



WILSON HIGH SCHOOL

PROGRAM

OF

STUDIES

2023-2024



WILSON SCHOOL DISTRICT

**Empowering our students
to create their own future.**

WILSON HIGH SCHOOL
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Administration:

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Matt Campbell, 12th Grade Assistant Principal

Scott Fairchild, 11th Grade Assistant Principal

TBD, 10th Grade Assistant Principal

Ramon Marquez, 9th Grade Assistant Principal

Joni Lefever, Director of Special Education

School Counselors:

Mark Greaves, Counselor for grades 10-12: Last names A – DE

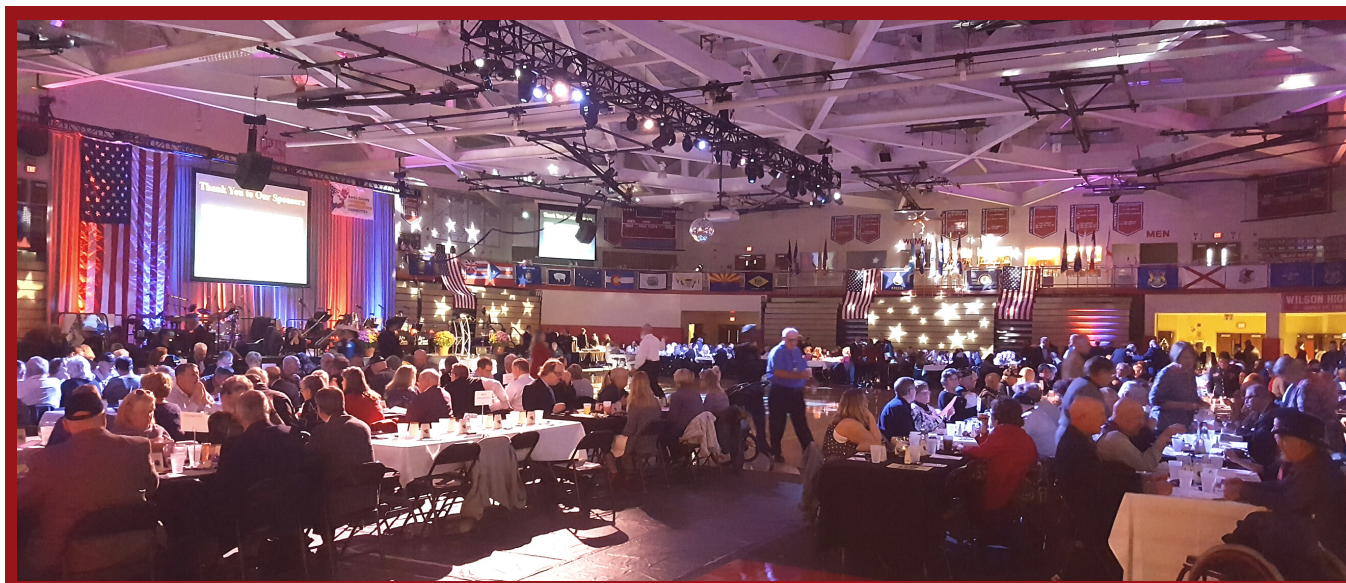
Julia Huang, Counselor for grades 10-12: Last names Df – Jd

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Dr. Francis Hutchko, 9th Grade School Counselor



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WELCOME



Purpose of the Program of Studies

The purpose of the Program of Studies is to provide students, guardians and staff with an understanding of guidelines, policies and expectations regarding the courses offered by Wilson High School and the procedures related to scheduling of courses.

The high school curriculum represented in this guide is prepared by the high school staff and is approved by the Wilson School District Board of Directors.

Discrepancies

The development of board policy and administrative guidelines is a continually on-going process due to changing laws and the desire to more effectively run the school system.

In the case of a discrepancy between a Board policy or a revised administrative guideline and the published provisions within this guide, the policy/guideline most recently adopted or revised shall prevail.

Changes to the Program of Studies

The Wilson School District reserves the right to alter the requirements and offerings as printed when deemed to be the result of sound educational planning or when the results are based on changes in federal, state, or local regulations.

Changes that are made will be conveyed to students via an addendum sheet to this guide, and/or relayed by school staff via information meetings and/or announcements.

Importance of the Course Selection Process

Planning your educational program is a serious responsibility. The subjects that you choose to study in high school today will greatly influence your future life.

This guide is designed to assist in planning your secondary school program. It is intended to provide sufficient information so that students and guardians may play a major role in this planning.

In selecting your courses of study, give careful thought to future educational and career goals, past academic achievement, and your abilities, aptitudes and interests.

Daniel Weber, Ed.D.
HIGH SCHOOL PRINCIPAL



www.wilsonsd.org

CORE VALUES

Wilson School District Core Values

Wilson is a School District that is renowned for excellence as a result of our dedication to these values: Integrity, Innovation, Respect, Trust, and Collaboration.



Guiding Principles

Our goal is to provide the best education for every child. Our work is guided by the following principles:

- Equitable opportunity to develop, deliver and participate in the board-adopted curriculum, co-curricular and extra-curricular programs.
- A nurturing environment, infused with technology, that supports purposeful efforts to help all students develop a life-long love of learning, a sense of identity and community, and to be good citizens.
- The ability to grow as critical problem solvers, creative thinkers, collaborators, and to communicate their ideas and solutions through a variety of traditional means and digital media.
- Opportunities to teach and study in developmentally-appropriate spaces that reflect where students will work and learn after graduation.
- The tools to utilize traditional, blended and fully online instructional strategies to deliver the educational program, help our students develop appropriate social skills, become college and career ready, and understand the world in which they live.
- The ability to advance through the curriculum based on readiness and not access to physical spaces, the location of resources, or traditional school day/calendar.
- To ensure equity and developmental opportunities to explore the visual and performing arts, languages and cultures other than their own, technology, and family and consumer science.
- Developmentally appropriate opportunities to learn about and maintain their health and wellness.



VISION & MISSION

Our Mission is to engage students in an inquiry based curriculum that fosters the problem-solving and communication skills needed to actively participate as both citizens of a democratic society and a dynamic global community.

”

**All dreams can
come true if you
have the courage
to pursue them.**

~Walt Disney



GRADUATION REQUIREMENTS

Attainment of Academic Standards

According to Wilson School District graduation policy (#217), besides the completion of the grades nine through twelve instructional programs, the students graduating in 2022 and thereafter, must demonstrate the attainment of academic standards as outlined by [ACT 158](#).

Credit Requirements for Sophomore Status

In order to be recognized as a sophomore, students must have accrued at least 4 credits by the end of summer school prior to their sophomore year. If the student has not accrued the credits specified above, student will be designated as a freshman.

Credit Requirements for Junior Status

In order to be recognized as a junior, students must have accrued at least 10 credits by the end of summer school prior to their junior year. If the student has not accrued the credits specified above, student will be designated as a sophomore.

Credit Requirements for Senior Status

In order to be recognized as a senior and placed in the senior class, students must have accrued at least 15 credits by the end of summer school prior to their senior year.

If the student has not accrued the credits specified above, student will be designated as a junior.

Transfer Students

The requirements will remain the same for graduation for any student who transfers into the district regardless of their grade.

Keystone End of Course Exams

The Keystone Exams are end-of-course assessments designed to assess proficiency in the subject areas of Algebra I, Literature, and Biology.

- Students will be required to take the Algebra I, Biology, and Literature Keystone exams if they are currently enrolled in these classes.
- The exams are comprised of two (2) modules one Multiple-Choice (MC) and one Constructed-Response (CR) items.
- Students are required to achieve proficiency on all Keystone exams. If a student does not meet proficiency they may be required to take a remediation course(s) or explore alternative pathways for graduation as outlined by [ACT 158](#).

Summer School Eligibility

A student who has failed a course in Math, English, Science, and /or Social Studies, but attained a year-long average of at least 50% in the course is eligible to make up the credit during a summer school program held at Wilson High School or through Wilson Virtual Academy at the student's expense. Students attaining this required average will have a grade of 60% and summer school designated and recorded on their transcripts.

CREDITS REQUIRED TO GRADUATE

CONTENT AREA	CREDITS
English	4.0
Social Studies	3.0
Math	3.0*
Science	3.0
Physical Education (Fitness)	0.5
Health	0.5
Electives (Personal Finance required 0.5 credits)	7.0*

* Math (Algebra I, Algebra II, & Geometry) and World Language Electives from the 8th grade may be carried for credit and grade.

DUAL ENROLLMENT

Wilson has concurrent (dual) enrollment agreements with several post-secondary institutions: Albright College, Alvernia University, and Reading Area Community College. The district also has an early enrollment agreement with PSU Berks. These agreements allow students to enroll in a specified course at one of these schools and, provided the student is accepted, earn one Wilson credit and three or more college credits simultaneously by completing the course exemption sheet.

The student must provide their own transportation, but the tuition fees may be reduced by the college and/or be subsidized by Pennsylvania Department of Education grant money. Students interested in this option should discuss details with their counselors when scheduling courses for the following year. The transfer of these credits will be determined by the student's post-secondary institution.



[Alvernia University
Early Enrollment
\(Click Here\)](#)



[RACC Dual Enrollment
\(Click Here\)](#)

[RACC Early Admission
\(Click Here\)](#)

[RACC Tuition
\(Click Here\)](#)

[RACC Dual Enrollment
Application \(Click Here\)](#)

[RACC Student Handbook
\(Click Here\)](#)

[RACC Transcript Request
\(Click Here\)](#)

[RACC Transfer Services
\(Click Here\)](#)



[Albright College
Dual Enrollment
Information
\(Click Here\)](#)

[Albright College
Summer Options
\(Click Here\)](#)

EARLY GRADUATION

Application for Early Graduation Request Form

Student's Name (Please Print Legibly) _____

To apply for early graduation, a student must submit the following documentation: This form (with required parent/guardian signatures below) to the principal by June 1st, before their third year of high school.

A written request must be submitted to your counselor and should include the reason for early graduation, how graduation requirements will be met, and post-secondary plans. Transcript and school counselor's signature verifying that, after review of the student request and the transcript, the plan will allow the student to graduate early upon successful completion of all course work.

Student's Signature _____ Date: _____

Parent/Guardian's Signature _____ Date: _____

School Counselor's Signature _____ Date: _____

Principal's Signature _____ Date: _____

COLLEGE IN LIEU of SENIOR YEAR

College in Lieu of Senior Year Application Form

Upon successful completion of the Pennsylvania Department of Education graduation requirements and a minimum of twenty-four college/university credits, the student will be awarded a Wilson High School diploma. To access this privilege, a student must:

#1 Complete this Application with required signatures

#2 Be in good academic standing and on track to graduate

#3 Upon successful completion of 24 credit hours within 1st year of enrollment, present an official transcript to the principal for review in order to be awarded a high school diploma

Student's Name (Please Print Legibly) _____

School Counselor's Name _____

I hereby request to attend: _____

which is an accredited 2- or 4-year college, in lieu of my senior year at Wilson High School. If permission is granted, I understand that I must successfully complete at least 24 credit hours of non remedial coursework during the year and submit an official transcript to the principal for review and acceptance. All signatures below are required for this application to be considered complete. Principal and Superintendent signatures will constitute acceptance of request for Early Enrollment.

Student's Signature _____ Date: _____

Parent/Guardian's _____ Date: _____
Signature

School Counselor's Signature _____ Date: _____

Principal's Signature _____ Date: _____

Superintendent's Signature _____ Date: _____

WILSON VIRTUAL ACADEMY

The mission of Wilson Virtual Academy is to ensure that Wilson School District student needs can be met through the virtual experience provided in an on-line environment.

Your student's School Counselor, Principal, and Virtual Academy Coordinator work closely together to create either a full virtual schedule, or combine virtual courses with Wilson in-person classes (Wilson teacher/Wilson content) to create a hybrid schedule.

4th and 5th grade students will need to discuss the hybrid option with their building Principal. We make it an easy to transition in and out of the virtual environment! There's no cumbersome withdrawal and re enrollment processes to attend WVA. WVA remains committed to offering convenient and flexible learning opportunities at no additional cost to your family.



**Stay on Track.
Stay Involved.
Stay a Bulldog!**

**Gangi Cucciuffo , Director of Teaching
and Learning**

cucgan@wilsonsd.org
610-670-0180 ext. 1015

Stay on Track

Wilson Virtual Academy provides students with the flexibility to complete their coursework on their own schedule. WVA uses PA Common Core content through BVA using their highly qualified PA certified teachers.

Does your student require special education services? Is your high school student looking to attend Berks Career and Technology Center or enroll in AP courses? Not to worry! Wilson Virtual Academy offers these options and more!

Students who enroll in WVA can have a customized schedule created to address these needs.

Stay Involved

Your student can go virtual and still take advantage of everything the district has to offer. We understand that participating in sports, clubs, and other extracurricular activities is an important part of the educational experience. Students who choose to move to a completely virtual learning experience can stay involved in Wilson School District's expansive extracurricular program!

Stay a Bulldog

WVA students can be a member of Wilson's competitive sports teams, participate in one of the best music and theater programs in Pennsylvania or compete in academic challenges. Best of all – graduates of WVA receive a Wilson diploma.

An Individualized Program with a Team Approach



The BVA teachers work closely with the WVA Coordinator to provide the best course schedule for each student.

WVA uses highly qualified PA certified teachers from our course vendor, BVA (grades 4-12) or combine those with Wilson in-person learning content to create the best of both worlds.



- What's included in the Wilson Virtual Academy Program?
- Challenging and engaging curriculum available at no additional cost to your family for your full time student, some exceptions may apply (see FAQ's).
- Flexible learning options to meet your student's needs with no need to commit for an entire year (semester-long commitment is required and a trimester for our elementary students).
- Use of school district technology, prompt technology support, and assistance with internet if needed.
- Access to a team of highly qualified teachers, course vendor, and school district liaison / mentor committed to your student's success.



Wilson Virtual Academy FAQs

What resources are available to help me in my role as the parent/guardian?

The [Students and Guardians Webpage](#) has links to materials to help you help your student.

Does a virtual student get a laptop?

Yes– a district-issued Chromebook will be provided and the WSD Acceptable Use Policy is still in place for a WVA student.

Will grab and go lunches be available for a virtual student?

Students attending school are permitted to receive lunch.

Can a virtual student transfer back into the brick and mortar school?

We would like virtual students in grades 6-12 to commit to one semester (mid January) since BVA courses are divided into semesters. For students in grades K-5 we would like a commitment to one trimester (mid November). A student can drop an Edgenuity course up to 15 days after enrollment, after that time frame, a student will need to stay in the course through the end of the semester/trimester.

What resources are available to students with an IEP?

All special education and related services will be available to students with IEPs, however those supports may look different than they have in the past, with a combination of virtual meetings, teletherapy, and/or in person appointments as determined by the IEP team.

How will a student be supported and receive Free Appropriate Public Education (FAPE)?

If the virtual option is selected as the mode for instruction, the IEP team will need to review the supports and services required as part of the IEP and determine how to best meet those needs through a combination of virtual or in-person services.

How will a GIEP student be supported?

Students receiving support through a GIEP would still be able to receive supports as designed by the GIEP team either virtually or in person.

Will the school provide technology/WiFi for students in virtual?

If Wi-Fi is needed, please contact your student's home building.

Is there a deadline to enroll my student?

We are asking for a commitment prior to the start of the school year so we can get your student enrolled.

Will there be a training class for guardians/parents on the technology and software?

There will be communications provided to the students regarding how to access the content which they can share with their guardians/parents.



What does a typical day look like for a virtual student?

Full time virtual students in grades 6-12 will have the following: 6 credits for 9th and 10th grade, at least 5 credits for 11th grade, and at least 4 credits for seniors. Each course should take approximately 60 minutes per subject per weekday. K-5 students will have their 4 cores and one special, if wanted. A time commitment of approximately 3 hours per day is optimal. K-5 students will be given one elementary teacher for all 4 core subjects just like a typical classroom. Secondary students will have content specialists.

What part is independent work vs in person instruction?

Content delivered through the BVA platform is all asynchronous. A student can reach out to their teacher for 1:1 support. BVA teachers are highly qualified, PA certified instructors and the content follows PA Common Core guidelines.

Will virtual students be able to move ahead in their courses?

Certainly.

Must the virtual student log in at a certain time each day?

No. The content is available 24/7.

Can a parent/guardian go in after they get home from work to check on work completed?

Parents/Guardians may sign up for Parent Portal access and be emailed a progress report on a daily basis.

What is the cost for students to attend WVA?

Students can take up to 7 online courses at no cost to the family as a full time student. If a student needs Credit Recovery, there is a cost if a student wants to take an accelerated course or an additional 8th course.

How do I register my student for WVA?

An email to your school counselor will start the process. Counselors need to make sure the courses are aligned with their graduation path. K-5 guardians need to contact their home building office to start the process.

How is attendance taken for a student in the Wilson Virtual Academy?

A full time student is REQUIRED to log in 5 days a week for the minimum of 3 hours per day AND must show completion of work. K-5 students are required to log in a minimum of one hour per weekday. Attendance will be entered into Skyward including a Doctor's note, if necessary.

Does a WVA student follow Wilson's school calendar?

Yes, a WVA student is required to log in on each day school is in session.

Is a WVA student required to take state-mandated assessments?

Yes, the student will report to their home building to take the exams.

EXEMPTING A COURSE



In order to exempt a course, the [Alternative Credit Form](#) must be completed prior to approval. It is imperative that this document is completed prior to signing up or commencing with the course. Please see your school counselor for any questions or assistance needed.

Exempting a Course by Online Course

Purpose: To move students ahead of the district-adopted sequence of courses in a particular academic subject through an online, non-Wilson course.

Guidelines:

- Request for an online course must be initiated by guardian and student in writing to the principal.
- Any costs of the online course are to be funded by the student and/or guardian(s), which may include the cost of assembling materials, and/or administering and scoring the exams.
- An online course must be done by a subject-certified teacher and an approved/accredited online course provider.
- The grade achieved is not included in the GPA. It is the responsibility of the students and guardian to provide the Wilson School District with grade and transcript information from the online provider along with contact information to verify achievement scores.
- Courses completed through credit-by-exam may not be used to satisfy core-course requirements for NCAA Eligibility Center.

Exempting a Course by Private Tutoring

Purpose: To move students ahead of the district-adopted sequence of courses in a particular academic subject through an online, non-Wilson course.

Guidelines:

- Request for tutoring must be initiated by guardian and student in writing to the principal.
- Any costs are to be funded by the student and/or guardians, which may include the cost of assembling materials, and administering and scoring the exams.
- Tutoring is to be done by a subject-certified teacher.
- Thirty hours of tutoring is recommended to ensure total mastery of the subject matter.
- Tutoring is not to be scheduled for a course in which a student is presently enrolled.
- The student must take the district version of the mid-term and the final examination and achieve a score of 85% or better on both. The examinations may be taken no more than twice within a twelve-month period.
- The grade achieved is not included in the GPA.
- The mid-term and the final examination grades and equivalent credit will be recorded on the student's transcript as "P" for passing.
- Instructional materials will be provided by the Wilson School District. The appropriate department chair/supervisor will coordinate and finalize the process.
- Verification of the tutoring process, administration/scoring of mid-year and final examinations will be completed by the building principal or their designee.
- Administrative costs accrued will be paid by the student and/or guardian(s).
- Courses completed through credit-by-exam may not be used to satisfy core-course requirements for NCAA Eligibility Center.

EXEMPTING A COURSE

Exempting a Course by Remediation by Tutor

Purpose: To give a student who fails a course during the regular school year the opportunity to make up the course by being tutored.

Guidelines:

- Request for remediation by tutoring must be initiated by guardian(s) and student(s) in writing to the principal.
- Any costs are to be funded by the student and/or guardians, which may include the costs of assembling materials, administering, and scoring the exams.
- Tutoring is to be done by a properly certified teacher. A minimum of 15 hours of tutoring is required.
- After tutoring, the student must take the district version of the mid-term and the final examinations and achieve a score of 70% or better. The examinations may be taken no more than twice within a twelve-month period.
- An average score of 60% or better must be achieved when adding the mid-term and the final examination scores with the student's final average the first time the course was taken. The grade recorded on the transcript will be 60% as is the practice with summer school courses.
- The grade of 60% and equivalent credits will be recorded on the student's transcript.
- The grade achieved is included in the GPA. Instructional materials will be provided by the Wilson School District. The appropriate department head/ supervisor will coordinate and finalize the process.
- Verification of the tutoring process, administration/scoring of mid-term and final examinations will be completed by the building principal or their designee.
- Administrative costs accrued will be paid by the student and/or guardian(s).

Exempting a Course by Exam

Purpose: To allow a student to exempt a particular course because of an existing knowledge base.

Guidelines:

- Request to exempt a course by exam is to be initiated by guardian(s) and student, in writing, to the principal; the letter must state the reason exemption is being requested. Exemption by exam must be requested prior to the start of the course. Permission to exempt a course by exam is granted at the principal's discretion.
- Any costs are to be funded by the student and/or guardian(s), which may include the costs of assembling materials, and administering and scoring the exams.
- The student must take the district version of the mid-term and the final examinations and achieve a score of 85% or better. The examinations may be taken no more than twice within a twelve-month period.
- No grade will be assigned or included in the GPA.
- The mid-term and the final examination grades and equivalent credit will be recorded on the transcript as "P" for passing.
- The mid-year and final examinations dates and administration/scoring will be completed by the building principal or their designee.
- Courses completed through credit-by-exam may not be used to satisfy core-course requirements for NCAA Eligibility Center.
- Students taking a course by independent study must follow the curriculum established by the teacher and the Wilson School District. In addition, they must complete the course's mid-term and final assessments as established by the teacher and the Wilson School District.

Alternative Credit Form
(Click Here)

EXEMPTING A COURSE

(Continued)

Guidelines for High School Students participating in Post-Secondary Education

(College, University, Trade/Tech School)

Students who wish to enroll in a class or attend classes on a part-time basis at a local college, university, or trade/tech school should follow the following procedures:

1. Submit a written request to the principal, co-signed by the guardian and the student at least 30 days prior to the student starting such a class or classes. The principal will confer with the assistant superintendent of student services before a final decision is made. Students must meet the criteria of the college or university for which they are applying. All decisions will be communicated in writing to the guardian(s) and student.
2. The request must list the course title, number of college credits, name of the college or university, a copy of the course syllabus, and evidence of admission to the college course.
3. If a student wishes to attend a college or university on a part-time basis, the student must be able to fulfill all the district's graduation requirements while maintaining at least part-time status as a high school student.
4. All college fees and tuition will be at the expense of the guardian(s) and/or student.
5. Transportation to and from the college, university, or trade school will be the responsibility of the guardian(s) and/or student.
6. All rules and regulations of the district still apply to the student while the student is enrolled at the high school.
7. College, university, or trade school grades will not be included in the calculation for class rank or final grade point average (GPA).
8. College, university, or trade school grades will not be included in calculations.
9. Earned college, university, or trade school credits will count toward the total credits required for graduation. Three college credits will equal 1.0 high school credit. College, university, or trade school transcripts will be attached to the high school transcript upon request at the time of submitting them to a college or trade school.
10. It is the student's responsibility to provide Wilson High School with their college transcript upon completion of college courses.
11. The counseling department will report to the Assistant Superintendent of Student Services the names of any students who are enrolled in college classes part-time during the school day in any given semester.



GRADING

INTERIM REPORTS/REPORT CARDS

Student grades will be available through our Skyward Online Grading System and sent home only by request to all guardian(s) at mid-semester period and the end of the semester. The interim report will state the student's current grade and may comment on their progress.

In addition, guardian(s) can check their students' grades by accessing the Skyward Online Grading System found on the district's website. The final report card for the year will be available online after the last day of school. Guardian(s) may sign up to receive automatic emails updating on their students' academic status everyday if they so choose.

MID-TERM & FINAL EXAM POLICIES

High school seniors are not exempt from mid-term exams but can be exempt from a final exam if they have achieved a 90% average in a course only if it is not a class requiring a Keystone exam. A grade average for a student exempt from taking a final exam will be calculated by averaging the two semester grades plus the mid-term grade. Raw scores will be used for this calculation.

The exception to the above procedures involves students enrolled in courses considered semester courses. A student is exempt at midterm if the student has achieved a 90%.

Requests to take mid-term or final exams before the scheduled date will not be granted. Allowing students to take exams prior to the scheduled date will compromise the integrity of the exam. Students who are absent from school and miss a mid-term must make arrangements with the teacher to make up the test.

HONOR ROLL CALCULATIONS

Honor roll will be calculated using the chart of weighted averages and credit value of the course, as seen on pages 15 & 16.

HIGH HONOR ROLL

In order for a student to achieve high honor roll status, the student must attain a grade average of at least 93% with no individual grade being lower than 85% in all subjects.

HONOR ROLL

In order for a student to achieve honor roll status, the student must attain a grade average of at least 85% with no individual grade being lower than 75% in all subjects.

ADVANCED PLACEMENT PROGRAM

The College Board's Advanced Placement (AP) program is an opportunity for students to pursue college-level studies while still in high school. Through this program, they may earn credit, advanced placement, or both for college. By challenging and stimulating students, the AP Program provides access to high quality education, accelerates learning, rewards achievement, and enhances both high school and college programs.

Wilson High School is committed to the Advanced Placement Program. Wilson teachers are well prepared to teach Advanced Placement courses, having attended summer courses that prepared them for teaching specific subject areas.

AP exams are an integral part of an AP course. The exam grade provides an important payoff to students in terms of college credit and advanced placement. Exam results from all AP students also give AP teachers and administrators important feedback on the strengths and weaknesses of their courses.

We believe that true college preparatory students should challenge themselves with at least one AP course during high school. It is important to note, however, that the raw score, not the weighted score, appears on the student's report card and transcript. Weighting is configured into the student's GPA at the end of every year, and the student's GPA appears on the report card at the end of the year. Weighting of the course takes place for all students and is not dependent on taking the AP exam.

CLASS RANK

For the purposes of class ranking, which begins in the student's 9th grade year, each student receives an overall numeric average which includes all courses attempted.

Class rank is only recalculated after a final grade has been submitted at the end of the school year. Wilson High School does include transfer courses into a student's GPA and class rank.

LATIN HONOR DESIGNATION

Students will be recognized based upon their cumulative GPA in the following fashion:

4.00	Summa Cum Laude
3.75-3.999	Magna Cum Laude
3.50-3.749	Cum Laude

WEIGHTED GPA

The 4.0 grading scale is for weighted courses only. To calculate weighted GPA, you must divide GPA credits by GPA points. Thus, this scale will not be an equivalent for overall GPA due to the various weighting assigned to courses (AP, Honors, and CP courses).

The numeric average for class rank is adjusted for weighted courses (honors and AP) as follows on the next page.



CLASS RANK (Con't.)

NUMERIC AVERAGE FOR CLASS RANK

Raw Score	Honors 1.1	AP 1.17
100	110.00	117.00
99	108.90	115.83
98	107.80	114.66
97	106.70	113.49
96	105.60	112.32
95	104.50	111.15
94	103.40	109.98
93	102.30	108.81
92	101.20	107.64
91	100.10	106.47
90	99.00	105.30
89	97.90	104.13
88	96.80	102.96
87	95.70	101.79
86	94.60	100.62
85	93.50	99.45
84	92.40	98.28
83	91.30	97.11
82	90.20	95.94
81	89.10	94.77
80	88.00	93.60
79	86.90	92.43

Raw Score	Honors 1.1	AP 1.17
78	85.80	91.26
77	84.70	90.09
76	83.60	88.92
75	82.50	87.75
74	81.40	86.58
73	80.30	85.41
72	79.20	84.24
71	78.10	83.07
70	77.00	81.90
69	75.90	80.73
68	74.80	79.56
67	73.70	78.39
66	72.60	77.22
65	71.50	76.05
64	70.40	74.88
63	69.30	73.71
62	68.20	72.54
61	67.10	71.37
60	66.00	70.20

Weighting continues for
grades below 60%

Percentage	4.0 Scale	Percentage	4.0 Scale
117	5.0000	78	2.6000
116	4.9204	77	2.5250
115	4.8570	76	2.4500
114	4.7856	75	2.3750
113	4.7142	74	2.3000
112	4.6428	73	2.2250
111	4.5714	72	2.1500
110	4.5000	71	2.0750
109	4.4500	70	2.0000
108	4.4000	69	1.9000
107	4.3500	68	1.8000
106	4.3000	67	1.7000
105	4.2500	66	1.6000
104	4.2000	65	1.5000
103	4.1500	64	1.4000
102	4.1000	63	1.3000
101	4.0500	62	1.2000
100	4.0000	61	1.1000
99	3.9500	60	1.0000
98	3.9000	59	0.9500
97	3.8500	58	0.9000
96	3.8000	57	0.8500
95	3.7500	56	0.8000
94	3.7000	55	0.7500
93	3.6500	54	0.7000
92	3.6000	53	0.6500
91	3.5500	52	0.6000
90	3.5000	51	0.5500
89	3.4250	50	0.5000
88	3.3500	49	0.4500
87	3.2750	48	0.4000
86	3.2000	47	0.3500
85	3.1250	46	0.3000
84	3.0500	45	0.2500
83	2.9750	44	0.2000
82	2.9000	40	0.1500
81	2.8250	42	0.1000
80	2.7500	41	0.0500
79	2.6850	40	0.0000

EXTRACURRICULAR ACTIVITIES ELIGIBILITY POLICY

Extracurricular Activities Eligibility Policy

If a student fails one or more major subjects, the student will be required to attend tutoring sessions at least two days per week until passing grades are achieved.

As long as the student is attending the minimum number of tutoring sessions required per week, the student may participate in contests or performances. If the number of subjects failed during any given week reaches three, the student is automatically ineligible to participate until passing grades are achieved.

In all cases where a student must attend tutoring sessions, the student is required to attend a minimum of two days per week until passing grades are achieved or the student will be ineligible to participate in the week's contest, performance, or activity.

NCAA RULES & REGULATIONS

NCAA Registration Information

The NCAA strongly suggests that prospective student-athletes who plan to participate in intercollegiate athletics at an NCAA Division I or II institution use the new online registration rather than complete the paper form.

To register, prospective student-athletes should access the registration materials by visiting the new NCAA Eligibility Center web site at www.eligibilitycenter.org.

Students should register online no sooner than August before their senior year. Students must request transcripts from the counseling office. SAT and ACT scores must be sent directly from the testing center to the NCAA. The NCAA does not accept these scores from the high school transcript.

NCAA Eligibility Information
(Click Here)

NCAA RULES & REGULATIONS

NCAA DIVISION I ACADEMIC ELIGIBILITY

1. Graduate from high school.
2. Successfully complete a core curriculum of at least 16 academic courses in the following areas:
 - a. at least four years in English
 - b. three years in math (Algebra I or higher)
 - c. two years in Social Science
 - d. two years in a Science
 - e. one additional course in English, Math, or Science
 - f. four additional academic courses
 - g. courses completed through credit-by-exam may not be used to satisfy core-course requirements.
3. Have a GPA and combined scores on the SAT verbal and math sections or a sum score on the ACT. (Currently Suspended)
4. Complete the amateurism questionnaire and request final amateurism certification. ACT based on the qualifier index scale, as seen on the www.eligibilitycenter.org website.

NCAA DIVISION II ACADEMIC ELIGIBILITY

In order to be considered a “qualifier” of a Division II college, a student must graduate from high school and have a GPA of 2.0 on a 4.0 scale in a successfully completed core curriculum of at least 16 academic courses .

In addition, a student must have a combined score on the SAT math and verbal sections of 820 or a 68 sum score on the ACT. In order to be considered a “partial qualifier,” a student must graduate from high school and meet one of the two requirements listed above, complete the amateurism questionnaire and request final amateurism certification. (Currently Suspended)

If you have specific questions involving your student, or would like more detailed information, please contact the counseling office.

COURSE SELECTION

The interest, effort, and work ethic of the student all have a significant bearing on academic performance. In classes such as English, Mathematics, Social Studies, Science, and World Languages, students will be assigned to the class in which the professional staff feels they can best succeed and maximize their potential.

All students have the opportunity to select courses based on individual abilities, interests, talents, and career goals. The counseling department and the administration reserve the right to change a student's schedule based on the student's past academic performance and standardized testing results in order to accommodate the needs of the student body.

NOTE: Course offerings are always subject to enrollment number and board approval of the school budget.



Teachers will submit their recommendations through Skyward.



Students select their courses through Skyward. Generally speaking, courses may be taken only one year for credit. Exceptions are noted.



Each student will be expected to maintain a minimum number of credits per year depending on their grade level.



Guardian(s) and students are encouraged to discuss course selections prior to the students scheduling courses with their counselors.



Counselors will meet with students to review course selection, course prerequisites, course load, graduation requirements, and students' career educational goals.



Scheduling conflicts may prohibit placement in electives. Counselors will ask students to identify an alternate elective which will be substituted for a conflicting course. Students have the ability to enter alternative electives during the scheduling process.



Requests for changes in course selection must be made during the "drop/add" time frame and will be based upon course availability. The completed course request represents final course selection and requests for changes will not be honored except as outlined in the next section.

HONORS & AP COURSE CRITERIA

Enrollment in all Honors and Advanced Placement courses will be based upon the recommendation of the student's current teacher in the same subject area. If a student is not recommended by the area teacher to take an Honors or Advanced Placement course, they may still enroll in the desired course, with the following stipulations:

#1

The student and parent(s)/guardian(s) must sign a waiver form (available from the student's counselor) acknowledging that the course is being taken without the endorsement of the school. By signing the waiver, the student promises to complete the required summer assignments and remain committed to the Honors or Advanced Placement course for the entire school year (see Schedule Change Procedures).

#2

Students who enroll in Honors or Advanced Placement courses which require completion of summer assignments, and who fail to complete those assignments, may be dropped from the course.

#3

Many Advanced Placement courses require summer assignments to be completed. It is the responsibility of the student to seek out all summer assignments, adhere to all deadlines, and complete work as assigned.

#4

When a student is moved from an honors or an AP course to a CP course, the course weighting will not follow. Course weighting is only awarded at the completion of the course with earned credit.



SCHEDULE CHANGES

Whatever you are,
be a good one.

~Abraham Lincoln

Courses Requiring Summer Assignments

Many Advanced Placement and Honors courses require summer work. Please see the high school website for specific course requirements and/or contact your counselor for more information. It is the students' responsibility to seek out all Advanced Placement and Honors summer assignments.

Schedule Change Procedures

We expect students to retain the courses they selected with the advice and consent of their guardian(s), teacher(s), and counselor(s). There are, however, circumstances which arise that necessitate a change in the course selected. When valid reason is presented and the principal or assistant principal, teacher, counselor, guardian, and student agree, adjustments may be made.

Grading Policy With Regard to Schedule Changes

Students withdrawing from a course with guardian, teacher, and grade level principal approval, will transfer the grade to the new course, except in the case of transferring to an AP or Honors course. In this case, students will have the completed course reflected on the transcript. When a student is moved from an honors or an AP course to a lower level course, the course weighting will not follow. Course weighting is only awarded at the completion of the course with earned credit.

[Course Deviation Form
\(Click Here\)](#)

[Summer Add/Drop Interval
\(Click Here\)](#)

VALID REASONS FOR SCHEDULE CHANGES

Valid Reasons for Schedule Changes

1. Scheduling error – The counselors will make these changes as soon as possible at the beginning of the school year.
2. Resolution of insufficient credits for graduation – The counselors will make these changes as soon as possible during the summer or at the beginning of the school year.
3. In the case of English, Math, Science, Social Studies, and World Language courses, the following guidelines will apply:
 - a. If the student is not meeting success at the level of understanding that the course requires, the counselor will make the change only after:
 1. A student meets with a counselor to obtain a Course Change Request Form.
 2. The student is then responsible to gather information using the guidelines provided on this form for the class change procedure.
 - b. This information includes:
 1. A written request and reason for the class change from the student and written approval from a guardian.
 2. Written notification from the teacher documenting the student's efforts to pass the course (these efforts must include homework completion, test retakes, and after-school tutoring), as well as the teacher's recommendation for the change.
 3. Written approval for the change from the principal or grade level principal will be the final requirement above all other requirements.

In order to preserve the continuity of the student's education, multiple schedule change requests will not be granted.

Electives can be added only if they meet during the same period as the elective to be dropped.

Requests for teacher switches, period switches, and/or lunch period switches will not be granted.

WILSON ACADEMIES

The Wilson High School Academy & Internship Program: Pathways to the Future

In partnership with our community, guardian(s), staff, and students, Wilson High School identified five critical areas of academia that will promote growth through inquiry and career exploration. The five Academies are an opportunity for students to explore a wide variety of course offerings, engage in college-level research, and investigate possible career pathways in a 21st Century learning environment. Each academy is comprised of several focused pathways. Each pathway culminates during a student's senior year with an individualized capstone course or internship and portfolio presentation.



Advanced Placement Capstone Academy



Berks Career & Technology Center Academy



The Global Business & Financial Leadership Academy



Science, Technology, Engineering, & Mathematics Academy



Visual & Performing Arts Academy



Honors Internship Program



Empowering our students
to create their own future



Official Guide: WILSON HIGH SCHOOL Course Offerings

The information contained in this brochure is current as of the time of publication. Information is subject to change. Please contact your School Counselor for the most current information.

ART

Drawing 1

Course ID: 1770 Do you like to draw? Do you wish your drawing skills were more developed? This course starts off working with line, builds up to shading, and then we explore color. We work with pen, pencil, ink, charcoal, pastels, and anything else you can draw with. This course will teach you how to observe closely and to see as an artist. A weekly journal is required for this class and all grade levels are welcome.

Credits: 0.5
Length: Semester course
paired with Painting I
Grades: 9-12

Painting 1

Course ID: 1771 This course begins with the exploration of color mixing including tints and shades then we add in all the colors! Students will paint on paper, canvas board, and canvas exploring with watercolor, acrylic and also pastels. Our subject matter covers realism, abstraction and communication with color and images. A journal is required for this class and all grade levels are welcome.

Credits: 0.5
Length: Semester course
paired with Drawing I
Grades: 9-12

Drawing II (Pre-requisite: Drawing I): Honors

Course ID: 1782 All art has meaning and this course will help you to examine and understand how to convey meaning in your own work. You will stretch your observation skills and refine your individual techniques. You will begin to interpret objects creatively and are expected to solve visual assignments in more than one way. A journal is required for this class. **This course is a dual enrollment option for students interested in earning college credit while completing the course.**

Credits: 0.5
Length: Semester course
paired with Painting II
Grades: 10-12

Painting II (Pre-requisite: Painting I): Honors

Course ID: 1786 Continue your exploration of painting by delving into personal expression. Students will paint with watercolor, acrylic, and be introduced to oil paints on a variety of surfaces such as cardboard, paper, and canvas. The opportunity exists for students to stretch their own canvases and work in a large format. You will explore different styles of painting as you begin to develop your own unique signature. Expression of emotion and use of imagination are part of building your painting skills. A journal is required for this course. **This course is a dual enrollment option for students interested in earning college credit while completing the course.**

Credits: 0.5
Length: Semester course
paired with Drawing II
Grades: 10-12

Drawing III: (Pre-requisite: Drawing II): Honors

Course ID: 1783 Are you looking to build your portfolio? Colleges look for portfolios that have a diverse collection of work, such as portraits, still-life, figure drawings as well as an understanding of a variety of techniques and media. We will continue to explore the meaning of art and explore art mediums to develop your own personal style. You will refine your drawing skills through the use of various media. Projects will be linked to global events that are happening in today's society. You will also create from observation and explore your own imagination to help develop your creativity. A sketch journal is required for this class and you will develop a digital portfolio to keep a record of your progress and also display your work.

Credits: 0.5
Length: Semester course
paired with Painting III
Grades: 11-12

Painting III (Pre-requisite: Painting II): Honors

Course ID: 1787 In this class we will continue to explore and experiment with oil, acrylic, and watercolor and paint on a variety of surfaces. You will stretch your own canvases and begin to paint on a large scale. You will be encouraged to explore different mark making techniques to help you develop and build your own individual style as well as incorporating the styles and techniques of famous painters. A sketch journal is required for this class and you will continue to add to your digital portfolio to keep a record of your progress and also display your work.

Credits: 0.5
Length: Semester course
paired with Drawing III
Grades: 11-12

ART

Paper Crafts

Course ID: 1758
Paper has been used for centuries and in a variety of ways. This course explores many uses of this interesting material. We will make paper, create different handmade books, learn how to bind a book, write with calligraphy pens, marble end papers, design paper jewelry, learn quilling, cut kirigami, recycle newspapers to make bowls, assemble pop-up cards, and more. Good craftsmanship (workmanship) is important when working with your hands. This class requires good fine motor skills.

Credits: 0.5
Length: Semester course
paired with Traditional Crafts
Grades: 9-12

Traditional Global Crafts

Course ID: 1757
A craft is not only beautiful but also useful. Traditional crafts are created throughout the world by many talented people other than classically trained artists. A central component to crafts is working with one's hands to create a decorative and functional works of art. This class surveys crafts from around the globe, including macrame, clay, fibers, printmaking, paper cutting, and sculpture.

Credits: 0.5
Length: Semester course
paired with Paper Crafts
Grades: 9-12

Sculpture

Course ID: 1765
Do you like to build things or work with your hands? If you enjoy working with wire, plaster, cardboard, and found objects, then this course is for you. This course concentrates on developing technical skills as well as artistic appreciation and understanding of successful three-dimensional artwork. Studio projects will be linked to the discussion of art historical topics and/or the applications of sculpture in modern societies. You will use a variety of methods, including assemblage, carving, and modeling. Weekly sketchbook assignments are required in this course.

Credits: 0.5
Length: Semester course
paired with Ceramics
Grades: 9-12

Ceramics

Course ID: 1766
Do you want to learn how to hand build with clay? Ceramics is designed for the beginner through the advanced art student. You will explore the many uses of clay, from the simple handmade forms of early cultures to the extremely varied applications of clay in today's society. Ceramics will increase your understanding and application of the elements and principles of design, knowledge of specific artists, and the functionality of clay throughout history. You will have the opportunity for creative expression through the use of your imagination and acquired skills. Teacher demonstrations will be provided showing a variety of ceramic hand-building techniques such as slab, coiling, and sculpting with clay. A variety of glazing techniques will be shown. Weekly sketchbook assignments are required in this course.

Credits: 0.5
Length: Semester course
paired with Sculpture
Grades: 9-12

Advanced Ceramics (Pre-requisite: Ceramics)

Course ID: 1785
This course is open to any student who has successfully completed the ceramics course. In this course, students will continue to explore various ceramic construction techniques, such as hand-building with slabs and coils and sculpting. A great deal of time will be spent learning how to throw on a potter's wheel. Various glazing techniques will be explored. Students will learn how to reclaim clay, create slip, mix glazes, experiment with alternative firing techniques, and how to load and unload a kiln. Weekly sketchbook assignments are required for this class and you will build a digital portfolio to keep a record of your progress and also display your work.

Credits: 1
Length: Full Year
Grades: 10-12

ART

Art History AP

Course ID: 1790 This course is designed to provide an understanding and appreciation of architecture, sculpture, painting, and other art forms within historical and cultural contexts from a global perspective. Students will study 250 College Board required works of art in-depth from prehistory to contemporary culture which are divided in ten content areas. The students examine major forms of artistic expression from the past to the present from a variety of global cultures and will know the form, function, content, and context of these 250 works. Students learn to look at works of art critically, intelligently, and sensitively, and to analyze what they see. A field trip to the Philadelphia Museum of Art and/or the Barnes Foundation is part of the curriculum. Many colleges and universities offer advanced placement and/or credit to students who have performed successfully on the AP Art History Examination.

Credits: 1
Length: Full Year
Grades: 10-12

Art and Design-AP (Pre-requisite Drawing II & Painting II)

Course ID: 1781 Students registering for this course select a concentration in drawing, 2D design, or 3D design. Whichever area is chosen, the creation of portfolio is required. Each portfolio consists of three sections: quality, concentration, and breadth of work. Exact deadlines must be met throughout the school year in order to fulfill the requirements of this advanced course. Possible awarding of college credit is based on presentation of the actual portfolio or through submission of slides for the 3D segment. Five summer assignments must be completed by the first day of school. These assignments will be available on the district website.

Credits: 1
Length: Full Year
Grades: 11-12

Digital Arts I (Pre-requisite: Drawing I)

Course ID: 1777 Do you enjoy art AND technology? Are you interested in taking your artwork into the digital world? We will review and expand your skills using the principles of Art and Design beginning with pencil and paper. Then we will use this knowledge to create artwork with various programs on the computer. You will learn to use the Wacom tablet with the Adobe suite, Corell and Sketchbook programs. Possible projects include creating comics, illustrations, logo and/or concert poster, short animations and more. A weekly sketchbook assignment is required for this course in order to improve your observation and drawing skills.

Credits: 1
Length: Full Year
Grades: 10-12

Digital Arts II (Pre-requisite: Digital Arts I) (Not Running 23-24 School Year)

Course ID: 1778 The fundamental and unique principles of three-dimensional art are analyzed in a variety of constructive experiences. Concepts of space, movement, mass, volume, and the qualities of materials are explored within an enduring ideas framework, connecting the art-making to issues and experiences found in our world throughout time and across cultures. Constructive materials may include clay, cardboard, paper, paper-mache, wire, plaster, and found objects. Sketchbook assignments will be given bi-weekly to build upon skills and concepts that the students are learning in class. Written responses will be incorporated into the lessons as well. This class is ideal for students who like to build and construct as well as investigate new ways to create three-dimensional art.

Credits: 1
Length: Full Year
Grades: 10-12

Art Murals A&B (Pre-requisite: Drawing I & Painting I)

Course ID: 1710 & 1712 Who wants to paint a wall? Students will learn all aspects of Project Management as well as enjoy painting while adding to the beauty of the school. The class will work as a team and meet with "clients," learn how to scale space, create designs, prepare proposals and execute the chosen work (paint or mosaic). Some of the spaces can include empty locker spaces, teachers' walls, shared space throughout the school, etc. When the weather allows, we will work outside. While similar in format, Part A and B are two different semester courses and can be taken independently of one another. Students earn 0.5 credits for successful completion of each course.

Credits: 0.5
Length: Semester (A in Fall, B in Spring)
Grades: 10-12

BERKS CAREER AND TECHNOLOGY CENTER (BCTC)

Overview

BCTC provides high-quality technical education and career preparation to meet the needs of today's high school students and adults. The school serves 16 public school districts, numerous nonpublic schools, and the citizens and businesses of the Berks County area. The Career Center is governed by a Joint Operating Committee comprised of school directors from each of the 16 sponsoring school districts. With campuses located in Leesport and Oley, we are conveniently located to serve our students.

BCTC operates as a school of choice, designed for students who are seeking to enhance their educational program with a highly relevant career and technical experience that is connected directly to business and industry. Over 400 business and industry advisors review and update the school's educational program annually. The BCTC experience provides students with a blend of classroom theory, technical applications in state-of-the-art laboratories, and actual off-campus work-based experiences. Students learn technical skills and earn nationally recognized industry certifications. They apply reading, writing, mathematics, science, communications, and technology in a way that has personal meaning and career relevance.

Programs

Students choose from 35 career pathways across the following career clusters: Business & Information Technology, Diversified Occupations, Communications, Construction, Engineering & Manufacturing Technology, Healthcare, Services, and Transportation. Each year approximately 1,800 secondary and 500 adult students attend BCTC to acquire the knowledge and skills they need to be successful in a highly competitive workplace and further their education. Students can earn advanced credits through articulation agreements with post-secondary institutions. All students learn advanced technical skills and earn industry recognized credentials.

State-of-the-art learning laboratories, a highly skilled faculty, and a curriculum delivered to industry and state academic standards combine to distinguish BCTC as a leading provider of career and technical education. BCTC prepares today's students for tomorrow's emerging technologies and provides them with the competitive edge needed to compete in the global marketplace.

Application Process

Interested in applying? Make sure to visit the BCTC website [here](#) and schedule an appointment with your counselor.

STEP 1 – Complete your section of the application! Select your School District and/or the District you reside in from the list below to start your application. Once you submit, it will be sent to your District School Counselor.

*Students who live in Berks County and attend parochial schools, private schools or are home-schooled are also welcome to attend BCTC. Please view the Application & Admissions Requirements below for more information.

STEP 2 – Download and print two (2) Teacher Recommendation forms and send them to your teachers. Once finished, your teachers should send the completed recommendation form to your District School Counselor.

Important Note to Student: Students applying to Medical Health Professions must provide a letter of reference from a science teacher and School Counselor instead of the two (2) teacher recommendations.

Teacher Recommendation Form

STEP 3 – Using the pdf below, complete the application essay. Be sure to type your responses and send it to your District School Counselor. Your application will not be considered complete until the essay is turned in.

Exception: Ninth Grade Early Admissions or Service Occupations applicants do not need to complete an essay, as an interview will be scheduled.

Application Essay Prompts

STEP 4 – Download and print the BCTC Admissions Agreement. Complete the form with your parent/guardian. Submit the BCTC Admissions Agreement, with your essay, to your District School Counselor.

BCTC Admissions Agreement

BUSINESS

Accounting I

Course ID:
1605

Speak the language of business! Whether investing one's hard-earned cash, running one's own business, or moving up the corporate ladder, the basics of accounting are essential. Topics covered for both a sole proprietorship and corporation include: journalizing, posting, preparing financial statements, controlling cash and merchandising. Students will work with annual reports of publicly traded companies. This is a must-take class for everyone considering majoring in business at all colleges and universities require business students to complete two accounting courses.

Credits: 1
Length: Full Year
Grades: 9-12

Accounting II Honors (Pre-requisite: CP Accounting I)

Course ID:
1609

Continue to advance your knowledge in accounting toward the equivalent of one semester of college accounting. Topics include: Depreciation, Collection of Uncollectable Accounts, Corporate Equity, Valuation of Inventory and Financial Statement Analysis. Students who have completed Accounting I & II will be better equipped to succeed in a college financial accounting class. Students will use accounting software to produce financial documents. Again, this is a must-take class for everyone considering majoring in business at all colleges and universities require business students to complete two accounting courses.

Credits: 1
Length: Full Year
Grades: 10-12

Managerial Accounting Honors

(Pre-requisite: CP Accounting II or CP Accounting I Instructor Approval)

Course ID:
1616

Students first learn how businesses plan for and evaluate their operating, financing and investing decisions and then how accounting systems gather and provide data to internal and external decision makers. This year-long course covers all the learning objectives of a traditional college level financial accounting course, plus those from a managerial accounting course. Topics include an introduction to accounting, accounting information systems, time value of money, and accounting of merchandising firms, sales and receivables, fixed assets, debt, and equity. Other topics include a statement of cash flows, financial ratios, cost-volume profit analysis and variance analysis.

Credits: 1
Length: Full Year
Grades: 10-12

Microsoft Office Specialist

Course ID:
1680

The Microsoft Office Specialist class is designed to give every student the opportunity to get certified by Microsoft in Microsoft Office 2019 software. The class will include in-depth instruction of Microsoft Word 2019, Microsoft Excel 2019 and Microsoft PowerPoint 2019. At the conclusion of each section, each student will have the opportunity to take the Microsoft Office Specialist exam (MOS) and be certified by Microsoft. If you successfully pass all three certification exams, you have the opportunity to receive college credit. (Refer to the Microsoft Office Specialist website for details)

Credits: 1
Length: Full Year
Grades: 9-12

Personal Finance

Course ID:
1663

Personal Finance will prepare students for the financial challenges of living independently. Some topics covered are: saving, checking accounts, loans/credit, taxes, budgeting, and insurance. Students will have the opportunity to hear from guest speakers in the field of finance.

Credits: 0.5
Length: Semester Course
Grades: 11-12

BUSINESS

Personal Finance Virtual

Course ID: 1661 Virtual Personal Finance is designed to allow students an opportunity to experience online learning and provide scheduling flexibility. This course will prepare students for the financial challenges of living independently. Some topics covered are: saving, checking accounts, loans/credit, taxes, budgeting, and insurance. Topics are introduced using short videos and articles and assessment will be based on putting learning to practice in real-life scenarios. The pacing of the course and procedures for assignment submission are at the discretion of the instructor.

Credits: 0.5
Length: Semester
Grades: 11-12

Investing

Course ID: 1650 Students will explore the fundamentals of investing. Students will work together to build and manage an investment portfolio in a real-world, dynamic marketplace. They will analyze and make decisions, explore the consequences of their choices, and seek new ways to strategize for success. Different investing products, investing platforms, and investment options will be explored throughout the semester.

Credits: 0.5
Length: Semester
Grades: 11-12

Marketing & Entrepreneurship

Course ID: 1625 This course is a project based course that will focus on the foundations of marketing and advertising while addressing other business topics. Students will be exposed to entrepreneurship, business ethics and economics. There is an emphasis on teamwork, communication, presentations and leadership skills throughout the course. In this course, students will be able to make relevant connections to our local community and build their personal resume

Credits: 1
Length: Full Year
Grades: 11-12

International Business

Course ID: 1651 CP International Business explores the challenges of managing a culturally diverse work force and the complexities of doing business in countries with different religions, traditions, and value systems. International Business focuses on the ability of managers to lead, motivate, communicate, and negotiate with individuals with different attitudes towards achievement and work, time and change, wealth and success, gender and the family, religion, and language.

Credits: 0.5
Length: Semester
Grades: 9-12

Business Ethics & Communications (Not Running 23-24 School Year)

Course ID: 1602 In this class students will explore decision-making skills and techniques which can be used to make ethically-motivated choices. Students will learn effective communication techniques to help them to communicate with managers, peers, and as a manager. Through various case studies, students will explore real world problems that businesses face today.

Credits: 0.5
Length: Semester
Grades: 11-12

Honors Internship

Course ID: 1666 The purpose of the Internship Program is to provide a practical introduction to the work environment through direct contact with professionals in the community. The Internship Coordinators monitor the work-based experience and provide support to the student. Internships may be paid or unpaid and can be tailored to the unique needs and interests of the learner. This program is open to all junior and senior students. Students may choose their credit level- Internship or Honors Internship. With honor credit, the work the students completes for the school will be at the honors level.

Credits: 1-3
Length: Semester, Full Year
Grades: 11-12

BUSINESS

Internship

Course ID: 1664	The purpose of the Internship Program is to provide a practical introduction to the work environment through direct contact with professionals in the community. The Internship Coordinators monitor the work-based experience and provide support to the student. Internships may be paid or unpaid and can be tailored to the unique needs and interests of the learner. This program is open to all junior and senior students. Students may choose their credit level- Internship or Honors Internship. With honor credit, the work the students completes for the school will be at the honors level.	Credits: 1-3 Length: Semester, Full Year Grades: 11-12
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Introduction to Data Science

Course ID: 1690	Introduction to Data Science will allow students to understand and be able to explain what data is, how it is captured and how it is used in business. The semester course will enable students to communicate data insights using different visualizations. The course aims to teach students how to work with and manipulate data. Students will experience how data can be used to make predictions and build models.	Credits: 0.5 Length: Semester Grades: 10-12
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Introduction to Project Management

Course ID: 1691	Introduction to Project Management will provide an overview of the practice of project management. Throughout the semester, students will investigate all Project Management Domains Methodologies of project management, including standard waterfall, agile and hybrid implementation will be discussed in the course as well as an introduction to change management. The course aims to prepare students to lead successful projects within the business world regardless of their workplace.	Credits: 0.5 Length: Semester Grades: 10-12
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Introduction to Business

Course ID: 1652	Introduction to Business aims to present to underclassmen the many areas of business so they can decide if they may want to take a more in-depth course in the future. It will provide a sampling of many of the courses the Wilson Business Department offers as well as an understanding of how all these disciplines function together to make a successful business.	Credits: 0.5 Length: Semester Grades: 9-10
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Career Readiness

Course ID: 1657	Career Readiness aims to achieve three primary goals. First, students will, through reflection and research, identify a career path that builds upon their interests and strengths. Second, they will develop a plan to gain experience/skills required to pursue their goals. This plan will include both soft and hard skills development. Finally, students will learn about working norms and expectations. They will have a chance to practice common skills required in most workplaces.	Credits: 0.5 Length: Semester Grades: 9-10
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ENGLISH

English 09 CP

Course ID: CP English 9 is a literature-based course. Students strengthen their vocabulary skills; their speaking, listening, and writing skills; their grammar and usage skills; and their understanding and appreciation of various types of literature, including the novel. This course will provide students with the skills that are necessary to succeed in the college prep high school English programs.

Credits: 1
Length: Full Year
Grade: 9
Fulfills 1.0 English Graduation Credit

English 09 Honors

Pre-requisite: See Honors & AP Course Criteria

Course ID: Honors English 9 is a course in which reading and writing independently comprise the core of the curriculum. In addition to intelligence and diligence, prerequisites for success include self-discipline, initiative, and the ability to budget time. Several novels, assigned as independent reading, will be analyzed through class discussions, tests, and formal essays. In addition, grammar skills, vocabulary development, speeches, and other literature selections will be part of the everyday class schedule. A summer reading list will be distributed in June; required works must be completed by the date of the first class meeting in August.

Credits: 1
Length: Full Year
Grade: 9
Fulfills 1.0 English Graduation Credit

English 10 CP

Course ID: CP English 10 students are provided the opportunity to develop composition skills, literary analysis, and oral presentations. Writing will be incorporated regularly using a variety of styles. Students will also participate in an extensive vocabulary study that will aid them in the examination of novels, short stories, plays, poems, and nonfiction.

Credits: 1
Length: Full Year
Grade: 10
Fulfills 1.0 English Graduation Credit

English 10 Honors

Pre-requisite: See Honors & AP Course Criteria

Course ID: Honors English 10 students are provided the opportunity to continue developing high verbal ability through frequent writing and reading assignments. Students will develop literary analysis techniques, independent reading strategies, and research skills. Students will read novels, plays, short stories, and poetry and will write a variety of informational and literary analysis essays. A summer reading list will be distributed in June; summer reading must be completed by the date of the first class meeting in August.

Credits: 1
Length: Full Year
Grade: 10
Fulfills 1.0 English Graduation Credit

English 11 CP

Course ID: CP English 11 focuses on the study of American literature and how it addresses questions and issues in our culture. Numerous classic and contemporary novels, plays, poems, and short stories are read, analyzed, and critiqued. A research paper is required of all students. A major emphasis is placed on essay composition, SAT vocabulary, and test taking preparation.

Credits: 1
Length: Full Year
Grade: 11
Fulfills 1.0 English Graduation Credit

ENGLISH

English 11 Honors

Pre-requisite: See Honors & AP Course Criteria

Course ID: 1125 Honors English 11 is designed for highly motivated juniors with above-average ability. To succeed in this course, a student must be capable of substantial independent study and must spend approximately one hour out of class for each hour in class. In addition to intelligence and diligence, prerequisites for success include self-discipline, initiative, and the ability to budget time. Students are expected to demonstrate above-average writing skills and to have mastered all the basics of English grammar and mechanics. In addition, students are expected to complete and comprehend frequent, lengthy, independent reading assignments in American literature. Class discussion and vocabulary study are also integral components of the course and a research paper is required of all students. A summer reading list will be distributed in June; required works must be completed by the date of the first class meeting in August.

Credits: 1
Length: Full Year
Grade: 11
Fulfills 1.0 English Graduation Credit

English 12 CP

Course ID: 1135 CP English 12 is designed according to Common Core State Standards with a focus on world literature. In CP English 12, World Literature, students will read multiple works of literature with different perspectives, characterizations, and themes to broaden their intercultural reading experience. The course goals are to provide a working knowledge of the characteristics of various literary genres and to develop analytical skills and critical thinking through reading, discussion, and written assignments. Additionally, this course aims to strengthen independent reading and inquiry. Students will strive to enhance both their creative and formal writing through personalized, independent and/or group projects. Students will improve their reading comprehension and public speaking abilities.

Credits: 1
Length: Full Year
Grade: 12
Fulfills 1.0 English Graduation Credit

English 12 Honors Literature

Course ID: 1141 Honors English 12 is designed for highly motivated seniors with above-average ability. To succeed in this course, a student must be capable of substantial independent study and must spend approximately one hour out of class for each hour in class. In addition to intelligence and diligence, prerequisites for success include self-discipline, initiative, and the ability to budget time. Students are expected to demonstrate above-average writing skills and to have mastered all the basics of English grammar and mechanics. In addition, students are expected to complete and comprehend frequent, lengthy, independent reading assignments in classic and contemporary literature. Reading and assignments encourage both analysis and appreciation of literature as a meaningful reflection of the human experience. Class discussion and vocabulary study are also integral components of the course. A summer reading list will be distributed in May or June; required works must be completed by the date of the first class meeting in August. **This course is a dual enrollment option for students interested in earning college credit while completing the course.**

Credits: 1
Length: Full Year
Grade: 12
Fulfills 1.0 English Graduation Credit

Philosophy & Literature CP

Course ID: 1133 CP Philosophy and Literature is a course designed to introduce students to the essential questions of western philosophy through the vehicle of literature. Through this course, students will identify philosophical issues in both fiction and non-fiction text, and develop an understanding of their own viewpoints in light of these readings. Students in this course will develop the cognitive tools to think deeply about important issues, and the meta-cognitive tools to understand how and why they arrive at their own philosophies. Students in this course will develop tools to effectively convey a thesis in various forms of writing, including argumentative, persuasive, informative, and narrative. Students will read, analyze, and interpret fiction and non-fiction text, and draw conclusions and connections based on these readings.

Credits: 1
Length: Full Year
Grade: 12
Fulfills 1.0 English Graduation Credit

ENGLISH

English Literature & Composition AP

Pre-requisite: See Honors & AP Course Criteria

Course ID: 1140 In AP Literature and Composition, students learn to read and to analyze some of the finest poetry, plays, novels, short stories and essays selected from various times and various cultures. Students learn to explore meaning in literature by being attentive to language. Students practice supporting interpretations by noting details and patterns found in the text, comparing their interpretations with those proposed by others, and modifying their own ideas as they learn more and think more. Writing assignments are frequent and varied; students practice both in class and out of class writing. Writing assignments are meant to lead students to insights into a work of literature or, alternatively, to record some insight into human behavior. Students are immersed in a community of discourse, one in which ideas are exchanged freely. The result is often a high level of verbal communication and reasoning. In May of each year, students take the national AP exam for possible college credit. A summer reading list will be distributed in May or June; required works must be completed by the date of the first class meeting in August. **This course is a dual enrollment option for students interested in earning college credit while completing the course.**

Credits: 1
Length: Full Year
Grade: 12
Fulfills 1.0 English Graduation Credit

English Language & Composition AP

Pre-requisite: See Honors & AP Course Criteria

Course ID: 1142 AP Language and Composition provides a rigorous AP English course that complements AP English Literature and Composition and provides an opportunity for further study of nonfiction as well as advanced composition skills. The College Board suggests curriculum for the course "places a strong emphasis on the development of proficient reading and writing skills. In particular, thorough, efficient reading and contextual understanding of rigorous nonfiction materials and the ability to write organized and developed pieces that demonstrate a strong stylistic and expressive command over the English language. As well as engaging in varied writing tasks, students become acquainted with a wide variety of prose styles from many disciplines and historical periods, and gain understanding of the connections between writing and interpretive skill in reading. Concurrently, to reflect the increasing importance of graphics and visual images in texts published in print and electronic media, students are asked to analyze how such images both relate to written texts and serve as alternative forms of texts themselves. In addition, the informed use of research materials and the ability to synthesize varied sources (to evaluate, use, and cite sources) are integral parts of this course." In May of each year, students take the national AP exam for possible college credit. A summer reading list will be distributed in May or June; required works must be completed by the date of the first class meeting in August. **This course is a dual enrollment option for students interested in earning college credit while completing the course.**

Credits: 1
Length: Full Year
Grade: 11-12
Fulfills 1.0 English Graduation Credit

AP Seminar

Pre-requisite: See Honors & AP Course Criteria

Course ID: 2201 AP Seminar, which is the first research and writing course in the AP Capstone program, is an inquiry-based writing and research course that seeks to engage students, both collaboratively and individually, in cross-curricular conversations and research that explore real-world topics from multiple perspectives. Students learn to analyze and evaluate texts with accuracy and precision to effectively write and present evidence-based arguments. AP Seminar culminates with two (2) Performance-based tasks (one group paper and presentation and one individual paper and presentation) and one (1) traditional AP Written Exam. AP Seminar can fulfill either an 11th grade or 12th grade English credit. **This course is a dual enrollment option for students interested in earning college credit while completing the course.**

Credits: 1
Length: Full Year
Grade: 10-12
Fulfills 1.0 English Graduation Credit

ENGLISH

AP Research

Pre-requisite: See Honors & AP Course Criteria

Course ID: 2202 AP Research class allows students to further their research and writing skills as they deeply explore an academic topic, problem, or issue of individual interest. Through this process, students design, plan, and conduct a yearlong investigation to address a research question. In the AP Research course, students continue the work of AP Seminar by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of approximately 4,000-5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense. AP Research can fulfill either an 11th grade or 12th grade English credit.

Credits: 1
Length: Full Year
Grade: 12
Fulfills 1.0 English Graduation Credit

Film as Literature

Course ID: 1162 Film and Literature is a class for junior and seniors who are interested in the study of film. Students in this class will embark on a journey through both classic and contemporary films while honing their critical thinking, writing, and communication skills. Movies that are included in the curriculum include *The Shawshank Redemption*, *Citizen Kane*, *Jaws*, *2001: A Space Odyssey*, and many others. As part of the course students will create, film, and present an original short documentary.

Credits: 1
Length: Full Year
Grade: 9-12
Elective Credit

Senior Acting & Directing

Pre-requisite: Intro to Theatre and/or have been involved in a production

Requirement: for Visual and Performing Arts Academy Theater Pathway

Course ID: 1159 Senior Acting & Directing is open to senior students who wish to pursue the study of acting and gain further training in character development, analysis, and stage direction. Senior Acting & Directing is a full-year, performance-based course that addresses the goals set forth in the Pennsylvania Department of Education's Academic Standards for the Arts and Humanities and the National Core Arts Standards. Activities include independent projects, theatrical productions, and cross-curricular assignments. In addition, original plays, monologues, scenes, one-act performances, and fully staged productions will be created as part of the course. Students will have the opportunity to produce and direct a one-act play. *Senior Acting & Directing is a capstone course for Visual and Performing Arts Academy: Theater Pathway. In order to graduate with a Visual and Performing Arts Academy Theater Pathway recognition, students are required to take this course.*

Credits: 1
Length: Full Year
Grade: 12
Elective Credit

ENGLISH

Introduction to Journalism and Creative Writing

Course ID: 1152
Introduction to Journalism and Creative Writing is designed for students interested in exploring and developing their skills in the professional writing arena. The first semester is devoted to journalistic writing forms such as the straight news, features, reviews, editorials, columns, and sports. The second semester focuses on creative writing, including fiction, creative non-fiction, and poetry. Students in this elective course will be writing frequently while honing their skills. Students are expected to offer their work for in-class, peer critique as well as submit work periodically for contests or publication.

Credits: 1
Length: Full Year
Grade: 10-12
Elective Credit

Advance Journalism and Creative Writing II

Pre-Requisite: Introduction to Journalism and Creative Writing and the Teacher's Recommendation

Course ID: 1153
Advance Journalism and Creative Writing II is designed for students wishing to develop further the writing skills learned in Professional Writing I. During the first semester, students will learn and apply skills in editing and layout of journalistic material while continuing to improve their writing style. During the second semester, they will apply these editing and layout skills to a creative writing project of their choosing including but not limited to poetry, science fiction, romance, juvenile literature, travel literature, journalism, non-fiction, or playwriting. Students are expected to offer their work for in-class, peer critique as well as submit work periodically for contests or publication.

Credits: 1
Length: Full Year
Grade: 11-12
Elective Credit

School Publications

Course ID: 1195
School Publications involves the preparation, development, and production of high school publications, the most significant project being the annual high school yearbook. Employing an inductive approach to learning, the students "learn by doing" and will learn publication skills such as planning; teamwork; group and individual responsibility; development of concept, content, and design; photography and graphics principles; writing and editing; and marketing approaches that include financial plans, advertising, selling, and distribution of published projects.

Credits: 1
Length: Full Year
Grade: 10-12
Elective Credit

Literature Standards

Course ID: 1188
Literature Standards is a required course for 11th and 12th-grade students who have not yet been scored 'proficient' on the Pennsylvania Keystone Exam in Literature. This remediation course is a mandatory requirement of the state of Pennsylvania's Department of Education. In this course, students will learn more about strategies and skills practice in the areas of 'Reading for Meaning' and 'Analyzing and Interpreting Literature' for both fiction and nonfiction literature.

Credits: 0.5
Length: Semester
Grade: 11-12
Elective Credit/Remediation Credit

Introduction to Theatre

Course ID: 1156
Introduction to Theater is open to students of all grade levels who are interested in drama and the theater arts. The course is performance-based and delivers an overview of many areas of performance, technical, and historical theater. The class has a strong focus on 21st Century Skills development and the goals set forth in the Pennsylvania Department of Education's Academic Standards for the Arts and Humanities and the National Core Arts Standards. Introduction to Theater students will engage in the study of performance, theatre history, acting techniques, technical theater, and the application of theater competencies as they relate to skills necessary for 21st Century learners to be successful.

Credits: 1.0
Length: Full Year
Grade: 9-12
Elective Credit

ENGLISH

Production & Performance

Pre-requisite: Introduction to Theater or Teacher's Permission

Course ID: 1158 Theater Production and Performance is open to students in grades 10 -12 who are interested in an in-depth study of drama and the theater arts. Students will work on projects that will develop critical thinking, problem solving, communication, collaboration, creativity and innovation. Students will engage in the study and performance of acting techniques for the stage and for film and will study different forms of theater including musical theater. Preparing and presenting public performances will be a part of the curriculum. Theater Production & Performance will be especially helpful for students who are interested in building their performance portfolio in preparation for college and scholarship auditions.

Credits: 1
Length: Full Year
Grade: 10-12
Elective Credit

Production & Performance 2

Pre-requisite: Intro to Theatre and Production and Performance

Course ID: 1163 Production and Performance 2 is a continuation of Production and Performance 1. This class focuses on performing at the Pennsylvania Theatre Festival, touring performances at district middle and elementary schools, and other community venues. This class aims to develop performance and leadership opportunities for students.

Credits: 1
Length: Full Year
Grade: 11-12
Elective Credit

Improv

Pre-Requisite: Introduction to Theatre and the Teacher's Recommendation

Course ID: 1113 Devised Theater and Improv is open to students in grades 10-12 who are interested in an in-depth study of drama and the theater arts. Devised theater projects will provide opportunities for students to develop new and original works of theater. Students will also explore improv acting skills to develop critical thinking and problem solving, communication, collaboration, creativity and innovation. Students will analyze, respond to, and present course content that is related to the creation and performance of original theatrical works and the application of theater competencies. The class members will complete in-class and public performances, theatrical exercises, script writing, group performances, solo performances, and portfolio building.

Credits: 0.5
Length: Semester
Grade: 10-12
Elective Credit

Information Literacy

Course ID: 1189 Information Literacy can be defined as a person's ability to read, interpret, evaluate, use, and communicate ideas from technical texts. This English elective is designed for 10th - 12th grade students who want to learn and refine strategies for reading the kinds of informational texts they'll encounter in STEM careers such as diagrams, reports, weather maps, charts, videos, and other technical formats. By the end of the semester, students will learn literacy skills necessary to tackle texts with complex technical jargon and distinct formats. As an added benefit, this course will simultaneously provide students with the content required for their Private Pilot ground school instruction which they can use to credit toward their Private Pilot training if they choose to pursue a career in aviation.

Credits: 0.5
Length: Semester
Grade: 10-12
Elective Credit

FAMILY & CONSUMER SCIENCE

Investigating Foods

Course ID: 1918

Investigating Foods explores the science of food as students bake and cook a variety of culinary delights. Students will explore how foods play an important part of each person's life and how health and well-being is impacted by one's food choices. In this course, you will participate in weekly Foods Labs that cover a variety of topics such as leavening, brining, marinating, thickening, and more to make items like pizza, pancakes, cupcakes and stir fry. In addition to food preparation, students will learn about food safety in a culinary environment.

Credits: 1
Length: Full Year
Grade: 9-10

Food Preparation

Course ID: 1920

Food Preparation is an entry level course that provides students the opportunity to explore in the kitchen and learn the basic fundamentals of cooking and baking. Students will also learn how food plays an intricate role in our everyday lives from providing our body the proper nutrients to stay healthy, to bringing family and friends together to share a meal. Some of the topics we will cover include quick breads, yeast breads, cakes and cake decorating, holiday meal preparation, pies, understanding spices, red meat, poultry, grains, cheese, vegetables, table setting, meal planning, budgeting, and kitchen safety and sanitation.

Credits: 1
Length: Full Year
Grade: 10-12

Chef's Course (Pre-requisite: Food Preparation)

Course ID: 1930

Chef's Course is a higher level cooking course and is great for those students who are interested in post secondary culinary education or those students who are looking to further their cooking knowledge from Food Preparation. In this course, we will explore international cuisine from 16 different countries and prepare foods from their culture. Students will learn that you can easily make various foods like tortillas, pasta, spaetzle, and sushi from scratch! They will utilize various cooking equipment and practice many different cooking techniques to expand their culinary knowledge. Some other units covered in this course include food preservation, appliance demonstration, advanced cake decorating, and event planning and entertaining. Food Preparation is a prerequisite to Chef's Course. You must take Food Preparation before you can take this course.

Credits: 1
Length: Full Year
Grade: 11-12

Understanding Relationships

Course ID: 1916

Understanding Relationships focuses on the establishment of good relationships with friends, families, teachers, partners, and, eventually, marriage. The student will learn practical interactive skills in communication -- the basis for all successful life relationships -- while gaining a better understanding of themselves. The course will also give insight on preparing and adjusting to marriage, pregnancy, childbirth, and parenting.

Credits: 1
Length: Full Year
Grade: 9-12

Child Development

Course ID: 1910

Child Development focuses on understanding and developing practices that nurture and guide children through developmental stages, in particular of the preschool child. Students will analyze the stages of emotional, social, physical, and intellectual growth of children. This course is designed to help students develop and practice observation skills through their work with the children in the child-care center. As a volunteer in the child care center, the student will need the following to be able to attend - Criminal History Clearance, Child Abuse Clearance, Fingerprinting, Signed Disclosure, Physical exam (11th grade physical, athletic physical can fulfill this requirement) and a TB test. All requirements must be completed by the end of September to attend class at Berkshire Heights Early Learning Center.

Credits: 1
Length: Full Year
Grade: 10-12

FAMILY & CONSUMER SCIENCE

The Early Childhood Professional (Honors: Dual Enrollment RACC; Pre-requisite: Child Development)

Course ID: 1917	Early Childhood is designed to provide the opportunity for occupational awareness, exploration, and on-site training for careers related to childcare and early elementary education. Students will create activities and lessons that will help them to analyze developmentally appropriate practices with children in an elementary classroom. A student taking this 2 credit course will work in the elementary classroom (K-4) for an average of two class periods, two-three days per week. Unless the student chooses to work in a classroom at Whitfield elementary school, it is the responsibility of the student to provide transportation to their elementary school placement. This course is a dual enrollment option for students interested in earning college credit while completing the course.	Credits: 2 Length: Full Year Grade: 11-12
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Student Instructional Aide Program (Honors)

Acceptance into the SIA program is based on completion of an acceptable application, including student career goals and teacher recommendation, submitted to the program coordinator.

Course ID: 1938	The Honors Student Instructional Aide program provides students with an introduction to the education profession by working directly with an assigned classroom teacher (K-12) for two full class periods each day. Students will be immersed in daily classroom activities, while managing other classroom duties. Through this experience and assigned tasks, students will gain knowledge and experience in classroom management, engaging learners, and special education, while building a professional portfolio. Students are responsible for transporting themselves to and from their school placement. Placement at the high school and Whitfield elementary are walkable options. An application packet may be obtained in the Counseling Office.	Credits: 2 Length: Full Year Grade: 12
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Fashion & Interior Design CP

Course ID: 1940	Fashion and Interior Design allows students to explore the world of design and learn how the elements and principles of design influence every visual art form. Interior design is an excellent way to understand the concepts and principles of planning your personal space and explore interior design as a possible career by designing for clients. The interior design unit includes identifying architectural styles, reading and creating floor plans and elevations, deciding on a color scheme, and creating a mood and style for a room. In the fashion unit students will learn the many influences on fashion trends, learn about pivotal designers, how to pick shapes and colors to flatter anyone. In the fashion design unit students will learn some basic principles of fashion merchandising like, identifying a target customer, writing a company mission statement that will attract people from their target market, and developing a company label and tag line. Students will use fashion illustration to draw a 6 piece capsule wardrobe based on the inspiration of their choice. At the end of the year students will have an opportunity to make, build, draw, weave, crochet, sew, a project that they design themselves. Depending on the project students may need to bring in some supplies to complete their project.	Credits: 1 Length: Full Year Grade: 9-12
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FAMILY & CONSUMER SCIENCE

Costume Design for Theater Production

Course ID: 1942
Learn the craft of costume design by designing and creating costumes for the WTC main stage productions! Students will conduct historical research to develop characters through wardrobe and accessories. Fabric effects on stage and the impact of stage lighting on wardrobe will be considered in the design of costumes. Students will learn basic techniques for fitting a model, simple closures for quick change, up-cycling for new looks, mending costumes, steaming and prepping costumes as needed. Some sewing skills are very helpful so is a willingness to learn new skills. Class will maintain the costume room, costume hallway, and hat and shoe room.

Credits: 0.5
Length: Semester (Fall)
Grade: 9-12

Costume Design for Musical Theater Production

Course ID: 1943
Costume Design for Theater Production students will create costumes for the spring musical theater productions. Students will conduct historical research to develop characters through wardrobe and accessories. Fabric effects on stage and impact of stage lighting on wardrobe will be considered in the design of costumes. Students will learn basic sewing techniques, fitting a model, simple closures for quick change, up-cycling for new looks, mending costumes, steaming and prepping costumes as needed. Some sewing skills are very helpful so is a willingness to learn new skills. Class will maintain the costume room, costume hallway, and hat and shoe room. Students will explore management systems for costume and accessory conservation and retrieval.

Credits: 0.5
Length: Semester (Spring)
Grade: 9-12

Textile & Clothing Construction I

Course ID: 1939
Textile and Clothing Construction students will explore the world of clothing and textiles. Do you want to learn how to sew and develop your creative skills with fabrics? Then this is the course for you! After learning the basics of sewing, pattern layout, and marking, you can create projects using commercial patterns and supplies to meet the individual student's needs and fashion sense. Students will be involved in flat pattern measuring, fitting methods, identifying fiber content of fabrics, and grainline skills. Students are required to purchase supplies for this class; therefore, students will incur individual costs for projects.

Credits: 1
Length: Full Year
Grade: 9-12

Textile & Clothing Construction II

Pre-requisite: Textile & Clothing Construction I

Course ID: 1944
In Textile and Clothing Construction II students will build on their sewing skills mastered in Textile & Clothing Construction 1. Students will self-select projects, based on their interests, career goals, and skill level that challenge and extend their sewing proficiency. Students are required to purchase supplies for this class; therefore, students will incur individual costs for projects.

Credits: 1
Length: Full Year
Grade: 10-12

Honors Textile & Clothing Construction III

Pre-requisite: Textile & Clothing Construction II

Course ID: 1945
Clothing Construction III is the capstone course for students interested in clothing construction and fashion careers. Principles of advanced fitting and clothing construction will be applied. Students will learn pattern drafting, draping, and couture sewing techniques. Students are required to purchase supplies for this class; therefore, students will incur individual costs for projects.

Credits: 1
Length: Full Year
Grade: 11-12

JROTC

Junior Reserve Officers' Training Course (JROTC) I

Course ID: 9500	The first year of Leadership, Education and Training (LET) course provides an introduction into the Junior Reserve Officers Training Corps (JROTC). The program's mission is to motivate young people to be better citizens. Activities to develop leadership and management skills are stressed. This course uses military skills to teach self-discipline, confidence, and pride in communication skills, promotes and encourages citizenship through participation in community service projects, and develops leadership potential. Students are required to wear uniforms once a week.	Credits: 1 Length: Full Year Grade: 9-12
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Junior Reserve Officers' Training Course (JROTC) II

Pre-requisite: JROTC I

Course ID: 9501	The second year of the Leadership, Education and Training (LET) course builds on what was learned during JROTC I, with an emphasis placed on further development of leadership ability, oral communications, drill and ceremonies, first aid skills and map reading. Students are placed in leadership positions and are expected to demonstrate the ability to work cooperatively with others. Course content prepares students to succeed both in school and after graduation. Students are required to wear uniforms once a week.	Credits: 1 Length: Full Year Grade: 10-12
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Junior Reserve Officers' Training Course (JROTC) III

Pre-requisite: JROTC I & II

Course ID: 9503	The third year of the Leadership, Education, and Training (LET) course places more emphasis on leadership within the JROTC cadet battalion. By taking on added responsibility, students gain more leadership skills to help them succeed during and after high school. Duties and responsibilities of a leader are applied to the areas of drill and ceremonies and American citizenship. Career opportunities include ROTC scholarship and military academy programs. Students are required to wear uniforms once a week.	Credits: 1 Length: Full Year Grade: 11-12
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Junior Reserve Officers' Training Course (JROTC) IV

Pre-requisite: JROTC I, II, & III

Course ID: 9506	The final year of the Leadership, Education, and Training (LET) course places primary emphasis on the practical application of the student's leadership duties and responsibilities with the cadet battalion. Students receive practical experiences in problem-solving, group management, and challenges in leadership. Students apply the principles of the planning process, decision-making/problem-solving process, and supervisory techniques in fulfilling course requirements. The importance of American history through the 20th Century is covered. The course uses group dynamics to plan and conduct inspections and ceremonies. Continued emphasis is placed on community service projects. Students are required to wear uniforms once a week.	Credits: 1 Length: Full Year Grade: 12
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MATHEMATICS

Algebra I - CP HS

Pre-Requisite: Algebra 1 not successfully completed in an earlier grade

Course ID:
1304

Algebra 1 is considered the gateway course in mathematics. Students in this course will learn fundamental algebraic skills necessary for advancement into higher level math courses. Topics of study include the real number system, radical expressions, linear equations, linear inequalities, quadratic equations, factoring, and graphing algebraic functions. Real world applications are presented and are an integral component of the algebraic learning experience.

Credits: 1
Length: Full Year
Grade: 9-12

Algebra IA

Course ID:
1313

Algebra 1A is aligned to the PA Core High School Math Standards. This course is the first half of the full-year Algebra 1 curriculum. Prior to each Algebra 1A lesson, students will engage in a lesson that develops/reviews the prerequisite skill(s) needed to access the Algebra 1 content.

Credits: 1
Length: Full Year
Grade: 9-10

Topics of study include: One-Variable Statistics - Linear Equations, Inequalities, and Systems - Two-Variable Statistics - Functions

Algebra IB

Course ID:
1316

Algebra 1B is aligned to the PA Core High School Math Standards. This course is the second half of the full-year Algebra 1 curriculum. Prior to each Algebra 1B lesson, students will engage in a lesson that develops/reviews the prerequisite skill(s) needed to access the Algebra 1 content.

Credits: 1
Length: Full Year
Grade: 9-11

Topics of study include: Introduction to Exponential Functions - Introduction to Quadratic Functions - Quadratic Equations

Honors ISTEM Mathematics for Algebra 1

Pre-requisite: Must be eligible for ISTEM Mathematics for Algebra 1

Course ID:
7000

ISTEM is a Science, Technology, Engineering, and Math course of study that integrates Honors ISTEM Integrated Science, Honors ISTEM Creators of Curiosity, Honors ISTEM Mathematics for Algebra I. The course is designed to help students explore and acquire the basic research and problem-solving skills to aid their later experiences in the STEM Academy or a potential career in a STEM related field. Field experiences, lab experiments, projects, and class trips will reinforce course concepts, and students will be expected to utilize critical thinking skills and problem solving abilities on a daily basis. A thematic approach engages students as they simulate a "Mission to Mars."

Credits: 1.0
Length: Full Year
Grade: 9-12

Courses within Honors ISTEM Algebra 1 cluster: Honors ISTEM Integrated Science, Honors ISTEM Creators of Curiosity, Honors ISTEM Mathematics for Algebra 1.

Please note: Students can choose between Honors or CP English

Algebra I - Honors

Pre-Requisite: Successful completion of Pre-Algebra or Math 8

Course ID:
1360

Algebra 1 takes a deeper dive into the same standards as the CP Algebra 1 course. Students in this course will learn fundamental algebraic skills necessary for advancement into higher level math courses. Topics of study include the real number system, radical expressions, linear equations, linear inequalities, quadratic equations, factoring, and graphing algebraic functions. Real world applications are presented and are an integral component of the algebraic learning experience.

Credits: 1
Length: Full Year
Grade: 9-12

MATHEMATICS

Geometry CP Pre-requisite: CP Algebra I, or CP Algebra I-B

Course ID: 1325 This course emphasizes the mathematical structure of geometry. It allows students to engage in and apply the foundational aspects of lines, planes, and shapes. Topics studied include: methods of reasoning, angle relationships, perpendicular and parallel lines, congruent and similar polygons, properties of polygons, right triangle trigonometry, area and volume of figures, circles, and coordinate geometry.

Credits: 1
Length: Full Year
Grade: 9-11

Honors ISTEM Mathematics for Algebra 2

Recommendation to program from current teacher OR successful completion of Virtual Geometry Academy Summer Course, Enrolled in ISTEM

Course ID: 7111 In this integrated course the projects drive the content that is presented. Traditionally, projects are devised to supplement the content that is being taught. Project completion times will have a range of 2-8 weeks based upon project complexity. Students will hone their higher level mathematical skills as “application” will be required at all times. Students will also learn to work in teams, compromise during decision making, and interact with mentors both in person and virtually. Students will continually be immersed in situations that force them to problem solve, critically think, and troubleshoot.

Credits: 1
Length: Full Year
Grade: 9-12

**Courses within Honors ISTEM:
Honors ISTEM Physics, Honors ISTEM
Makers and Innovators, Honors
ISTEM Mathematics for Algebra 2.
Please note: Students can choose
between Honors or CP English*

Algebra 2-A CP Pre-requisite: Algebra 1 or 1A&1B

Course ID: 1317 This course includes all topics from the first half of the CP Algebra II curriculum. It will include numerous exercises and the extended time necessary to help students develop a deeper understanding of the topics. It will also provide students with the additional practice needed to reinforce these skills.

Credits: 1
Length: Full Year
Grade: 10-12

Algebra 2-B CP

Course ID: 1319 This course includes all topics from the second half of the CP Algebra II curriculum. It will include numerous exercises and the extended time necessary to help students develop a deeper understanding of the topics. It will also provide students with the additional practice needed to reinforce these skills.

Credits: 1
Length: Full Year
Grade: 11-12

Algebra 2 CP Pre-requisite: Algebra 1 or 1A&1B

Course ID: 1315 CP Algebra II will begin with a review of basic algebra concepts, with an emphasis on solving equations and problem-solving. Topics studied in Algebra II include inequalities, linear equations, polynomials, factoring, polynomial equations, rational expressions, radicals, and complex numbers. Quadratic equations, polynomial equations, and logarithms will also be discussed.

Credits: 1
Length: Full Year
Grade: 10

Algebra 2 Honors Pre-requisite: Algebra 1 or Geometry

Course ID: 1320 Honors Algebra II takes a deeper dive into the same standards as CP Algebra 2. Topics studied in Algebra II include inequalities, linear equations, polynomials, factoring, polynomial equations, rational expressions, radicals, and complex numbers. Quadratic equations, polynomial equations, and logarithms will also be discussed.

Credits: 1
Length: Full Year
Grade: 10

Pre-Calculus CP Pre-requisite: CP Algebra 2

Course ID: 1349 Pre-Calculus begins with a review of algebra topics. It is designed to provide a student with the basics of trigonometry (triangle solutions, inverse relations, trig function graphs, vectors, and trig equation solutions), analytic geometry (line, coordinate geometry, and conic sections), and an introduction to calculus concepts.

Credits: 1
Length: Full Year
Grade: 10-11

MATHEMATICS

Pre-Calculus - Honors Pre-requisite: CP Algebra 2

Course ID:
1322

The goal of Honors Precalculus is to prepare students for AP Calculus. The concepts and topics examined are meant to deepen students' understanding of algebraic concepts and expand their ability to process and think at higher abstract and conceptual levels. The curriculum will provide a comprehensive analysis of Trigonometry and Precalculus, building upon students' prior mathematical knowledge. Topics examined include, but are not limited to Functions, Conic Sections, Matrices, Sequences and Series, the Unit Circle, Analytic Trigonometry, Vectors, Polar Coordinates, Parametric Equations, and Limits. All of the topics covered will be applied to real-world situations through life problems, projects, and writing assignments.

Credits: 1
Length: Full Year
Grade: 10-12

Calculus CP Pre-requisite: Pre-Calculus or Honors Pre-Calculus

Course ID:
1350

This course will begin with a review of pre-calculus concepts. Some of the calculus topics discussed will include limits, differentiation, related rates, curve sketching, graphing, integration, logarithmic functions, exponential functions, optimization and area between curves. Applications of these topics will be included throughout the course.

Credits: 1
Length: Full Year
Grade: 10-12

Calculus AP (AB/BC) Pre-requisite: Honors Pre-Calculus

Course ID:
1355/1356

Advanced Placement Calculus will follow the outline for the Advanced Placement Course AB and BC as prescribed by the College Entrance Examination Board. Students are encouraged to earn college credit and possible advancement by demonstrating their competence on the AP examination in May. Although students are strongly encouraged to purchase their own graphing calculators, the school will provide TI-84 calculators for classroom use to those students who have not, or are unable to purchase one on their own.

Credits: 1
Length: Full Year
Grade: 11-12

Statistics CP Pre-requisite: Geometry

Course ID:
1345

Statistics and Selected Topics is designed to provide a student with the basics of descriptive stats (measures of spread and location, histograms, distribution tables, and regression lines), probability, inferential stats (binomial and normal distributions, and hypotheses testing). Although students are encouraged to purchase their own calculators, the school will provide TI-84 calculators for classroom use to those students who have not purchased one on their own.

Credits: 1
Length: Full Year
Grade: 10-12

Statistics AP Pre-requisite: CP Algebra II

Course ID:
1346

This course is divided into four major themes exploratory analysis, planning a study, probability, and statistical inference. The AP Statistics course will follow the outline for the Advanced Placement Course as prescribed by the College Entrance Examination Board. Students are encouraged to earn college credit and possible advancement by demonstrating their competence on the AP examination in May.

Credits: 1
Length: Full Year
Grade: 10-12

Mathematical Logic & Problem Solving CP

Pre-requisite: Algebra II CP

Course ID:
1359

Mathematical Logic and Reasoning is designed for the student to be able to understand the mathematics they are doing and explain their reasoning in writing. They will develop problem-solving strategies in order to be able to solve challenging problems, often called riddles or brain teasers. Students will collaborate with their peers in order to discuss, explain, and communicate their solutions to each other. Students will learn to logically work through problems and view the problems from different angles in order to arrive at a solution.

Credits: 0.5
Length: Semester
Grade: 10-12

MATHEMATICS

Thinking Mathematically I Pre-requisite: Geometry

Course ID: 1333 A mathematical mindset is a skill that can be used in your day to day life and applied in the arts. This elective class is an opportunity for students to see math in a different light and experience more success in understanding its applications. Students will be using knowledge from Geometry and Algebra 1 to complete various tasks ranging from creating artwork to real world abstract thinking. Topics of study include: Origami - 2D Design - History of Mathematicians - Tessellations - 3D Design

Credits: 0.5
Length: Semester
Grade: 10-12

Thinking Mathematically II Pre-requisite: Geometry

Course ID: 1334 A mathematical mindset is a skill that can be used in your day to day life and applied in the arts. This elective class is an opportunity for students to see math in a different light and experience more success in understanding its applications. Students will be using knowledge from Geometry and Algebra 1 to complete various tasks ranging from creating artwork to real world abstract thinking. Topics of study include: Desmos Art - History of Mathematicians - Budgeting - Mixing Problems - Product Invention

Credits: 0.5
Length: Semester
Grade: 10-12

Introduction to Computer Science Python 3

Course ID: 1373 The CodeHS introduction to Computer Science in Python 3 curriculum teaches the foundations of computer science and basic programming, with an emphasis on helping students develop logical thinking and problem solving skills. Once students complete the CodeHS Introduction to Computer Science in Python course, they will have learned material equivalent to a semester college introductory course in Computer Science and be able to program using Python 3.

Credits: 1.0
Length: Year
Grade: 9-12

Computer Science Discoveries

Course ID: 1371 Computer Science Discoveries is an introductory computer science course for 9 - 10th grade students. Mapped to CSTA standards, the course takes a wide lens on computer science by covering topics such as problem solving, programming, physical computing, user centered design, and data, while inspiring students as they build their own websites, apps, animations, games, and physical computing systems.

Credits: 0.5
Length: Semester
Grade: 9-10

Computer Science Principles AP

Pre-requisite: Honors Computer Science and Software Engineering

Course ID: 2031 Computer science embraces problem solving, hardware, algorithms, and perspectives that help people utilize computers to address real-world problems in contemporary life. Throughout the course, students will design, implement, and analyze solutions to problems. Students in AP Computer Science will use standard data structures, develop and select appropriate algorithms and data structures to solve new problems, write solutions fluently in an object-oriented paradigm, write, run, test, and debug solutions in the Java programming language, utilizing standard Java library classes and interfaces from the AP Java subset.

Credits: 1
Length: Full Year
Grade: 11-12

AP Computer Science A

Pre-requisite: Honors Computer Science and Software Engineering

Course ID: 2029 For students who intend to pursue a computer-related or engineering program in college, this course will utilize the Advanced Placement Computer Science A curriculum in the language Java. Topics include: variables, classes, objects, control structures, arrays, object-oriented design, inheritance, polymorphism and recursion. Students will be exposed to large-scale projects as case studies and implement a software engineering project. At the conclusion of the curriculum, students will be prepared to take the Advanced Placement Computer Science A examination.

Credits: 1
Length: Full Year
Grade: 11-12

MUSIC

Music Theory AP

Pre-requisite: Teacher Recommendation

Course ID: 1871
Advanced Placement Music Theory is designed to provide students with the skills necessary to create and analyze music. The content will focus on a combination of ear training, writing, music history, and analysis of music. It is essential that a student has performance skills on any instrument -- wind, percussion, string, voice, or keyboard. This course is strongly recommended for the student considering music as a college major or career. Students are encouraged to earn college credit by demonstrating their competence on the AP examination in May. Students are required to do several assignments during the summer as preparation for this course.

Credits: 1
Length: Full Year
Grade: 10-12

Introduction to Music Theory 1

Course ID: 1840
Introduction to Music Theory is a one-semester course for students who have a strong interest in learning music theory but have a limited background in music theory or reading music notation. The course provides students with an in-depth study of beginning music theory concepts. Introduction to Music Theory, along with Piano I, is recommended for students who would like a head start in mastering the basics, prior to taking AP Music Theory.

Credits: 0.5
Length: Semester
Grade: 9-12

Introduction to Music Theory 2

Pre-requisite: Introduction to Music Theory 1

Course ID: 1841
Introduction to Music Theory 2 is a one-semester course for students who enjoyed Intro to Music Theory 1 and would like to hone their skills further and deepen their understanding of music theory. This course is not a prerequisite for AP Music Theory, but would provide a strong foundation if the student would choose to enroll in AP in the future.

Credits: 0.5
Length: Semester
Grade: 10-12

Guitar I

Course ID: 1830
Guitar I is a one-semester course for beginner guitarists, dedicated to providing a musically enriching experience for students who wish to keep music in their lives. Students will learn to play guitar by ear and from music notation while studying various musical styles and introductory music theory.

Credits: 0.5
Length: Semester
Grade: 9-12

Jazz Class

Course ID: 1805
Jazz Class is designed to provide students with the opportunity to perform and encounter the various styles that make up the music of Jazz. The styles of music performed and examined will allow the students to gain access to musical concepts that are not consistently part of the marching or concert band experience. A combination of improvisation, ear training, basic theoretical knowledge, and performance will serve as the focus of this course. There will be an emphasis on the history of jazz and its' style development.

Credits: 1
Length: Full Year
Grade: 9-12

Music Production

Course ID: 1808
Are you interested in learning more about modern music-making? This course focuses on the technology and production of music in the 21st century. Students do not need to have formal music experience or familiarity playing an instrument in order to take this course. This class is designed for music makers who want to learn more about the music industry, and how to make music using technology.

Credits: 0.5
Length: Semester
Grade: 9-12

Piano I

Course ID: 1831
Piano I is a one-semester course for beginner pianists, dedicated to providing a musically enriching experience for students who wish to keep music in their lives. Students will learn to play piano by ear and from music notation while studying musical styles and introductory music theory. Piano I, along with Introduction to Music Theory, is highly recommended as preparation for AP Music Theory.

Credits: 0.5
Length: Semester
Grade: 9-12

MUSIC

Piano II

Pre-requisite: Piano I

Course ID:
1832

Piano II is a one-semester course for intermediate pianists, dedicated to providing the opportunity for students who wish to continue to develop the skills obtained in Piano I. Students will encounter new time signatures, tonalities and keys, and advanced musical terminology. The student will broaden their musical horizons by being able to obtain a higher level of technical proficiency.

Credits: 0.5
Length: Semester
Grade: 9-12

Music Theatre History and Performance

Course ID:
1845

Musical Theatre History & Performance is a one semester course designed for the student to explore the art and practice of Musical Theatre. The course is performance and history based in which the student will learn audition techniques, vocal training, "acting the song", artistic resume building, the eras of musical theatre and research techniques.

Credits: 0.5
Length: Semester
Grade: 11-12

Symphonic Band

Pre-requisite: Band Experience

Course ID:
1800

The Wilson Symphonic Band is a two-semester course dedicated to the performance of quality band literature. The Symphonic Band will perform a number of concerts and community events throughout the school year. The emphasis of the course is the love of life and the uplifting of the human spirit that comes from positive human and musical interaction. The student will improve skills as both an individual and an ensemble performer while enhancing knowledge of music history and critical listening skills.

Credits: 1
Length: Full Year
Grade: 9-12

Band/Chorus/Orchestra

Pre-requisite: Band Experience

Course ID:
1815

The Wilson Band/Chorus/Orchestra is a two-semester combination of students participating in Band, Chorus, and Orchestra. Students participating in multiple music programs will have an alternating schedule developed with the instructors.

Credits: 1
Length: Full Year
Grade: 9-12

Orchestra

Course ID:
1810

The Wilson Orchestra is a two-semester course dedicated to the performance of orchestral literature. The Wilson High School Orchestra performs two concerts annually and consists of students who play the violin, viola, cello, and string bass. Each concert includes both string and full orchestra repertoire with wind, brass, and percussionists enrolled in Symphonic Band. In class, we focus on advancing string techniques and explore a variety of genres of string repertoire while enhancing musicianship and critical listening.

Credits: 1
Length: Full Year
Grade: 9-12

Concert Choir

Course ID:
1825

Concert Choir is a two-semester course dedicated to the performance of quality chorus literature. Students will improve vocal technique and develop a high level of musicianship. Diverse repertoire will foster an understanding of the power of music across cultures.

Credits: 1
Length: Full Year
Grade: 9-12

PHYSICAL EDUCATION

Health

Course ID: 3050	Health Education focuses on a comprehensive view of health and wellness. Through multiple media avenues, students will explore the topics of stress management, mental health, nutrition, non-communicable diseases, drug and alcohol awareness, and sex education.	Credits: 0.5 Length: Semester Grade: 9-12
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Virtual Health

Course ID: 3060	Virtual Health Education is an online course hosted by Schoology, that focuses on a comprehensive view of health and wellness. Through multiple media avenues, students will explore the topics of stress management, mental health, nutrition, non-communicable diseases, drugs and alcohol awareness, and sex education. Students will also be introduced to 21st-century computer skills and gain an understanding of how to manage taking an online course. The students are supported through online communication tools (email or instant messaging) or by scheduling a Google meet. Only students with strong organizational skills and self-drive are encouraged to sign up for the course.	Credits: 0.5 Length: Semester Grade: 9-12
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Sport Specific Strength and Conditioning Level I Physical Education Course

Course ID: 3301-15	Do you feel like you need more hours in your day to meet athletic, academic, and recovery goals? The Sport Specific Strength and Conditioning course will meet your individual fitness needs and gives back hours spent after school in gyms. The class will occur early in the day, before the student-athlete's lunch periods allowing recovery for after-school competitions or practices. Individuals will register by their focus sport to train with teammates, but alterations will be made to accommodate all in-season athletes. Students who wish to participate in strength training but do not play a Wilson High School sport should take WT Strength, and Conditioning offered on the course selection guide.	Credits: 1.0 Length: Year Grade: 9-12
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Red Cross First Aid, CPR, and AED Certifications Level I Physical Education Course

Course ID: 3019	Are you prepared to help a friend or family member in a crisis situation? Do you want to participate in a job that will require up-to-date lifesaving skills while you are entrusted with lives that could require aid at a moment's notice? Earn your Red Cross CPR, AED, and First Aid Certification to be prepared to help others in crisis situations and increase your marketability. The class will follow the Red Cross Learning Manual and involve real world situations to assess your emergency readiness.	Credits: 0.5 Length: Semester Grade: 9-12
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Driver Education - Virtual

Course ID: 3500	Virtual Driver Education is an online course hosted by Schoology, based on the Pennsylvania Department of Education Content Expectations. Through multiple media avenues, students will explore traffic statistics, fundamental driving skills, PA traffic laws, perceptions of driving, and physical and emotional conditions that affect drivers. Students will also be introduced to 21st-century computer skills and gain an understanding of how to manage taking an online course. The students are supported through online communication tools (email or instant messaging) or by scheduling a Google meet.	Credits: 0.25 Length: One Marking Period Grade: 10-12
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Completion of Virtual Driver Education with a 60% or higher will earn the student a certificate of completion and a possible reduction on their car insurance. Students interested in participating in the optional Behind the Wheel program should contact Mr. Dries for more information.

PHYSICAL EDUCATION

Wellness Through Strength And Fitness

Level I Physical Education Course

Course ID: 3020 The course teaches students strength and conditioning skills and techniques. Multiple principles of training are implemented. Using progressive resistance exercise (PRE), flexibility exercises, plyometric form running drills, and aerobic activity programs, students will develop/maintain a high level of physical conditioning throughout the year. Student evaluation is based on quarterly testing in strength and fitness, as well as completion of all prescribed work. This course is not limited to students participating in varsity athletics and may be taken one year for credits.

Credits: 1
Length: Full Year
Grade: 9-12

Wellness Through Games and Sport

Level I Physical Education Course

Course ID: 3014 This course provides an opportunity to explore fitness with an emphasis on games and sports. Physical wellness will be achieved through sports-specific workouts to help maintain/improve the following health-related components of fitness: cardiorespiratory fitness, flexibility, muscular strength, and muscular endurance. Other physical fitness activities will include cooperative games, invasion, net and wall, target, and fielding, and striking games/sports. Various tools will be used to assess student progress and goal achievement. Students will leave this course with an understanding of how to develop their own physical fitness program.

Credits: 0.5
Length: Semester
Grade: 9-12

Wellness Through Virtual Personal Fitness

Level I Physical Education Course

Course ID: 3113 An online course with the ultimate goal of empowering students with the skills necessary to assess, develop, and maintain their personal fitness status. This course is designed for students who learn independently, are well organized, self-motivated, and computer savvy. The class is ideal for those learners that cannot fit a traditional physical education into their schedules and would like to explore the world of online education. Fitness development will be assessed throughout the semester during face-to-face meetings with the instructor using cardiovascular fitness and body composition tests. Students must understand that the aforementioned fitness development assessments will be a factor in their quarter grade. Each week, students will be responsible for an exercise journal that ties the weekly learning objective to their individualized fitness development plan. Most communication is conducted via email, text messages, and digital forums; however, the instructor has daily office hours to answer student questions and concerns.

Credits: 0.5
Length: Semester
Grade: 9-12

Boot Camp Fitness

Level I Physical Education Course

Course ID: 3023 This course aims to improve students' overall fitness in preparation for the military entrance physical fitness test. The facilitating teachers will collaborate with JROTC directors to ensure the program is aligned with military entrance standards. Additionally, the course will focus on overall fitness development, benefiting all students that want to take their physical health status to the next level.

Credits: 0.5
Length: Semester
Grade: 9-12

PHYSICAL EDUCATION

Stress Management (Health Elective)

Course ID: 3202 Stress is not caused by the daily occurrences that happen in our lives, but our reactions to the situations. A correctly implemented stress reduction plan will increase concentration, decrease anxiety, and create the emotional distance needed to respond appropriately. Effectively managing stress often leads to an improved health status. The course will analyze the anatomy and physiology of the stress reaction. By investigating historical trends and current research, students will be equipped with the tools to make the stress reaction their “friend.” With examination, analysis, and authentic participation in stress management techniques, students will create an individualized stress management plan to meet their daily needs.

Credits: 0.5
Length: Semester
Grade: 10-12

Advanced Strength And Fitness

Level II Physical Education Course; Pre-requisite: Wellness Through Strength & Fitness

Course ID: 3028 Advanced techniques of progressive resistance exercise (PRE) are implemented as well as in-depth study of theory in exercise science. Students recommended for this course will enter with a strong background in strength and conditioning principles and be highly motivated. Evaluation of students is based on end-of-quarter testing for strength and fitness levels and knowledge of the principles being studied. Attendance and participation are very important aspects of this course. Students in Strength/Fitness II will have the opportunity to design and implement an individualized program.

Credits: 1
Length: Full Year
Grade: 10-12

Athletic Training and Injury Prevention (Health Elective)

Course ID: 3018 This course will introduce students to athletic training by focusing on the care and prevention of athletic injuries. Topics include but are not limited to injury prevention, injury assessment, injury rehabilitation, and counseling techniques used in caring for athletes. Students will explore upper and lower extremity injuries by applying taping strategies, bracing techniques, baseline assessments, and emergency care of an injured patient.

Credits: 0.5
Length: Semester
Grade: 10-12

Wellness through Yoga and Pilates

Level I Physical Education Course

Course ID: 3010 The course provides an opportunity to explore fitness with an emphasis on introductory Yoga and Pilates concepts. Physical wellness will be achieved through physical fitness workouts designed to strengthen, align, and balance one's body. This includes cardiorespiratory fitness, muscular strength, muscular endurance, and flexibility workouts centered around Yoga and Pilates. Students will also improve their mental, emotional and physical wellness in this course. Mental and emotional wellness will be achieved through mindfulness activities, stress prevention, and relief techniques. self-analysis, self-reflection, fitness tests, and various other tools will be used to assess student progress, goals, and will be utilized for grading purposes. Students will leave this course with an understanding of how to develop their own physical fitness program. Yoga mats will be provided, however, the purchase of one's own yoga mat is allowed. The use of cell phones is not permitted in this course.

Credits: 0.5
Length: Semester
Grade: 9-12

READING

Reading Strategies - 9th Grade

Course ID:
1177

Reading Strategies 9 meets one period a day for the entire year. This course is designed for 9th grade students who demonstrate the need to increase their reading comprehension and vocabulary. Reading materials will consist of content area texts, contemporary novels, and other genres of literature. The course highlights independent reading of student-selected novels, responding to literature through discussion and writing, content area strategy instruction, and extending critical reading skills. Students will develop skills and strategies at their instructional reading level and then work to "push these skills out" into their content area classes. Students will be placed in this class based upon results of the PSSA scores, GRADE assessments, and teacher recommendations.

Credits: 1
Length: Full Year
Grade: 9

Reading Strategies - 10th Grade

Course ID:
1178

Reading Strategies 10 meets one period a day for the entire year. This course is designed for 10th grade students who demonstrate the need to increase their reading comprehension and vocabulary. Reading materials will consist of content area texts, contemporary novels, and other genres of literature. The course highlights independent reading of student-selected novels, responding to literature through discussion and writing, content area strategy instruction, and extending critical reading skills. Students will develop skills and strategies at their instructional reading level and then work to "push these skills out" into their content area classes. Students will be placed in this class based upon results of the GRADE assessments, local assessments, and teacher recommendations.

Credits: 1
Length: Full Year
Grade: 10

Reading Strategies - 11th Grade

Course ID:
1179

Reading Strategies 11 meets one period a day for the entire year. This course is designed for 11th grade students who demonstrate the need to increase their reading comprehension and vocabulary. Reading materials will consist of content area texts, contemporary novels, and other genres of literature. The course highlights independent reading of student-selected novels, responding to literature through discussion and writing, content area strategy instruction, and extending critical reading skills. Students will develop skills and strategies at their instructional reading level and then work to "push these skills out" into their content area classes. Students will be placed in this class based upon results of the GRADE assessments, local assessments, and teacher recommendations.

Credits: 1
Length: Full Year
Grade: 11

SCIENCE

Integrated Science CP

Course ID: 1404 Integrated Science provides students with a curriculum designed to explore and develop solutions to real-world problems. Students will learn how to apply content related to life, physical, and earth sciences. This course helps establish the foundation for future science courses taken throughout students' careers at Wilson High School.

Credits: 1
Length: Full Year
Grade: 9

Integrated Science Honors

Course ID: 1408 Honors Integrated science takes a deeper dive into the topics covered in CP. Students will learn scientific content and principles related to solving specific problems, with an emphasis on the integration of the different types of science required to solve these problems. Students will also conduct in an independent research project of their choosing.

Credits: 1
Length: Full Year
Grade: 9

Honors ISTEM Integrated Science

Students must be enrolled in I-STEM to participate in this course

Course ID: 7122 Science course content will include waves and electromagnetic radiation, human sustainability, matter and energy, chemical reactions, space systems, weather, and ecosystems. Course content will be introduced in a PBL (Project Based Learning) environment.

Credits: 1
Length: Full Year
Grade: 9-12

Physics CP

Pre-requisite: Algebra II taken concurrently or previously

Course ID: 1440 College Prep Physics provides a conceptual overview of the basic principles of mechanics, electricity, light, sound, and wave mechanics. Laboratory work reinforces the subject material. Reasoning skills are emphasized over mathematical problem-solving.

Credits: 1
Length: Full Year
Grade: 10-12

Physics - Honors

Algebra II must be taken concurrently or previously

Course ID: 1445 Honors Physics is a traditional physics course that provides the basis for college physics classes and the AP courses: kinematics (1D, 2D, and circular motion), forces, mechanical energy, electricity, light, and sound. Mathematical problem-solving and reasoning skills are emphasized. Laboratory work (hands on and computer simulated) reinforces the presented subject material.

Credits: 1
Length: Full Year
Grade: 10-12

Honors ISTEM Physics

Students must be enrolled in I-STEM to participate in this course

Course ID: 7111 In this integrated course the projects drive the content that is presented. Traditionally, projects are devised to supplement the content that is being taught. Project completion times will have a range of 2-8 weeks based upon project complexity. Students will hone their higher level mathematical skills as "application" will be required at all times. Students will also learn to work in teams, compromise during decision making, and interact with mentors both in person and virtually. Students will continually be immersed in situations that force them to problem solve, critically think, and troubleshoot. Some examples of possible projects are the following: Tic Tac Toe Manufacturing, Pumpkin Chucking, Materials Testing, Truss Bridge Building, Microcontroller, and a Rube Goldberg Design.*

Credits: 1
Length: Full Year
Grade: 9-12

**Courses within Honors ISTEM:
Honors ISTEM Physics, Honors ISTEM
Makers and Innovators, Honors
ISTEM Mathematics for Algebra 2.
Please note: Students can choose
between Honors or CP English*

SCIENCE

Health Science CP

Course ID:
1492

Health Science applies the fundamentals of general science to investigate careers in the health care industry. The course will explore a wide array of health science fields including environmental health, occupational health, radiological health, toxicology, clinical medicine, and dental and nursing practice. This course supports students planning careers in science and the health care professions.

Credits: 0.5
Length: Semester
Grade: 9-12

Physics Mechanics AP

Pre-requisite: Algebra 2

Course ID:
1446

AP Physics is an in-depth study of the basic concepts of mechanics. Mathematical aspects of vector components, vector products, trigonometric functions, and calculus will be emphasized. The course will follow the prescribed Advanced Placement curriculum. Note: This is a lab course requiring one day of lab in the six-day cycle during a different class period.

Credits: 1.2
Length: Full Year
Grade: 10-12

Physics Electricity And Magnetism - AP

Pre-requisite: Algebra 2

Course ID:
1447

AP Physics E/M is an in depth study of the basic concepts of electromagnetism. Mathematical aspects of vector components, vector products, trigonometric functions, and calculus will be emphasized. The course will follow the prescribed Advanced Placement curriculum. Note: This is a lab course requiring one day of lab in the six day cycle during a different class period.

Credits: 1.2
Length: Full Year
Grade: 10-12

Physics of Astronomy CP

Course ID:
1475

The Physics of Astronomy investigates our solar system, stars and their evolution, galaxies and the universe as a whole will be studied. Laboratory investigations and computer simulations will be used to supplement classroom work.

Credits: 1
Length: Full Year
Grade: 9-12

Chemistry CP

Pre-requisite: Algebra I or successful completion of Integrated Science

Course ID:
1425

College Prep Chemistry is a study of the structure and composition of matter and the changes that matter undergoes during chemical reactions. Students will develop an understanding of energy, atomic structure, chemical bonding, the arrangement of the Periodic Table, and chemical equations. An emphasis on algebra will be used to aid in the understanding of concepts.

Credits: 1
Length: Full Year
Grade: 10-12

Chemistry - Honors

Pre-requisite: Algebra I or successful completion of Integrated Science

Course ID:
1430

Honors Chemistry is an in-depth study of the structure and composition of matter and the changes that matter undergoes during chemical reactions. The topics covered include composition of materials, atomic structure, bonding, heat energy, acids-bases, and stoichiometry. Laboratory work supplements theoretical concepts. A strong emphasis on algebra will be used to aid in the understanding of concepts

Credits: 1
Length: Full Year
Grade: 10-12

SCIENCE

Chemistry - AP

Pre-requisite: Honors Chemistry

Course ID: 1435 AP Chemistry is an in-depth study of the mole concept, stoichiometry, thermochemistry, acid-base theory, chemical equilibrium, and kinetics. Course materials and laboratory experiences are based on the prescribed Advanced Placement curriculum and will require the use of scientific graphing calculators. Students are required to take the AP examination in May to possibly earn college credits. Note: This is a lab course requiring two days of lab in the six day cycle during a different class period.

Credits: 1.4
Length: Full Year
Grade: 11-12

Science, Ethics, and Contemporary Issues - CP

Course ID: 1484 Science, Ethics, and Contemporary issues is an analysis of the issues, events, scientific research and global influences of current scientific developments. This course explores the cause and effect relationship of the science related events of our time and evaluates their possible impact on the future of our world. The course design allows students to develop the research and debate skills that will be used to examine current scientific issues of the 21st century.

Credits: 0.5
Length: Semester
Grade: 10-12

Materials Science CP

Pre-requisite: College Prep Chemistry or Honors Chemistry

Course ID: 1490 Materials Science explores the relationships between the structure and properties in all classes of substances including metals, ceramics, electronic materials, and bio-materials. The course investigates the synthesis of improving materials in response to challenges in the areas of energy, the environment, medicine, and manufacturing. This course is designed to give students a significant and unique advantage in material use and its application in 21st century Art, Science, and Engineering. This course supports students planning careers in science and engineering professions.

Credits: 0.5
Length: Semester
Grade: 11-12

Organic Chemistry - Honors

Pre-requisite: College Prep Chemistry or Honors Chemistry

Course ID: 1493 Honors Organic Chemistry explores not only the nomenclature of organic compounds but also the relationship between structure and function, classes of reactions, reaction mechanisms, synthesis of organic compounds, and identification by spectroscopic techniques. This course will challenge students' ability to think critically and make connections, in a broader sense, between the sciences. It will also focus extensively on laboratory techniques and the application of learned concepts to the real world. This course supports students planning careers in science, chemical engineering and the health care professions.

Credits: 0.5
Length: Semester
Grade: 11-12

Biology CP

Pre-requisite: Algebra I or successful completion of Integrated Science

Course ID: 1415 College Prep Biology is an introductory course to the study of biology. The major concepts of Biology will be explored such as biochemistry and the molecular basis of life, cellular organization and function, genetics and heredity, evolution and the origin of life. Lab experiments will reinforce course concepts, and students will be expected to utilize critical thinking skills and methods of scientific inquiry to further their knowledge of science as a process. This course has a culminating Keystone Biology Exam.

Credits: 1
Length: Full Year
Grade: 10-11

SCIENCE

Biology - Honors

Pre-requisite: Algebra I or successful completion of Integrated Science

Course ID: 1417 Honors Biology is an introductory course designed for students who are planning a career in science as well as a foundational course for students who plan to take AP Biology. The major concepts of Biology will be explored from both the micro- and macro- scales and will include such topics as biochemistry and the molecular basis of life, cellular organization and function, genetics and heredity, evolution and the origin of life, taxonomical classification of organisms, and the interactions of organisms with their environment. Lab experiments will reinforce course concepts, and students will be expected to utilize critical thinking skills and methods of scientific inquiry to further their knowledge of science as a process. Several assignments may be required during the summer in preparation for this course. This course has a culminating Keystone Biology Exam.

Credits: 1
Length: Full Year
Grade: 10-11

Biology - AP

Pre-requisite: Honors Biology & Honors Chemistry

Course ID: 1411 AP Biology is the equivalent of a college introductory biology course. Learning outcomes include a grasp of science as a process of inquiry; recognition of the themes that integrate the major topics of biology; and the application of biological information to environmental and social issues. Students are required to take the AP exam in May to possibly earn college credits. Note: This is a lab course requiring three days of lab in the six day cycle during a different class period.

Credits: 1.6
Length: Full Year
Grade: 11-12

Environmental Science - AP

Pre-requisite: Honors Biology and Honors Chemistry

Course ID: 1460 AP Environmental Science is the equivalent of an introductory environmental science college course. Emphasis is placed on the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world (ecology). Ecological principles are used to identify and analyze environmental problems both natural and human-made, the relative risks associated with these problems, and the alternative solutions for resolving and/or preventing them. Field trips provide on-site experiences; the cost for these trips will be the student's responsibility. (Included among these experiences is a five-day field trip to the Marine Science Consortium at Wallops Island, Virginia) Strong analysis and synthesis skills will be developed and used extensively in all work done in this course. Note: This is a lab course requiring one day of lab in the six day cycle during a different class period.

Credits: 1.2
Length: Full Year
Grade: 11-12

Environmental Sustainability - Honors

Introduction to Engineering Design or Principles of Engineering (for Engineering Students only)

Course ID: 1418 In ES, students investigate and design solutions in response to real-world challenges related to clean and abundant drinking water, food supply issues, and renewable energy. Applying their knowledge through hands-on activities and simulations, students research and design potential solutions to these true-to-life challenges.

Credits: 1
Length: Full Year
Grade: 10-12

Anatomy and Physiology - CP

Course ID: 1480 Anatomy and Physiology explores the structures and functions of the systems comprising the human body. An equal emphasis will be placed on physiological mechanisms as well as a thorough understanding of anatomy. The inter-relatedness of such systems as the skeletal, muscular, nervous, digestive, and circulatory will be explored. Students will apply their knowledge in the analysis of clinical case studies. Laboratory investigations involving dissections will be offered. This course supports students planning careers in science and the health care professions.

Credits: 1
Length: Full Year
Grade: 9-12

SCIENCE

Microbiology - CP

Pre-requisite: College Prep or Honors Biology

Course ID: 1419 Microbiology explores the world of bacteria, viruses, and fungi and their influence on humans. Microbe-related topics include disease, bio-terrorism, food production, biotechnology, and ecology. With a lab intensive approach, this course supports students planning careers in science and the health care professions.

Credits: 0.5
Length: Semester
Grade: 11-12

PA Nature - CP

Course ID: 1413 Do you like the outdoors? Do you like to camp, hike, fish, or hunt? If so, here is a course for you. PA Nature explores the wilderness of Pennsylvania. This semester course includes visits to Hawk Mountain and Cabela's, as well as field studies at the Tulpehocken Creek and wetland areas. This class includes dissection of animals, and observation of preserved specimens and skulls, plants, rocks and minerals. An adventure awaits. Classwork and assessments will all be in the form of lab reports and projects. Sign up and study the great outdoors of Pennsylvania.

Credits: 0.5
Length: Semester
Grade: 9-12

Zoology: The Science of Animals

Pre-requisite: None required, College Prep or Honors Biology recommended

Course ID: 1437 This course focuses on the taxonomy and classification of organisms around the world. Students will find out more about the structure and function of life on this planet and how it's organized into groups based on relatedness and common features. Students will investigate how organisms within different phyla, class, orders, family, genus and species are adapted to their environment both structurally and behaviorally. Students will collaborate with peers through group discussion, dissections, and more.

Credits: 0.5
Length: Semester
Grade: 9-12

Bio Medical Technology - Honors

Pre-requisite: College Prep or Honors Chemistry

Course ID: 1483 Biomedical Technology is an introduction to the expanding field of BioMedical Technology. This course provides students with the tools for practical success in the field through an emphasis on hands-on laboratory techniques used in industry, as well as career explorations, and discussion of topics in biotechnology. Medical and pharmaceutical topics will be explored, and human micro-anatomy will be examined in Histology and Pathology lab activities using advanced digital microscopes. This is an opportunity to for college level laboratory experiences. One of the capstone labs is the cloning of a gene and transformation of bacteria with the gene. This course supports students planning careers in science and the health care professions.

Credits: 0.5
Length: Semester
Grade: 10-12

Forensic Science - CP

Course ID: 1471 Forensic Science explores the world of science in a completely new way! This course applies science to the criminal justice system. Content includes crime investigation and collection and analysis of evidence such as hair, fibers, fingerprints, DNA, blood, and ballistics. Students will develop precision in obtaining and analyzing data and communicating results through the use of court testimony, case studies, and projects. Note: this course contains graphic material.

Credits: 1
Length: Full Year
Grade: 10-12

SCIENCE

Botany: The Science of Plants

Course ID: 1436 This course will look into many different aspects of plants. Students will learn about the different classifications of plants, their life cycles, and ways that they grow. Students will get to view plant tissues under the microscope, as well as travel to various locations such as Longwood gardens to learn about plants from around the world. The second part of the course will focus on how plants affect our lives. Students will investigate the role that plants play in medicine, industry, and feeding the world. They will also learn how changes in the way that we grow crops and interact with local ecosystems can increase the health of both people and the local ecosystems. Lastly, students will investigate how humans have affected ecosystems and how that has caused increases in certain natural disasters and possible solutions to these problems.

Credits: 0.5
Length: Semester
Grade: 10-12

Marine Science

Course ID: 1438 Marine Science is the study of the oceans on planet Earth. Students will partake in experiments, modeling, and research to explore how humans are impacting the ocean, marine ecosystems around the world, seafloor features, the chemistry and biology of the ocean, and much more. Students will also be involved in analyzing real- world data from our oceans to help solve problems.

Credits: 0.5
Length: Semester
Grade: 10-12

SOCIAL STUDIES

US History II - CP

Course ID: 1203 CP United States History II is a year long, comprehensive study of the development of social, political, economic, demographic, and cultural continuities of the United States from 1890 to the present. The evolution of America's society will be reviewed. Additionally, the survey course focuses on the people, ideas, and events that have helped shape modern America. In addition to learning the skills used by the historian, the student is taught to view our nation's history as a continuous process of change and growth.

Credits: 1
Length: Full Year
Grade: 9

US History II - CP Virtual

Course ID: 1204 CP Virtual United States History II is an online course that follows the same curriculum scope and sequence as CP US History II; however, instruction will be entirely self-driven with the teacher serving as a facilitator to assist students in their self-discovery. The teacher will post assignment and activities designed to guide and challenge students during their self-inquiry. Students may occasionally meet with the classroom teacher, however, the majority of the study will be self-guided. Students should be self-motivated and are required to have out-of-school access to the internet.

Credits: 1
Length: Full Year
Grade: 9

U.S. History - Honors

Pre-requisite: Teacher Recommendation

Course ID: 1211 This class examines the growth of the United States from the 1860s to the modern era. While the content is similar to that being taught at the CP level, the Honors class is designed to prepare freshmen for the increased rigors and expectations that accompany future Social Studies Advanced Placement courses. While some units are taught in a traditional chronological approach, others are presented in a thematic approach that requires students to utilize critical thinking in understanding the development of American life through different eras. While traditional exams will be given at times, this course is heavily dependent upon both short-term and extended project-based assessments. Additionally, students are introduced to principles of research, historical study, and historical writing, with a particular focus on primary document analysis. The course will challenge students to develop connections across various examples in the material as well as how past events and issues affected the 21st Century. The completion of summer work will be expected.

Credits: 1
Length: Full Year
Grade: 9

US History AP

Pre-requisite: Teacher Recommendation

Course ID: 1210 Taught on the college level, AP United States History follows the prescribed Advanced Placement curriculum. This course will focus on selected topics critical to the understanding of the formation and development of the nation. The course will also prepare students for the study of history on the college level by developing writing, research, and examination skills required by typical college courses. Students are encouraged to earn college credit and possible advancement by demonstrating their competence on the AP exam. **The completion of a summer reading list and accompanying assignments required throughout the summer.**

Credits: 1
Length: Full Year
Grade: 9 & Elective

SOCIAL STUDIES

America and the World - CP

Course ID:
1227

CP America & the World will require students to develop a detailed understanding of how the United States interacts with other nations. Topics included in the course will consist of (but not be limited to) US foreign policy, international politics, cultural studies, and comparative religions. Areas to be studied will change according to current world conditions; however a detailed examination of the Middle East, China, and India will regularly take place.

Credits: 1
Length: Full Year
Grade: 10

America and The World - CP Virtual

Course ID:
1228

CP Virtual America & the World is an online course that follows the same curriculum scope and sequence as CP America & the World; however, instruction will be entirely self-driven with the teacher serving as a facilitator to assist students in their self-discovery. The teacher will post assignment and activities designed to guide and challenge students during their self-inquiry. Students may occasionally meet with the classroom teacher however; the majority of the study will be self-guided. Students should be self-motivated and are required to have out-of-school access to the internet.

Credits: 1
Length: Full Year
Grade: 10

America and the World - Honors

Pre-requisite: Teacher Recommendation

Course ID:
1231

Honors America & the World will provide a comprehensive examination of the relationship between the United States and various regions and countries around the world. These relationships will be explored through historic connections, current world events, and cultural similarities and differences. The course will begin with an overview of American foreign policy and proceed to examine the relationships the US has with the Caribbean, the Middle East, Russia, China, South Asia (including India), and Africa. This course is a challenging, rigorous class that emphasizes deductive reasoning and critical thinking, strong communication and writing skills, and the use of document based questions. Students will be expected to be active participants in discussions, debates, and presentations. **Summer work may be assigned.**

Credits: 1
Length: Full Year
Grade: 10

Word History AP

Pre-requisite: Teacher Recommendation

Course ID:
1213

Taught on the college level, AP World History follows the prescribed Advanced Placement curriculum. The purpose of the AP World History course is to develop greater understanding of the evolution of global processes and contacts in different types of human societies. This understanding is advanced through a combination of selective factual knowledge and appropriate analytical skills. The course highlights the nature of changes in global frameworks and their causes and consequences, as well as comparisons among major societies. It emphasizes relevant factual knowledge, leading interpretive issues, and skills in analyzing types of historical evidence. Periodization, explicitly discussed, forms an organizing principle to address change and continuity throughout the course. Specific themes provide further organization to the course, along with consistent attention to contacts among societies that form the core of world history as a field of study. **The completion of a summer reading list and accompanying assignments may be required throughout the summer.**

Credits: 1
Length: Full Year
Grade: 10, 11, & 12 Elective

SOCIAL STUDIES

Civics - CP

Course ID: 1216 CP Civics will offer students a strong introduction to government, citizenship, and the American economic and legal systems. Major units of study that are addressed during CP Civics include - the foundations of political and economic democracy, citizen interaction in the economy, citizen rights and responsibilities, government and citizen interaction on local, state, and national issues, global interdependence, and citizen influence of public policy.

Credits: 1
Length: Full Year
Grade: 11

Civics - CP Virtual

Course ID: 1217 CP Virtual Civics is an online course that follows the same curriculum scope and sequence as CP Civics; however, instruction will be entirely self-driven with the teacher serving as a facilitator to assist students in their self-discovery. The teacher will post assignment and activities designed to guide and challenge students during their self-inquiry. Students may occasionally meet with the classroom teacher however; the majority of the study will be self-guided. Students should be self-motivated and are required to have out-of-school access to the internet.

Credits: 1
Length: Full Year
Grade: 11

Civics - Honors

Pre-requisite: Teacher Recommendation

Course ID: 1219 Like CP Civics, this course will provide a comprehensive introduction to America's governmental and legal systems. Major units of study will emphasize the foundations and major documents of political democracy, the structure, role, and interactions of governmental branches and agencies, the electoral process and political parties, individual rights and responsibilities, international relationships, and the courts and criminal justice system. Honors Civics is a challenging, rigorous class that places a strong emphasis on higher order thinking skills, primary source analysis, and communication skills. Students will be expected to actively participate in debates, full-class and small-group discussions, individual and group presentations, extended writing assignments, and class simulations. **The completion of summer work may be an expectation.**

Credits: 1
Length: Full Year
Grade: 11

U.S. Government & Politics AP

Pre-requisite: Teacher Recommendation

Course ID: 1232 Taught on the college level, AP US Government and Politics follows a prescribed Advanced Placement curriculum. Students will study the principles of the United States government and politics. It places primary emphasis on the study of government institutions, linking citizens to government, and general concepts used to interpret U.S. politics. Students will study political parties, interest groups, public policy, and civil rights. They are encouraged to earn college credit and possible advancement by demonstrating their competence on the AP exams. **The completion of a summer work is required throughout the summer.**

Credits: 1
Length: Full Year
Grade: 11, 12

Microeconomics AP

Pre-requisite: Teacher Recommendation

Course ID: 1234 Taught on the college level, AP Microeconomics follows a prescribed Advanced Placement curriculum. Students will study the principles of microeconomics. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. Students are encouraged to earn college credit and possible advancement by demonstrating their competence on the AP exams. **The completion of a summer work may be required throughout the summer.**

Credits: 1
Length: Full Year
Grade: 12

SOCIAL STUDIES

Psychology AP

Pre-requisite: Teacher Recommendation

Course ID: 1250 Advanced Placement Psychology follows the prescribed AP curriculum. Students will study psychology from a historical as well as scientific perspective. They are encouraged to earn college credit and possible advancement by demonstrating their competence on the AP examination. Students will participate in sheep brain and eye dissections. **The completion of a summer reading list and accompanying assignments may be required throughout the summer.**

Credits: 1
Length: Full Year
Grade: 11, 12

Human Geography - AP

Pre-requisite: Teacher Recommendation

Course ID: 1278 Taught on the college level, AP Human Geography follows the prescribed Advanced Placement curriculum. This course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine the socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. **The completion of a summer reading list and accompanying assignments may be required throughout the summer.**

Credits: 1
Length: Full Year
Grade: 9-12

Contemporary Issues A - CP (Not Running 23-24 School Year)

Course ID: 1241 Contemporary Issues is designed to engage students in an analysis of the issues, events, personalities, and places that are currently influencing and shaping the modern political, economic, and social discourse and developments. CI-A will focus on important domestic topics and themes that are currently impacting the United States as well as specific local concerns that affect Pennsylvania and Berks County. CI-B will focus on significant international issues, movements, and events that are influencing today's global community. Students will explore the cause-and-effect relationship of these important issues and evaluate their possible future impact. Classroom learning experiences will depend heavily on active participation in civil discussion, debate, and presentations. While taught in a similar fashion, CI-A and CI-B are two different semester-long (half-a-year) courses and can be taken independently of one another. Students earn 0.5 credit for successful completion of each course.

Credits: 0.5
Length: Semester
Grade: 9-12

Contemporary Issues B - CP (Not Running 23-24 School Year)

Course ID: 1242 Contemporary Issues is designed to engage students in an analysis of the issues, events, personalities, and places that are currently influencing and shaping the modern political, economic, and social discourse and developments. CI-A will focus on important domestic topics and themes that are currently impacting the United States as well as specific local concerns that affect Pennsylvania and Berks County. CI-B will focus on significant international issues, movements, and events that are influencing today's global community. Students will explore the cause-and-effect relationship of these important issues and evaluate their possible future impact. Classroom learning experiences will depend heavily on active participation in civil discussion, debate, and presentations. While taught in a similar fashion, CI-A and CI-B are two different semester-long (half-a-year) courses and can be taken independently of one another. Students earn 0.5 credit for successful completion of each course.

Credits: 0.5
Length: Semester
Grade: 9-12

SOCIAL STUDIES

Psychology - CP

Course ID: 1252 CP Psychology is for college bound juniors and seniors who are interested in an introduction to psychology. CP Psychology will incorporate multiple hands on projects, essays, discussions, and tests. Students will examine the history of psychology as well as fundamental principles that underlie the discipline; such as development, memory, learning, personality and psychological disorders.

Credits: 0.5
Length: Semester
Grade: 11-12

Sociology - CP

Course ID: 1254 CP Sociology is for college bound juniors and seniors who are interested in an introduction to sociology. CP Sociology will incorporate hands-on projects, discussions, and tests. Students will survey the history of sociology as well as fundamental principles that underlie the discipline; such as culture, social structure, group behavior, socialization, family dynamics, gender, and race.

Credits: 0.5
Length: Semester
Grade: 11-12

Nazi Germany and The Holocaust - CP

Course ID: 1273 CP Nazi Germany is designed to examine the rise, reign, and ultimate collapse of Hitler and the Nazi party throughout Germany. While many content areas will be examined, special emphasis will be placed on Hitler's social agenda resulting in the Jewish Holocaust.

Credits: 0.5
Length: Semester
Grade: 9-12

East Asian Culture and History - CP

Course ID: 1261 CP East Asian Culture and History examines the history, culture, politics, economics, pop culture, and current events of East Asia. Because of the emergence of China, Korea, and Japan as major players in world politics and economics, students will develop a broader knowledge of this region.

Credits: 0.5
Length: Semester
Grade: 9-12

Crime & Justice - CP - Virtual

Course ID: 1281 Virtual Crime and Justice will allow students to investigate how crime, disorder, and justice are applied at different levels of society. The implications of civil liberties to changing global and economic trends will also be addressed. The teacher will post assignments and activities designed to guide and challenge students during their self-inquiry. Students may occasionally meet in the classroom with the teacher however; the majority of the student will be self-guided. Students should be self-motivated and are required to have out-of-school access to the internet.

Credits: 0.5
Length: Semester
Grade: 12

Terrorism and Counterterrorism - CP Virtual

Course ID: 1238 The course will allow students to investigate philosophical, political, and religious roots of terrorist activities and their effects. Threats from suicide bombers, as well as chemical, biological, radiological, and nuclear weapons as well as new threats in genomic terrorism, will be explored. Students will debate the practical, political, ethical, and moral questions raised by military and non-military responses to terrorism. The course will culminate with the development of future national and international responses to defend against terrorism. The teacher will post assignments and activities designed to guide and challenge students during their self-inquiry. Students may occasionally meet in the classroom with the teacher however; the majority of the student will be self-guided. Students should be self-motivated and are required to have out-of-school access to the internet.

Credits: 0.5
Length: Semester
Grade: 12

SOCIAL STUDIES

African American History - CP

Course ID: 1239 Students will gain an appreciation of the richness, diversity, and contributions of African-American culture to the United States. They will develop a knowledge of important people, events, and ideas, that have played a key role in shaping the history and culture of African-Americans, as well as, the United States of America. Additionally, students will explore the current narrative for African-Americans across the country and develop a knowledge of struggles and successes along the way.

Credits: 0.5
Length: Semester
Grade: 9-12

History of Sport & Society

Course ID: 1262 Students will explore the influence sports have had on various political, social, cultural and economic moments in history. They will develop an understanding of important people, events and ideas in sports that have helped shape US and World History. Key issues of the modern sports will be examined, with student theorizing how developing trends and conflicts will influence future decisions.

Credits: 0.5
Length: Semester
Grade: 9-12

History of Cinema on Society (Not Running 23-24 School Year)

Course ID: 1266 Explore the birth of cinema as an industry and examine the impact it had on American society. Discuss how new techniques and genres developed and influenced filmmaking in the 20th and 21st century. Examine how film was affected by the political, economic and social changes experienced throughout the 20th and 21st century. Identify key figures, films and moments in film history that impacted the history of cinema.

Credits: 0.5
Length: Semester
Grade: 9-12

The World Wars

Course ID: 1283 This course is designed to engage students in an exploration and analysis of the events, issues, countries, personalities, technologies, tactics, and military strategies that contributed to both World War I and World War II. From the start of the Great War with the assassination of Archduke Franz Ferdinand in 1914 to the ending of World War II with the dropping atomic bombs on Japan in 1945, students will gain a more insightful understanding of United States' role in each World War, how the conflicts were fought, the impact they had on the global society, and how they set the stage for future international disputes.

Credits: 0.5
Length: Semester
Grade: 9-12

Modern Combat

Course ID: 1284 This course is designed to engage students in an examination of the major military engagements that the United States fought throughout the end of the 20th century and beginning of the 21st century. Students will investigate how the relationship between the USA and USSR set the stage for the military conflicts that result from Cold War policies and practices. The causes, events, prominent leaders, emerging technologies, US involvement, and end-results of both the Korean and Vietnam Wars will be thoroughly studied. Additionally, students will examine the events surrounding the Iraqi invasion of Kuwait in the early 1990s and the international response led by the United States military. The 21st century War on Terrorism will also be analyzed.

Credits: 0.5
Length: Semester
Grade: 9-12

TECHNOLOGY & ENGINEERING

ISTEM: Algebra 2 Cluster

Pre-requisite: Must be eligible for ISTEM Mathematics Algebra II

Course ID: 7III I-STEM is a Science, Technology, Engineering, and Math course of study that integrates Honors ISTEM Physics, Honors ISTEM Makers and Innovators, Honors ISTEM Mathematics for Algebra II. The course is designed to help students explore and acquire the basic research and problem-solving skills to aid their later experiences in the STEM Academy or a potential career in a STEM related field. Field experiences, lab experiments, projects, and class trips will reinforce course concepts, and students will be expected to utilize critical thinking skills and problem solving abilities on a daily basis.

Credits: 3
Length: Full Year
Grade: 9-12

Courses within Honors ISTEM: Honors ISTEM Physics, Honors ISTEM Makers and Innovators, Honors ISTEM Mathematics for Algebra 2. Please note: Students can choose between Honors or CP English

Honors ISTEM Makers and Innovators ISTEM Concurrently

Course ID: 7III In this integrated course the projects drive the content that is presented. Traditionally, projects are devised to supplement the content that is being taught. Project completion times will have a range of 2-8 weeks based upon project complexity. Students will hone their higher level mathematical skills as “application” will be required at all times. Students will also learn to work in teams, compromise during decision making, and interact with mentors both in person and virtually. Students will continually be immersed in situations that force them to problem solve, critically think, and troubleshoot. Project examples include: Tic Tac Toe Manufacturing, Pumpkin Chucking, Materials Testing, Truss Bridge Building, Microcontroller Control, Infectious Disease Transmission, Rube Goldberg, and a research based project left to student choice.

Credits: 1
Length: Full Year
Grade: 9-12

ISTEM: Algebra 1 Cluster

Pre-requisite: Must be eligible for ISTEM Mathematics Algebra 1

Course ID: 7000 I-STEM is a Science, Technology, Engineering, and Math course of study that integrates Honors ISTEM Integrated Science, Honors ISTEM Creators of Curiosity, Honors ISTEM Mathematics for Algebra I. The course is designed to help students explore and acquire the basic research and problem-solving skills to aid their later experiences in the STEM Academy or a potential career in a STEM related field.

Credits: 3
Length: Full Year
Grade: 9-12

Field experiences, lab experiments, projects, and class trips will reinforce course concepts, and students will be expected to utilize critical thinking skills and problem solving abilities on a daily basis. A thematic approach engages students as they simulate a “Mission to Mars.”

Courses within Honors ISTEM Algebra 1 cluster: Honors ISTEM Integrated Science, Honors ISTEM Creators of Curiosity, Honors ISTEM Mathematics for Algebra 1.

Please note: Students can choose between Honors or CP English

TECHNOLOGY & ENGINEERING

Honors ISTEM Creators of Curiosity ISTEM Concurrently

Course ID: 7000 In this integrated course, the projects drive the content through a thematic approach. Students participate in a Mission to Mars as they complete the course. Project completion times will have a range of 2-8 weeks based upon project complexity. Students will hone their higher level mathematical skills as “application” will be required at all times. Students will also learn to work in teams, compromise during decision making, and interact with mentors both in person and virtually. Students will continually be immersed in situations that force them to problem solve, critically think, and troubleshoot.

Project examples include: Drones, Moon Rovers, Small Engines, Rockets, Terraforming, HAB Design, Aquaponics, and Solar Cells.

Credits: 1
Length: Full Year
Grade: 9-12

Game Development and Virtual Reality

Course ID: 2006 Game design and development are undergoing significant changes as immersive experiences like virtual reality continue to push the boundaries of storytelling, games, and interactive experiences. Creating your own game or virtual reality experience in this course leaves students with a significant accomplishment in this emerging field. In this course, students learn the skills you need to create virtual reality games and experiences through multiple pieces of software, such as Unity, and on multiple platforms, such as the HTC Vive. Learn the best ways to use the Unity game development engine and tackle the unique design challenges that arise when building for Virtual and Augmented Reality. You’ll learn how the game engine controls everything from moving platforms to artificial intelligence

Credits: 1
Length: Full Year
Grade: 10-12

Introduction To Engineering Design (IED) - Honors

Course ID: 2010 Introduction to Engineering Design (IED) is a high school level course that is appropriate for 9th or 10th-grade students who are interested in design and engineering. The major focus of the IED course is to expose students to design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation. Students will develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges that increase in difficulty throughout the course. In addition, students use 3D modeling design software to help them design solutions to solve proposed problems. The course assumes no previous knowledge, but students should be concurrently enrolled in college preparatory mathematics and science. Throughout the course, the students design and prototype their very own fully functional electric guitar.

Credits: 1
Length: Full Year
Grade: 9-12

TECHNOLOGY & ENGINEERING

Principles Of Engineering (POE) - Honors

Course ID:
2012

POE is an introductory engineering course designed to provide students with hands-on experiences in a variety of engineering areas. In the Energy and Power unit, students will build simple and complex machines, gear trains, electrical circuits, solar and hydrogen fuel cell vehicles and a winch system. In the Materials and Structures unit, students will investigate structures, build and test virtual bridges, balsa trusses, and analyze material properties. Students will also build and program robotic vehicles and projects, explore and build hydraulic and pneumatic fluid systems in the Control Systems unit. Projectile motion is covered in the Kinematics part of the course and includes virtual and actual projectile launches as well as statistics and probability lessons. POE emphasizes problem-solving skills and integrates the study of science, technology, engineering and math (STEM). This course provides students with a comprehensive overview of many engineering fields.

Credits: 1
Length: Full Year
Grade: 10-12

Computer Integrated Manufacturing (CIM) - Honors

Course ID:
2040

Computer Integrated Manufacturing bridges the gap between design and prototype. Students create projects on the computer using software programs such as Autodesk Inventor, EdgeCAM, RoboPro, RoboCELL, Adobe Illustrator, and more. Students are able to create their prototypes by learning to use a Laser Engraver, CNC 3-Axis Mill, Rapid Prototyping Machine, Robotic Arms, a 3-D Scanner, and other prototyping methods. This course exposes students to technologies that are on the cutting-edge, and are simply unparalleled in any other atmosphere.

Credits: 1
Length: Full Year
Grade: 10-12

Civil Engineering and Architecture (CEA) - Honors

Course ID:
2039

The major focus of this course is completing hands-on projects that involve the development of property sites and civil structures. The course provides students with real-life scenarios to model the experiences that civil engineers and architects face. Students work individually and in teams, exploring hands-on activities and projects to learn the characteristics of civil engineering and architecture. In addition, students use 3D design software to help them design solutions to solve major course projects. Areas of focus are land surveying, water resources and management, environmental issues, soil testing, architectural building design, landscape design, model building and structural strength of materials. Course elements are supplemented by activities with professional guest speakers and field trips.

Credits: 1
Length: Full Year
Grade: 10-12

Sports Technology and Innovation

Course ID:
2035

Sports Technology and Innovation explores the role of sports technologies and the way the innovation process is utilized to create new advancements in the world of sports. This course helps students to understand how technology is developed and integrated into the sports landscape. Students will engage in content and projects geared towards exploring the functional science behind sports-related technologies, and design and prototype pieces of technology of their own. An entire industry focused on bettering the performance of athletes and keeping them safe exists for students to explore. Project examples include: Golf ball flight design, Frisbee design, Playing surface study, Bank shot basketball, Billiard angles and collisions, Football helmets and head impacts, and more.

Credits: 0.5
Length: Semester
Grade: 10-12

TECHNOLOGY & ENGINEERING

Digital Electronics (DE) - Honors

Course ID:
2030

DE is a course that explores the foundation of all modern electronic devices such as cell phones, MP3 players, computers, digital cameras, and HDTV. Students will learn about electrical safety, learn how to solder various electronic kits, measure voltage, current, and resistance, identify various electronic components, interpret digital signals and waveforms, and build digital circuits on breadboards, such as timers, metronomes, and alarm systems. Students will also create and build counters and various digitally controlled devices, build and simulate virtual circuits and build and program circuits on programmable logic boards and explore the basics of digital memory circuits. This is a hands-on course that emphasizes problem-solving skills and integrates the study of science, technology, engineering and math (STEM). Digital Electronics provides students with a comprehensive overview of electronics and electrical engineering concepts.

Credits: 1
Length: Full Year
Grade: 11-12

Aerospace Engineering (AE) - Honors

Course ID:
2038

The major focus of this course is to expose students to the world of aeronautics, flight, and engineering through the fields of aeronautics, aerospace engineering and related areas of study. Lessons engage students in engineering design problems related to aerospace information systems, astronautics, rocketry, propulsion, the physics of space science, space life sciences, the biology of space science, principles of aeronautics, structures and materials, and systems engineering. Students work in teams utilizing hands-on activities, projects, and problems and are exposed to various situations faced by aerospace engineers. In addition, students use 3D design software to help design solutions to proposed problems. Students design intelligent vehicles to learn about documenting their project, solving problems and communicating their solutions to their peers and members of the professional community. This course is designed for 11th or 12th-grade students.

Credits: 1
Length: Full Year
Grade: 11-12

Engineering Design And Development (EDD) - Honors

Pre-requisite: Must be a senior, and have completed two other previous PLTW courses

Course ID:
2038

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

Credits: 1
Length: Full Year
Grade: 12

STEM Explorations

Course ID:
2007-09

This course is a hands-on class designed to benefit students with no prior experience and those with varying levels of prior experience. In this course, students will employ all aspects of the Technology and Engineering Department to design and create projects of their choice. Students will explore the design process while working through activities, projects, and problems in a self-directed, teacher supported lab environment. CAD, 3-D printing, laser engraving, CNC, prototyping, problem solving, Virtual Reality, programming, and skill development will be the foundation of this exploration and design course. The pace each student moves through the course will be dependent upon their previous experiences. Students can take the course for varying increments as small as one quarter in length.

Credits: 0.25-1
Length: Varies
Grade: 10-12

TECHNOLOGY & ENGINEERING

Visual Design and Image Manipulation

Course ID: 2090 Graphic and Visual Design is communication using art. Our world is becoming ever more visually stimulating, especially on screen. How do you process all this information? In this class you will learn about photography using a 35mm SLR camera and three programs in the Adobe Creative Suite: PS, AI and ID. You will make ideas visually appealing by exploring and working with fonts and what makes a design strong. Using Adobe programs, you will be introduced to print layout such as magazine covers, advertising, menus, etc. You can use these skills in any career you may end up doing.

Credits: 1
Length: Full Year
Grade: 9-12

Digital Video & Computer Animation

Course ID: 2094 This course introduces students to the latest in digital video production, post production, special effects and 2D/3D animation. All areas of video creation and production will be explored from determining audience to camera angles/shots, filming, editing, sound, titling and special effects. Students will also gain experience with DVD creation/authoring, as well as formatting video for web and devices. Students will also explore applications of 2D and 3D animation as they relate to video creation/production. Professional level software including Adobe Premiere, Soundbooth, Photoshop, After Effects and other programs will be utilized in this class. Students projects may include (but are not limited to) digital video commercials, documentaries, instructional videos, music videos, public service announcements, special events, newscasts and interviews. An Adobe Digital Video certification will be available for students that choose to pursue this option.

Credits: 1
Length: Full Year
Grade: 10-12

Technology and Engineering Collaborative Internship- Honors

Course ID: 2005 Workplace experience courses provide students with work experience in a field related to engineering or technology. The collaborative nature of the course provides classroom experiences and opportunities, while coordinating the internship aspect of a student's field experience. Classroom experiences allow students to engage in product or process design, where they have the opportunity to invent or innovate a product for their employer. Collaboration between the field placement, student, and instructor would allow for the utilization and leveraging of skills and equipment available throughout the shared experience. Content is specific to the workplace, but includes any and all subjects related to Technology and Engineering. For example, Civil Engineering, Industrial Engineering, Robotics, Web Design, Graphic Design, Videography, Photography, etc.

Credits: 1
Length: Full Year
Grade: 11-12

WORLD LANGUAGES

Mandarin Chinese I - CP

Course ID: 1580 This beginning Chinese focuses on introducing basic Chinese in pinyin, tones, and character writing. Students will learn to differentiate the four tones in Chinese, learn character stroke orders and basic sentence and question structures. Students will study thematic units such as "May I Introduce Myself?", "This is My School Life", and "Let's Hang Out". Students will learn to play traditional Chinese games such as Mahjong and Chinese Checkers. Authentic texts and materials are used to enhance student learning. Online and classroom materials are also available for students in language acquisition. Students will be introduced how different American student's lifestyle is different than their Chinese counterparts.

Credits: 1
Length: Full Year
Grade: 8-12

Mandarin Chinese II - CP

Pre-requisite: Chinese I or Equivalent

Course ID: 1581 Chinese 2 is second-year introductory course to Chinese. Chinese 2 follows Chinese 1 in studying character writing, tone differentiation, and pinyin. Students are expected to write short essay, focusing on building vocabulary (characters) and simple grammar rules applied in the sentence/question structures. Students will study thematic units such as "Let's Go Shopping", "What do You Want to Eat?", "It's a Date!". Students will work in pairs, groups and independently. Students will study how the Chinese philosophy is reflected in the Chinese tradition and home life. A variety of authentic online materials will be used to enhance student understanding.

Credits: 1
Length: Full Year
Grade: 9-12

Mandarin Chinese III - CP

Pre-requisite: Chinese II or Equivalent

Course ID: 1582 Chinese 3 continues the study of Chinese language. The focus in this course will be to build student vocabulary in Chinese, introduce complex grammar rules, study provincial expressions, and write long essays. Thematic units for this course will include "I Need to See a Doctor!", "My Summer Job and Future Career Plans", and "Let's Take a Vacation!" Students will make presentations and research based on thematic units. Students will learn to differentiate different parts of China geographically and its ethnic cultures and traditions. Students will also use the textbook Integrated Chinese II for grammar application sections.

Credits: 1
Length: Full Year
Grade: 10-12

Mandarin Chinese IV - Honors

Pre-requisite: Chinese III or Equivalent

Course ID: 1583 Chinese Honors 4 focuses primarily on grammar. Students will interact with other Chinese students in the study of performance, and to build vocabulary knowledge using the college textbook Integrated Chinese I, Part I. Students are expected to use the online resources and the audio files provided by the textbook, guided by the instructor, with bi-weekly assignments due. Social websites and group chats are used for class interaction and group support. In sum, this course focuses on text reading and journal writing to enhance the learning and usage of Chinese.

Credits: 1
Length: Full Year
Grade: 11-12

Mandarin Chinese Language and Culture - AP

Pre-requisite: Honors Chinese IV or Equivalent

Course ID: 1584 AP Chinese is an intense college-level 5th-year Chinese language course. This course is designed to prepare students to participate in the Student-Exchange Program with our sister-school in China, and to take AP Chinese in May. Students will use Integrated Chinese II, Part 1 and Part 2 in class, with an emphasis in reading and writing. In this college-level course, students are expected to speak Chinese as much as they can in class to build their oral proficiency for the AP Chinese Exam. Students are also expected to read news articles and student writings from online resources to familiarize themselves with authentic Chinese writing and language application. Clips of Chinese news videos and student activities are shared to enhance student's language skills.

Credits: 1
Length: Full Year
Grade: 12

WORLD LANGUAGES

French I - CP

Course ID: 1500 French 1 is an introduction to French with an emphasis on oral communication. Topics studied include how to greet people in French and keep a conversation going, how to utilize everyday terms, and how to ask and understand basic directions when traveling. Also included are the fundamentals of French sentence structure. Students study French cultural heritage of art, history, cuisine, and customs.

Credits: 1
Length: Full Year
Grade: 8-12

French II - CP

Pre-requisite: French I or Equivalent

Course ID: 1505 French 2 completes the presentation of the fundamentals of the French language through a conversational and communicative skills approach. Upon completion of this course, students will be able to discuss past, present, and future activities. Units of particular interest include fashion/clothing, leisure activities, family relationships and earning money.

Credits: 1
Length: Full Year
Grade: 9-12

French III - CP

Pre-requisite: French II or Equivalent

Course ID: 1510 French 3 is an intermediate level course in which students gain confidence in speaking about themselves. Listening and speaking skills are developed to include specialized vocabulary and idioms. Reading and writing activating activities stress the understanding expanded vocabulary. As major activity projects, students participate in simulated visits to French-speaking areas, sensitizing them to different customs, "survival vocabulary," and cultural highlights.

Credits: 1
Length: Full Year
Grade: 10-12

French IV - Honors

Pre-requisite: French III or Equivalent

Course ID: 1515 Honors French 4 focuses on heightening listening and speaking skills for conversation as well as reading and writing in the language. Students use French in the classroom not only for everyday expressions, questions, and answers but also for discussing personal opinions and reactions as well as pursuing cultural topics of student interest. The reading materials include excerpts of novels, short stories, and current French magazine and newspaper articles.

Credits: 1
Length: Full Year
Grade: 11-12

French V - Honors

Pre-requisite: Honors French IV or Equivalent

Course ID: 1520 Honors French 5 is conducted entirely in French. Class discussions and individual and group projects help students polish their speaking, listening, reading and writing skills into life-long assets. Materials for reading and listening include these topics: La France, Le Petit Prince, "Intrigues," Les Arts, and selected short stories and excerpts of novels. Honors French 5 is strongly recommended for students who want to meet selective college language requirements.

Credits: 1
Length: Full Year
Grade: 12

WORLD LANGUAGES

German Language and Culture I - CP

Course ID: 1550 German 1 is an introduction to the German language and culture. Basic speech patterns, vocabulary, and pronunciation are covered through conversational dialogues and intensive oral practice. Also included are essentials of grammar, everyday culture (such as behavior patterns of native speakers, geography, etc.), and the development of listening, reading, and writing skills.

Credits: 1
Length: Full Year
Grade: 9-12

German Language and Culture II - CP

Pre-requisite: German I or Equivalent

Course ID: 1555 German 2 completes the presentation of the fundamentals of the language through a conversational and communicative skills approach. German 2 continues to develop students' ability to speak, understand, read and write German in a cultural context. Learning activities include reading of small, simple authentic texts, simple conversation, short composition, communicative grammar and cultural activities. German 2 students are encouraged to speak as much German as they can.

Credits: 1
Length: Full Year
Grade: 9-12

German Language and Culture III - CP

Pre-requisite: German II or Equivalent

Course ID: 1560 German 3 is the final segment of the three-part core curriculum preceding the advanced German 4 and German 5 offerings. Following extensive review, the acquisition of basic vocabulary and grammar is completed during this course. In addition, listening and speaking skills are improved through structured activities, rudimentary reading and writing skills are expanded, and cultural awareness is enhanced. In German 3, students are expected to answer written and oral questions in complete sentences. By the end of the course, many classes are taught almost exclusively in German with near-normal fluency.

Credits: 1
Length: Full Year
Grade: 10-12

German Language and Culture IV - Honors

Pre-requisite: German III or Equivalent

Course ID: 1565 Honors German 4 focuses on conversation and reading in the language as well as advanced grammar and vocabulary expansion. Students are expected to use German in the classroom not only for everyday expressions, directions, questions and answers, but also for discussion of literature, contemporary articles, and culture. German is also used by both students and the instructor for expressing personal opinions and reactions and for exploring subjects of mutual interest. Reading material includes actual literary works such as short stories and short novels as well as timely magazine and newspaper articles of moderate difficulty. Videos and tapes are used to increase listening comprehension, and writing skills are refined through assignments requiring paragraph and ultimately, essay-length responses.

Credits: 1
Length: Full Year
Grade: 11-12

German Language and Culture V - Honors

Pre-requisite: Honors German IV or Equivalent

Course ID: 1570 Honors German 5 is conducted in German in a seminar atmosphere and features various projects designed to build upon and polish writing, speaking, and listening skills. In addition to a core literature program including short stories, several novels, and a play, reading materials are chosen by interest of the class participants. Several points of advanced grammar are also addressed in this course. Honors German 5 is strongly recommended for students who want to earn college credits for their proficiency through placement examinations at selective colleges.

Credits: 1
Length: Full Year
Grade: 12

WORLD LANGUAGES

Spanish I - CP

Course ID: 1525 Spanish 1 is an introduction to the Spanish language and culture. Basic speech patterns, vocabulary, and pronunciation are presented through conversational dialogues and oral practice. Also included are essentials of grammar, everyday culture (such as behavior patterns of native speakers, geography, etc.), and the development of listening, reading, and writing skills. Students are expected to use Spanish as much as they can.

Credits: 1
Length: Full Year
Grade: 8-12

Spanish II - CP

Pre-requisite: Spanish I or Equivalent

Course ID: 1530 Spanish 2 continues the presentation of the fundamentals of the language on a more complex level, expanding vocabulary and grammar while improving the basic skills of listening, speaking, reading, and writing. Students are encouraged to speak as much Spanish as they can at this level.

Credits: 1
Length: Full Year
Grade: 9-12

Spanish III - Honors

Pre-requisite: Spanish II or Equivalent

Course ID: 1535 Honors Spanish 3 is an intermediate level language course. Students will improve their proficiency levels in reading, writing, listening and speaking. Topics studied include Vacationing, When I was Little, Technology among Hispanic youth, and Food! Students will read authentic texts such as advertisements, news articles and short stories as well as listen to native Spanish speakers in commercials, interviews and television programs.

Credits: 1
Length: Full Year
Grade: 10-12

Spanish IV - Honors

Pre-requisite: Spanish III or Equivalent

Course ID: 1540 Honors Spanish 4 focuses on speaking, reading, writing and listening in the language. This course is taught entirely in Spanish and students are expected to speak only Spanish in the classroom. They will use Spanish for everyday conversations, questions and answers as well as for oral summaries of articles and films, discussions of personal opinions and reactions and presentations of topics of student interest. A cultural emphasis will be placed on Spain as students study its geography, art, music, customs and foods.

Credits: 1
Length: Full Year
Grade: 11-12

Spanish V - Honors

Pre-requisite: Honors Spanish IV or Equivalent

Course ID: 1545 Honors Spanish 5 is conducted in Spanish in a seminar atmosphere with frequent class discussions and projects. Students are expected to work on perfecting their oral proficiency, written proficiency and interpretive skills. Material for reading and listening is chosen by interest of the class participants from topics such as: "La búsqueda de trabajo," "Los problemas internacionales," "El arte moderno," "La literatura española," and Nuestro mundo. Honors Spanish 5 is strongly recommended for students who want to meet selective college language requirements. Readings and projects may be assigned over the preceding summer and must be completed according to deadlines listed on the high school website.

Credits: 1
Length: Full Year
Grade: 12

Spanish for Native Speakers 1 - CP

Pre-requisite: Native Speaker of Spanish

Course ID: 1548 Spanish for Native Speakers is designed to meet the unique needs of native Spanish Speakers. It will move at a faster pace than the traditional Spanish class. Students will improve their writing skills with more accurate spelling and writing. Cultural studies will allow students to learn more about their personal heritage and that of other students in the class. Students will continue to develop their speaking and reading skills with cultural materials and authentic texts. This course is taught in Spanish and students are expected to speak Spanish in the classroom. Students must complete a placement test in order to take this course.

Credits: 1
Length: Full Year
Grade: 10-12

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ACTION STEPS / PRIORITY TASKS

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MY WEEK

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PRIORITIES

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