.

CHINESE V (509)

Grades: 12

Length: 1 year

Credit: 1 (0.5 weight)

Pre-requisites: Grade of C recommended in Chinese IV

Chinese V is for the truly advanced language student. It provides continued study of the language through grammar, vocabulary, composition and conversational work. Students will delve deeper into Chinese culture through the study of literature including poetry and plays. Students will also read classic articles and learn in-depth history and culture as well as geography. Students will continue speaking practice through conversations, dialogues and presenting plays. Students will also have the opportunity to participate in the Miami University singing competition each year.

SPANISH IV (A5412)

Grades: 11-12

Length: 1 year

Credit: 1 credit (0.5 weight)

Pre-requisites: Spanish III and Recommended Grade of C in Spanish III.

Spanish IV provides for the advanced study of the language through grammar, vocabulary, composition and conversational work. Students will participate in advanced conversational situations and complete presentations and projects on a variety of topics in Spanish. Students will also be introduced to more advanced literature from Spain and Central America and write essays about literature. Students will continue to learn culture through the study of Hispanic countries and literature. Students will also continue studying hispanic history and important people in the Hispanic culture. A materials fee will be charged.

SPANISH V (A5413)

Grades: 12

Length: 1 year

Credit: 1 (0.5 weight)

Pre-requisites: Spanish IV and Recommended Grade of C in Spanish IV

Spanish V is for the truly advanced language student. It provides students a survey of classes students could take in a university setting, including advanced Grammar, Conversational Spanish, Literature, History (Spanish; pre-Colombian in Central/South America), Linguistics, and Writing (argumentative essay; children's literature). Students continue their study of the language through grammar, vocabulary, composition and conversational work. Students will delve deeper into the culture of Hispanic countries. A materials fee will be charged.

AGS PRE-CALCULUS (A2242 non-weighted)

AGS HONORS PRE-CALCULUS (A2252 weighted)

Grades: 10-12

Length: 1 year

Credit: 1

Pre-requisite: Grade of A in Algebra II or Grade of A or B in Honors Algebra II

Honors Pre-Calculus includes the study of polynomial, rational, radical, logarithmic, and exponential functions, advanced algebra, complex numbers, vectors, and polar and parametric equations. This advanced course is offered to those superior students in Honors Algebra II or Algebra II. Graphing calculators are required: TI-83+, TI-84 or other appropriate graphing calculator (at student's expense). This course is taught in a technology-infused, Problem-Based Learning (PBL) format. This course is only available to Academy of Global Studies students.

AP CALCULUS AB (241)

Grades: 11-12

Length: 1 year

Credit: 1 (1.0 weight)

Pre-requisites: A or B in Pre-Calculus, Teacher Recommendation

AP Calculus AB is similar to Calculus, with the addition of a requirement to take the Calculus AB Advanced Placement (AP) Examination. Instruction and pacing will be dictated solely by the AP Exam. All students enrolled in Advanced Placement classes understand that the purpose of the course is to prepare them for passing the Advanced Placement test. All students enrolled in AP Calculus AB must take the AP Calculus AB examination in May (at student-paid expense of approximately \$91).

AP CALCULUS BC (238)

Grades: 12

Length: 1 year

Credit: 1 (1.0 weight)

Pre-requisites: A or B in AP Calculus AB

AP Calculus BC is a continuation of AP Calculus AB. Like AP Calculus AB, students take the Calculus BC Advanced Placement (AP) Examination. Instruction and pacing will be dictated solely by the AP Exam. All students enrolled in Advanced Placement classes understand that the purpose of the course is to prepare them for passing the Advanced Placement test. All students enrolled in AP Calculus BC must take the AP Calculus BC examination in May (at student-paid expense of approximately \$91).

STATISTICS (242)

Grades: 11-12

Length: 1 year

Credit: 1

Pre-requisites: Algebra II

All students who intend to pursue mathematics, business, social science, or science fields of study in college will find the course beneficial for their futures. The topics will include: probability; data presentation and collection; measures of dispersion; central tendencies; the binomial and normal distributions; and regression models.

CP TRIGONOMETRY AND NON LINEAR FUNCTIONS (243)

Grades: 11-12

Length: 1 year

Credit: 1

Pre-requisites: Algebra II

Functions & Trigonometry is a college-preparatory course for students who want to continue their studies in mathematics beyond Algebra II with the possibility of taking Calculus in the future. The course is taught from a functions perspective using analytic, numeric, and graphical approaches with practical applications and the use of technology.

GREAT OAKS INSTITUTE OF TECHNOLOGY & CAREER DEVELOPMENT

The Great Oaks Institute of Technology and Career Development Centers provide a full range of opportunities in vocational education through programs at the four career development centers.

If a program has an opening, the student attends the Great Oaks campus nearest his/her home school. If there are no openings or if a specific program is not offered, the student may attend one of the other campuses. All students apply for admission through their home schools and receive their diploma from their participating school district.

A student may earn from six to seven credits per year depending upon the vocational program. The credits are broken down in the following manner:

Year I

Vocational Subject Labs		3 Credits
Math	1 Credits	
English 11	1 Credit	
Science	1 Credits	
U.S. History	1 Credit	

Year II

Vocational Subject Labs		3 Credits
Math	1 Credits	
English 12	1 Credit	
Science	1 Credit	
Government	1 Credit	

Maximum Credits available per year up to 7

Courses that are not available at the Scarlet Oaks campus are available to our students at other Great Oaks Joint Vocational campuses. Transportation is provided.

Upon successful completion of a vocational program, each student is awarded a certificate, which indicates the skills and competencies that have been acquired, along with a WWHS diploma (as long as all graduation requirements have been met). Students are able to begin a career in their field of preparation or continue their studies at a 2 or 4-year college.

Information regarding vocational programs offered by the Great Oaks Joint Vocational System is available in the Guidance Office.