Fenton Community High School District 100
Course and Program Description Catalog
School Year 2027-2028

Rigor – Relevance - Relationships

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Fenton Community High School District 100

The Mission of Fenton High School is to cultivate successful, passionate, empowered learners through rigor, relevance, and relationships.

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Fenton High School Counseling Department

It is the goal of the Fenton High School Counseling Department to help keep you well-informed with valuable information as students plan for the future. By working together, we will ensure that every student has the necessary resources to succeed in high school, as well as in their future endeavors. If you have any questions about the content of this course and program catalog, the course selection process to choose classes for next year, or general or specific questions for assistance from the Counseling Department, please contact the individuals listed below.

The Fenton Counseling Department utilizes SchooLinks, a comprehensive website that parents and students can use to help in making plans about courses, colleges, and careers. Counselors introduce students to SchooLinks during their freshman year.

Counseling Department Members

Freddy Cano, Counselor - cano@fenton100.org

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Fenton High School Graduation Requirements

Forty-five (45) credits are required for graduation. A unit of credit is given for the successful completion of each 1 semester course. The items listed on this page are Fenton High School's minimum graduation requirements.

Consumer Education: One (1) semester of consumer education

Driver Education: One (1) semester of driver education

English: Eight (8) Semesters of English, which includes two writing-intensive courses

Fine and Applied Arts: Two (2) semesters chosen from Career Programs of Studies or World Languages

Health: One (1) semester of Health

Mathematics: Six (6) semesters of Mathematics

Physical Education: Each semester of all four years, except when enrolled in Health or Driver Education

Science: Four (4) semesters of Science

Social Studies: Six (6) semesters of Social Studies, including the Constitution Test requirement, which is met in Introduction to the Social Sciences freshman year

Remaining Credits of the 45 Total Required Credits: All remaining credits for the 45 credits required for graduation are fulfilled via elective options

25 Hours of Community Service: Students must complete twenty-five hours of community service

Free Application for Federal Student Aid (FAFSA): State law requires all Illinois public high school seniors to complete the FAFSA, the FAFSA opt-out, or the Alternative Application

ACT: The Illinois State Board of Education requires all public school students in grade 11 to take the ACT

College Entrance Recommendations & Requirements

Students who intend to enter college should check admission requirements with the college or university in which they are interested, and ensure they are using current information. Wise program planning can achieve solid college preparation and also include valuable experiences in the practical arts. Students who plan to attend college/universities, especially public four-year schools in Illinois, must meet minimum requirements established by the Illinois Board of Higher Education. In general, these courses are also the minimum prerequisites to enter a private four-year school.

English

A Minimum of 8 Credits to include:
(2 credits) English 1
(2 credits) English 2
(2 credits) English 3 or AP English 3
(2 credits) English 4 or AP English 4

Mathematics

A Minimum of 6 Credits to include:
(2 credits) Math 1, Algebra 1, or Accelerated Coursework
(2 credits) Math 2, Geometry, or Accelerated Coursework
(2 credits) Math 3, Accelerated Coursework, or AP Coursework

Science

A Minimum of 6 Credits to include:
(2 credits) Accelerated Biology or Biology
(2 credits) Accelerated Chemistry or Chemistry
(2 credits) Science electives

Social Studies

A Minimum of 6 Credits to include:
(2 credits) Introduction to Social Science
(2 credits) U. S. History or AP U. S. History
(2 credits) World History or AP World History

World Languages

Many four-year colleges require at least two years of the same World Language.

Grade Point Average (GPA)

Letter Grade	*Regular*	*Accelerated*	*AP Course*
A	**4**	**4.5**	**5**
B	**3**	**3.5**	**4**
C	**2**	**2.5**	**3**
D	**1**	**1**	**1**
F	**0**	**0**	**0**

Weighted Grades

Grades are weighted in both Accelerated and Advanced Placement (AP) courses. Grades in a weighted course earn additional points as listed in the table above. The points earned are divided by the number of courses attempted to determine the GPA.

Unweighted Grades

Grades in a regular unweighted course earn grade points as listed in the table above. The points earned are divided by the number of courses attempted to determine the GPA.

Accelerated Courses

Admission to accelerated courses will be based on the following approval:

- Proficiency in all prerequisite courses
- Teacher recommendation
- Meet requisite standardized achievement cut scores as designated by the Division Leader and Assistant Principal of Curriculum & Instruction
- Administrative approval

Advanced Placement Courses (AP)

Advanced Placement (AP) courses are rigorous, college-level studies approved and monitored by the College Board. All students are encouraged/expected to take the examination given by the College Board in the spring. AP courses are offered in the tenth, eleventh, and twelfth grades. For further information about AP Courses, please see the corresponding pages of this catalog.

Dual Credit Courses

Dual Credit courses allow students to earn high school and college credit simultaneously. Courses are taught by Fenton instructors approved by the College of DuPage (COD) and follow COD-approved curriculum and course requirements.

For COD Dual Credit courses, tuition and fees are waived, and students establish an official COD academic record. Dual Credit offerings are based on formal agreements between Fenton and COD and are subject to final approval, including instructor qualifications and course alignment.

Students must complete all required COD enrollment steps and meet the eligibility requirements established for the specific course. Freshmen may participate only with instructor approval. Summer Dual Credit courses that could replace a Fenton graduation requirement must receive prior approval from the Division Leader of Counseling and typically count as elective credit.

Independent Study Courses

Independent Study is designed for the self-motivated, responsible students who wish to expand their knowledge in an area in which they are keenly interested. The following guidelines must be followed by the student interested in pursuing an independent study course:

1. An Independent Study course must follow the same classroom requirements as a regular course.
2. Write a proposal setting forth the specific goals to be accomplished with completion dates identified. The proposal will also include the methodology necessary for completing the goals.
3. Obtain approval for the proposal from a teacher and the Division Leader of the academic area in which the independent study will be completed.
4. Complete all independent study paperwork and submit to the counselor within the first three weeks of the course. The Assistant Principal of Curriculum & Instruction will give final approval for the course.

Course Selection

Fenton High School students participate in course selection for the coming school year, in collaboration with their counselors. Once courses selected are finalized, course request changes will be made only as course availability permits.

Course Drop/Change Procedure

Students may request to change their schedule or drop a course by speaking with their counselor, following the guidelines as listed below. This process is initiated after course selection is completed for the coming school year.

- *Accelerated Course Level Changes*
  - A student requesting a level change from an Accelerated course must meet with their counselor, and may be referred to the Division Leader.

- *Advanced Placement Course Drops*
  - Up to 5 school days from and including the first day of the year, a student may drop an AP course. Counselor will obtain parent agreement for the drop.
  - After the first 5 school days of the year, a student may request an AP course drop using a drop form, up to the end of the 8th week of the school year. If a course is dropped after the 8 week date, the student may receive a grade of WF and be entered into a study hall if space is available.

- *Elective Course Drops (Non-AP)*
  - Non-AP elective course drops are where a student is asking to leave a course.
    - Up to 5 school days from and including the first day of the semester for year-long courses, and up to 5 school days from and including the first day of the semester for 1 semester courses, and be assigned to a different course (space permitting).
    - After the first 5 school days of a class by using a drop form, and be assigned to a different course (space permitting). This drop request form must be submitted and final by the end of the first 3 weeks of the year for year-long electives, or by the end of the first 3 weeks of the semester for a 1 semester elective. If a course is dropped after the set date, the student may receive a grade of WF and be entered into a study hall if space is available.

- *Schedule Changes*
  - Schedule changes are where a student is staying in their listed classes but wants to rearrange the order in which classes are listed.
    - Up to 5 school days from and including the first day of the semester for year-long courses, and up to 5 school days from and including the first day of the semester for 1 semester courses. These changes are only if possible within the student's schedule.

- *Zero Hour Changes/Drops*
  - Zero Hour courses are non-drop/change for any reason, unless the Division Leader for PE/Health/Driver Ed approves the drop/change. Students wanting to change or drop their zero hour course must meet with their counselor.

Complaints About Curriculum, Instructional Materials, and Programs – Board of Education Policy 6:260

Parents/guardians have the right to inspect any instructional material used as part of their child's educational curriculum pursuant to School Board policy 7:15, Student and Family Privacy Rights. Persons who believe that curriculum, instructional materials, or programs violate rights guaranteed by any law or Board policy should file a complaint using Board policy 2:260, Uniform Grievance Procedure. Persons with all other suggestions or complaints about curriculum, instructional materials, or programs should complete a Curriculum Objection form. A parent/guardian may request that his/her child be exempt from using a particular instructional material or program by completing a Curriculum Objection form.

Early College Credit (Advanced Placement & Dual Credit Courses)

Advanced Placement (AP) Courses provide students the opportunity to experience college level coursework prior to entering the college setting. Rigorous classroom experiences ensure students are prepared for post-secondary education and/or training in any career field. It is encouraged that students discuss these opportunities with their teachers and counselors to determine any AP courses which may align with their post-secondary goals and plans. Students who take an advanced placement course and earn a score of three or higher on the exam may be eligible for college credit. Advanced Placement Courses Offered at Fenton High School:

Art & Music
- AP 2-D Art & Design (Photography)
- AP 2-D Art & Design (Cartooning, Digital, Drawing & Painting)
- AP 3-D Art & Design (Ceramics, Jewelry & Sculpture)
- AP Music Theory

English
- AP English 3 Language & Composition
- AP English 4 Literature & Composition

Mathematics
- AP Calculus AB
- AP Calculus BC
- AP Computer Science Principles
- AP Computer Science A
- AP Statistics

Science
- AP Physics 1
- AP Physics 2
- AP Biology
- AP Chemistry
- AP Environmental Science

Social Studies
- AP United States History
- AP World History
- AP United States Government & Politics
- AP Microeconomics
- AP Macroeconomics
- AP Psychology

World Languages
- AP French Language & Culture
- AP German Language & Culture
- AP Spanish Language & Culture

Early College Credit (Advanced Placement & Dual Credit Courses)

Dual Credit courses allow high school students to earn both high school and college credit at the same time. Courses are taught by Fenton High School instructors who are approved by the College of DuPage (COD), and all curriculum, syllabi, and textbooks meet COD standards.

For COD Dual Credit courses, tuition and fees are waived, and students receive an official COD transcript. Since COD grants all college credit, students must contact COD directly to request official transcripts after completing the course.

All Dual Credit opportunities are based on formal agreements between Fenton High School and the College of DuPage (COD) and are subject to final COD approval, including instructor qualifications and course alignment. Agreements are finalized annually and may not be confirmed until after Fenton's course selection, registration, and scheduling process has concluded. Therefore, identification of a course as a potential Dual Credit opportunity in this guide does not guarantee that college credit will be available.

To participate in Dual Credit, students must complete all required COD enrollment steps and meet the placement requirements established by COD for the specific course. Freshmen may enroll in Dual Credit courses only with instructor approval.

Dropping or Withdrawing from a Dual Credit Course
Because enrollment in a Dual Credit course creates an official college academic record, students must also follow COD deadlines and procedures for dropping or withdrawing from the college course. Depending on the timing of the withdrawal, a "W" may be recorded on the student's COD transcript. Students considering dropping or withdrawing from a Dual Credit course should meet with their school counselor as soon as possible to review applicable Fenton and COD deadlines and the potential impact on both their high school and college records.

Any summer Dual Credit courses offered by COD or other colleges that could replace a required Fenton course must be approved by the Division Leader of Counseling. These courses typically count as elective credit on the high school transcript and do not replace Fenton graduation requirements.

COD PCS 1.1 / 1.2 Transfer Credit (Dual Credit)
When students complete a Dual Credit course through the College of DuPage, the college credit may be recorded under PCS 1.1 or PCS 1.2 transfer designations. These codes classify how the credit applies within COD's system and how it may transfer to other colleges or universities:

- PCS 1.1 – General education or core transfer courses that align with COD's foundational curriculum and typically transfer broadly to other institutions.
- PCS 1.2 – Specialized or program-specific courses (such as career and technical, elective, or discipline-based classes) that may transfer on a more limited basis.

Students should request their official COD transcript after course completion to verify how the credit was classified. Because transferability varies by institution, students are encouraged to confirm with future colleges or universities how PCS 1.1 or 1.2 credits will apply toward their degree requirements.

For the most current list of approved Dual Credit courses offered at Fenton High School, please visit the College of DuPage's Fenton High School Dual Credit webpage:
https://www.cod.edu/academics/academic-opportunities/high-school-students/dual-credit-enrollment/dual-credit/high-schools/fenton.html

Course and Program Descriptions

If you have any questions about a listed course or program, please contact the Division Leader for that department via email or phone.

ENGLISH

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English 1
This English 1 course provides an extensive introduction to skills essential to the English curriculum. Students will analyze various literary genres and become proficient in skills related to grammar, reading, vocabulary, paragraph structure, and essay construction.
Prerequisites: None
Semesters: 2 Credits: 2
Course Code: 1st Semester -5001, 2nd Semester -5002
Grade Level: 9

Accelerated English 1
This accelerated course combines the analysis of challenging literature with the development and refinement of vocabulary acquisition and writing skills through expanded English 1 reading list. Students are selected for this course based upon standardized test scores and teacher recommendations.
Prerequisites: None
Semester: 2 Credit: 2
Course Code: 1st Semester -2006, 2nd Semester –2007
Grade Level: 9

English 2
This course helps students improve reading, writing, speaking, listening and analytical skills through world literature and various genres. Assignments will focus on writing appropriately for different occasions, audiences, and purposes. Activities and assignments will afford students the opportunity to expand their vocabulary, refine their responses to literature and their understanding of various media, and improve their speaking, listening, and presentation skills. Writing assignments will continue to improve students' essay writing, research and rhetorical skills.
Prerequisites: English 1 or Accelerated English 1
Semesters: 2 Credits: 2
Course Code: 1st Semester -5009, 2nd Semester -5010
Grade Level: 10

Accelerated English 2
This course helps students improve reading, writing, speaking, listening and analytical skills through world literature and various genres, at a more in depth level. This rigorous course is designed to help students prepare for Advanced Placement courses at the junior and senior level. Assignments will focus on writing appropriately for different occasions, audiences, and purposes. Activities and assignments will afford students the opportunity to expand their vocabulary, refine their responses to literature and their understanding of various media (including media bias), and improve their speaking, listening, and presentation skills. Writing assignments will continue to improve students' essay writing, research and rhetorical skills. Suggested requirements for enrolling in Accelerated English 2 are a recommendation from the English 1 instructor, Standardized test scores, and a possible writing sample.
Prerequisites: English 1 or Accelerated English 1
Semesters: 2 Credits: 2
Course Code: 1st Semester -2008, 2nd Semester -2009
Grade Level: 10

English 3
This two semester course focuses on the study of American literature in combination with extensive practice in composition. Students will explore thematic units including works of poetry, fiction, nonfiction, and drama. In addition, this course offers students the opportunity to increase writing skills in order to meet greater success in freshman college rhetoric classes.
Prerequisites: English 2 or Accelerated English 2
Semesters: 2 Credit:2
Course Code: 1st Semester -5178, 2nd Semester -5179
Grade Level: 11

AP English 3 - Language and Composition
The Advanced Placement section of this course will consist of the intrinsic elements of American literature and composition, as well as practice and preparation for the English Language Advanced Placement Exam, as outlined by the College Board. Writing in this course will focus more intently on the subtle mastery of tone, style, and the writer's voice and will be evaluated with appropriately elevated criteria.
Prerequisites: English 1 or Accelerated English 1 and English 2 or Accelerated English 2
Semesters: 2 Credits: 2
Course Code: 1st Semester -2013, 2nd Semester -2014
Grade Level: 11

English 4
English 4 is designed as a year-long course that stresses the importance of college and career readiness. It is an inquiry-based course that employs essential questions to guide exploration and promote creativity. Content emphasizes interpersonal communication skills using clear, concise, and organized expression of ideas in both speaking and writing. Reading for this course will include nonfiction, fiction and media texts to encourage critical thinking. Semester I focuses on rhetorical skills, emphasizing argument with a culminating research assignment to be applied and extended throughout the second semester. Semester II places special emphasis on project-based learning, synthesis skills, and independent learning strategies, culminating in a public presentation.
Prerequisites: English 1 or Accelerated English 1 and English 2 or Accelerated English 2, English 3 or AP English 3
Semesters: 2 Credits: 2
Course Code: 1st Semester -5080, 2nd Semester -5081
Grade Level: 12

AP English 4-Literature and Composition
AP English Literature and Composition engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide meaning and pleasure for their readers. As they read, students will consider a work's structure, style, and themes, as well as smaller-scale elements such as figurative language, imagery, symbolism, and tone. Suggested requirements for enrolling in AP English 4 are a recommendation from the English 3 instructor, standardized test scores, and a possible writing sample.
Prerequisites: English 1 or Accelerated English 1 and English 2 or Accelerated English 2, English 3 or AP English 3
Semesters: 2 Credits:2
Course Code: 1st Semester -2027, 2nd Semester -2028
Grade Level: 12

Academic Math and Literacy 1
Academic Math and Literacy 1 will be taken in addition to Foundations of Math 1 and English 1 to address the needs of freshman students whose literacy and math skills are deemed below college and career readiness benchmarks. Academic Literacy 1 will provide support for those students with reading, writing, math, and executive functioning assistance as they enter freshman year, equipping students with the additional literacy and math skills applicable across the content areas. Students will be supported in literacy and math through intensive reading, writing, and math activities that reinforce college and career readiness skills. The students will be enrolled in this course for a full year with the opportunity to test out mid-year. Those students who do not meet the exit requirements will remain in the course for the duration of the year. Students who successfully pass the course will receive one elective credit per semester.
Prerequisites: None
Semester: 2 Credits: 2
Course Code: 1st Semester -2018, 2nd Semester -2019
Grade Level: 9

Academic Math and Literacy 2
Academic Literacy 2 will be taken in addition to English 2 to address the literacy needs of sophomore students whose skills are deemed below college and career readiness benchmarks. Academic Literacy II will provide literacy support equipping students with additional literacy skills applicable across the content areas. Students will be immersed in literacy through intensive reading, writing, speaking, and listening activities that support the Common Core Standards and reinforce college and career readiness skills. The students will be enrolled in this course for a full year with the opportunity to test out mid-year. Those students who do not meet the exit requirements will remain in the course for the duration of the year. Students who pass the course will receive one elective credit per semester.
Prerequisites: None
Semester: 2 Credits: 2
Course Code: 1st Semester -2023, 2nd Semester -2024
Grade Level: 10

Public Speaking & Communications
Public Speaking & Communications is a foundational semester-long elective that introduces students to the principles and practice of effective verbal and nonverbal communication. This course equips students with the confidence and skill to speak clearly, listen actively, and present ideas persuasively in academic, professional, and civic settings. Students will study audience analysis, speech organization, and delivery technique while composing and delivering informative, persuasive, and demonstrative speeches. Through low-stakes practice, peer feedback, and reflective self-review — including recorded practice sessions — students build the vocal control, body language awareness, and composure needed to manage speech anxiety and communicate with impact. This course establishes the presentation and delivery skills necessary for success in advanced coursework.
Prerequisites: None
Semester: 1 Credits: 1
Course Code: 005146
Grade Level: 9-12

Theatre
This course is designed to increase a student's knowledge about all aspects of theatre: acting, makeup, costuming, scene design, publicity, theatre history, and play reading. Students are required to attend current Fenton High School theatre productions.
Prerequisites: None
Semester: 1 Credit: 1
Course Code: 5135
Grade Level: 9-12

Acting
This activity class teaches the fundamentals of acting: movement, improvisation, pantomime, and ensemble performance. Students will memorize and perform monologues and scenes. Since this is a performance class, student self-discipline is essential. Students are required to attend current Fenton High School theatre productions.
Prerequisites: None
Semester: 1 Credit: 1
Course Code: 5051
Grade Level: 9-12

Creative Writing
Creative Writing is an elective course for students who wish to express themselves imaginatively in writing. Reading models and keeping a journal furnish sources of ideas for expression; students work with prose forms of description and narration, and writing techniques such as the use of images, sensory details, and symbols. Students work independently to complete plays, short stories, and poetry; therefore, student self-discipline is required. Students are encouraged to submit their work to a publication.
Prerequisites: English 2 or Accelerated English 2
Semester: 1 Credit: 1
Course Code: 5105
Grade Level: 11,12

MATHEMATICS

Kelly Kasmar, Director of Academic Systems & Interventions and Division Leader for Math & Science
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Foundations of Math 1
This course is designed to support students requiring foundational knowledge and skills that will help them prepare for and be successful in Math 1. Enrollment is determined based on 8th-grade Common Core State Standards in concurrence with standardized test data indicators. School issued NumWorks calculator is required for this course.
Prerequisites: None
Semesters: 2 Credits: 2
Course Code: 1st Semester –5439, 2nd Semester –5440
Grade Level: 9

Math 1
Math 1 is the first year of a three-year integrated mathematics course sequence. Concepts in this course are scaffolded, extending students' understanding and deepen their knowledge of algebra and functions, geometry, and statistical analysis. Students will be exposed to rich instruction that develops their conceptual understanding, problem-solving skills, critical thinking abilities, and application using technology-enriched programs. Learning is centered around the following six core mathematical pillars: Simplify, Solve & Evaluate, Symbolic & Graphical Representation, Spatial Reasoning & Analysis, Data Analysis, Probability, & Statistics, Mathematical & Logical Argumentation, and Social and Emotional Learning. This curriculum promotes active learning and prepares students for the next course in the sequence, Math 2. School issued NumWorks calculator is required for this course.
Prerequisites: None
Semesters: 2 Credits: 2
Course Code: 1st Semester -5433, 2nd Semester -5434
Grade Level: 9, 10

Accelerated Math 1
Accelerated Math 1 is the first year of a three-year integrated mathematics course sequence. Concepts in this course are scaffolded, extending students' understanding and deepening their knowledge of algebra and functions, geometry, and statistical analysis. Students will be exposed to rich instruction that develops their conceptual understanding, problem-solving skills, critical thinking abilities, and application using technology-enriched programs. Learning is centered around the following six core mathematical pillars: Simplify, Solve & Evaluate, Symbolic & Graphical Representation, Spatial Reasoning & Analysis, Data Analysis, Probability, & Statistics, Mathematical & Logical Argumentation, and Social and Emotional Learning. This curriculum promotes active learning and prepares students for the next course in the sequence, Accelerated Math 2. A school-issued NumWorks calculator is required for this course.
Prerequisite: DL approval
Semesters: 2 Credit: 2
Course Code: 1st Semester -5490, 2nd Semester -5491
Grade Level: 9 & 10

Math 2
Math 2 is the second course of a three-year integrated mathematics sequence. Concepts in this course builds and strengthens students' contextual knowledge of Algebra and Geometry, extending students' understanding and deepen their knowledge of algebra and functions, geometry, and probability. Students will be exposed to rich instruction that develops their conceptual understanding, problem-solving skills, critical thinking abilities, and application using technology-enriched programs. Learning is centered around the following six core mathematical pillars: Simplify, Solve & Evaluate, Symbolic & Graphical Representation, Spatial Reasoning & Analysis, Data Analysis, Probability, & Statistics, Mathematical & Logical Argumentation, and Social and Emotional Learning. This curriculum promotes active learning and prepares students for the next course in the sequence, Math 3. School issued NumWorks calculator is required for this course.
Prerequisites: Completion of Math 1 or Algebra 1
Semesters: 2 Credits: 2
Course Code: 1st Semester -5435, 2nd Semester -5436
Grade Level: 10, 11

Accelerated Math 2
Accelerated Math 2 is the second year of a three-year integrated mathematics course sequence. Concepts in this course are scaffolded, extending students' understanding and deepening their knowledge of algebra and functions, geometry, and statistical analysis. Students will be exposed to rich instruction that develops their conceptual understanding, problem-solving skills, critical thinking abilities, and application using technology-enriched programs. Learning is centered around the following six core mathematical pillars: Simplify, Solve & Evaluate, Symbolic & Graphical Representation, Spatial Reasoning & Analysis, Data Analysis, Probability, & Statistics, Mathematical & Logical Argumentation, and Social and Emotional Learning. This curriculum promotes active learning and prepares students for the next course in the sequence, Accelerated Math 3. A school-issued NumWorks calculator is required for this course.
Prerequisite: Completion of Accelerated Math 1, Honors Algebra 1, or teacher recommendation
Semesters: 2 Credit: 2
Course Code: 1st Semester -5492, 2nd Semester -5493
Grade Level: 10, 11

Math 3
Math 3 is designed to develop a deeper understanding of the underlying concepts of algebra, geometry, and statistics. As a third course in an integrated high school sequence, this course will afford the student opportunities for engaging in activities that will facilitate the transition to more abstract ways of thinking. Units Topics Include: Inferences and Conclusions from Data, Polynomials, Rational, & Radical Relationships, Trigonometry of General Triangles & Trigonometric Functions, and Mathematical Modeling. Learning is centered around the Common Core State Standards.
Prerequisites: Completion of Math 2 or Geometry
Semesters: 2 Credits: 2
Course Code:1st Semester -5437, 2nd Semester -5438
Grade Level: 11, 12

Accelerated Math 3

Accelerated Math 3 is the second year of a three-year integrated mathematics course sequence. Concepts in this course are scaffolded, extending students' understanding and deepening their knowledge of algebra and functions, geometry, and statistical analysis. Students will be exposed to rich instruction that develops their conceptual understanding, problem-solving skills, critical thinking abilities, and application using technology-enriched programs. Learning is centered around the following six core mathematical pillars: Simplify, Solve & Evaluate, Symbolic & Graphical Representation, Spatial Reasoning & Analysis, Data Analysis, Probability, & Statistics, Mathematical & Logical Argumentation, and Social and Emotional Learning. This curriculum promotes active learning and prepares students for higher level courses that they will get to choose from.

Prerequisite: Completion of Accelerated Math 2, Honors Geometry, or teacher recommendation
Semesters: 2 Credit: 2
Course Code: Course Code: 1st Semester -5494, 2nd Semester -5495
Grade Level: 11

Pre-Calculus

Topics covered in this course include the concept of a function, polynomial, rational, exponential and logarithmic functions; complex numbers, and their respective applications. The trigonometric functions, developed from the perspective of a unit circle, will also be covered as well as trigonometric identities and equations and their use in practical situations. Further topics that will be discussed are sequences and series. A graphical approach is taken with emphasis on the use of technology, mathematical modeling, and the connections with the physical sciences. It is required that each student have a TI-84+ graphing calculator. This course is a prerequisite for those students planning to take AP Calculus AB.

Prerequisites: Completion of Math 3 or Algebra 2
Semesters: 2 Credits: 2
Course Code:1st Semester -5466, 2nd Semester -5467
Grade Level: 10-12

Accelerated Pre-Calculus
Topics covered in this course include the concept of a function, polynomial, rational, exponential and logarithmic functions, complex numbers and their respective applications, trigonometric functions, developed from the perspective of a unit circle, as well as trigonometric identities and equations and their use in practical situations, parametric equations, sequences and series, and matrices, and if time permits, selected topics in probability and statistics and programming. A graphical approach is taken with emphasis on the use of technology, mathematical modeling, and the connections with the physical sciences. It is required that each student have any version of a Ti-84+ graphing calculator. This course is a prerequisite for those students planning to take AP BC Calculus at Fenton High School.
Prerequisites: Completion of Accelerated Math 3 or teacher recommendation.
Semesters: 2 Credits: 2
Course Code: 1st Semester -2205, 2nd Semester -2206
Grade Level: 10-12

AP Statistics
This course introduces students to the science of collecting, analyzing, and making inferences from data. AP Statistics covers four main themes: Theme 1-0rganizing Data: this involves looking for patterns and departures from patterns, organizing data both numerically and graphically and relationships within the data. Theme 2: Producing Data: this involves learning how to design samples and experiments and how to conduct simulations. Theme 3- Probability: this involves the study of randomness, binomial distributions, geometric distributions, and distributions based on samples. Theme 4-Inference: this is of major importance in AP Statistics. Inference involves analyzing data in order to make conclusions with confidence. Students in this course are encouraged to take the Advanced Placement exam. Upon receipt of a satisfactory score, college credit may be given by colleges and universities. It is required that each student have a TI-84+ graphing calculator. ***Dual Credit: Based on preliminary COD approval, Dual Credit may be available to eligible students. See page 11 for details.***
Prerequisites: Completion of Math 3 or teacher recommendation.
Semesters: 2 Credits: 2
Course Code: 1st Semester -5476, 2nd Semester -5477
Grade Level: 10-12

Core Algebra & Statistics
Core Algebra & Statistics is a transition course into College of DuPage (COD). The course is designed to prepare students for a college credit-bearing mathematics course at COD. Core Algebra & Statistics will remediate skills taught in previous math courses as well as expand on algebraic concepts with a concentration on the following topics: transformations of functions, operations on functions, solving equations and inequalities, simplifying rational and radical expressions of higher degree, rational functions, exponential functions, and logarithms. Throughout the year, students will also prepare to complete the Assessment and Learning in Knowledge Spaces (ALEKS) college placement exam. Whereas successful completion of the course at Fenton High School is a grade of a D or better, successful completion of the course for placement into a credit-bearing COD mathematics course will require a grade of a C or better and an ALEKS Placement Exam score of 46 or better. It is required that each student have a TI-30XS.
Prerequisites: Completion of Math 3 or teacher recommendation.
Semesters: 2 Credits: 2
Course Code: 1st Semester -5484, 2nd Semester -5485
Grade Level: 12

AP Calculus AB
This course is the culmination of the traditional sequence of courses in mathematics at Fenton High School. Topics included are functions, limits, derivatives, integrals, analytical geometry, and their many applications to a variety of practical problems. After completing this course, students will be prepared to take the Advanced Placement Examination in AB Calculus. Upon receipt of a satisfactory score, college credit may be given by select colleges and universities. It is required that each student have a TI-84+ graphing calculator.
Prerequisites: Successful completion of Pre-Calculus with a grade of B or better or teacher recommendation.
Semesters: 2 Credits: 2
Course Code: 1st Semester -2061, 2nd Semester -2062
Grade Level: 11, 12

AP Calculus BC
This course is the culmination of the accelerated sequence of courses in mathematics at Fenton High School. This course includes all Calculus AB topics plus 3 additional units; Applications of Integration, Parametric Equations, Polar Coordinates, & Vector-Valued Functions, and Infinite Sequences & Series. After completing this course, students will be prepared to take the Advanced Placement Examination in either Calculus AB or BC. Upon receipt of a satisfactory score on the BC exam, college credit may be given for the equivalent of Calculus 1 and Calculus 2 by some colleges and universities. It is required that each student have any version of a TI-84+ graphing calculator.
Prerequisites: Successful completion of Accelerated Pre-Calculus with a grade of B or better or teacher recommendation.
Semesters: 2 Credits: 2
Course Code:1st Semester -2063, 2nd Semester -2064
Grade Level: 11, 12

Calculus 3
This course is equivalent to the third course in a calculus sequence. It includes concepts including vectors in three-space, quadratic surfaces, partial derivatives with applications and multiple integrals with applications, introduction to vector analysis. Elmhurst University will be providing the instruction online or in person depending on the university's course offerings. Students enrolled in this course will become registered students of Elmhurst University and participate in a group visit to tour the campus and partake in an admission presentation. Students who complete the coursework with a grade of D or better will receive full college credit through Elmhurst University and be offered a scholarship opportunity. Students will not receive a bill for taking part in Elmhurst's Collegiate Extension Program.
Prerequisites: Grade of B or better in AP Calculus BC
Semester: 2 Credit: 0 Course Credit Awarded through Elmhurst University
Course Code: 1st Semester -5473, 2nd Semester -5474
Grade Level: 12

Computer Science Discoveries
Computer Science Discoveries is an introductory, classroom-based course appropriate for students with an emerging interest in computer science. The course aims to empower students to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun. CS Discoveries takes a wide lens on computer science by covering topics such as programming, physical computing, web development, design, and data. The course inspires students as they build their own websites, apps, games, and physical computing devices.
Prerequisite: None
Semesters: 1 Credit: 1
Course Code: 5449
Grade Level: 9-12

Fundamentals of Coding
This course will introduce students to computer science through programming. The course will begin with a brief introduction of how computers work and communicate, followed by several units covering an introduction to basic and advanced programming techniques. These skills include: sequence, selection, iterative constructs, primitive data types, strings, lists, functions, graphics, functional programming, object-oriented programming, and API's. The programming language utilized in this class will be Python, which is currently one of the world's most popular programming languages. ***Dual Credit: Based on preliminary COD approval, Dual Credit may be available to eligible students. See page 11 for details.***
Prerequisites: Successful completion of Math 1 or DL approval.
Semesters: 2 Credits: 2
Course Code: 1st semester –5447, 2nd semester -5448
Grade Level: 9-12

AP Computer Science Principles

AP Computer Science Principles is a full-year mathematics elective course offering a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles will give students the opportunity to use technology to address real-world problems and build relevant solutions. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science. This course does not count towards the mathematics requirements for graduation.

Prerequisites: Successful completion of Math 1 or DL approval.
Semesters: 2 Credits:2
Course Code: 1st Semester -2140, 2nd semester -2141
Grade Level: 10-12

AP Computer Science A

AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language. All 10th and 11th graders must be enrolled in a mathematics course concurrently with this course.

Prerequisites: Successful completion of AP computer Science Principles or Fundamentals of Coding.
Semesters: 2 Credits: 2
Course Code: 1st Semester -2079, 2nd Semester -2080
Grade Level: 11-12

SCIENCE

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Biology
This full-year laboratory science course introduces students to high school science. Biology is the study of living organisms, their origins, how they survive, reproduce, change over time, and interact with each other and their environments. The primary objective of the course is to provide students with a fundamental understanding of modern biology and the scientific process. This introductory Biology class presents a scientific study of the structure and function of living organisms and their ecological relationships. Emphasis is given to practical implications and everyday applications that are meaningful to the student.
Prerequisites: None
Semesters: 2 Credits: 2
Course Code: 1st Semester -5681, 2nd Semester -5682
Grade Level: 9

Accelerated Biology
Biology is the study of living organisms, their origins, how they survive, reproduce, change over time, and interact with each other and their environments. The Accelerated Biology curriculum is an introductory course taught in two semesters of high school. The primary objective of the course is to provide students with a fundamental understanding of modern biology and scientific processes, building a foundation for success in the college level AP courses to follow. The Accelerated Biology curriculum differs from the regular Biology curriculum in meaningful ways. This Pre-AP curriculum examines topics with more depth and includes more advanced resource material with more rigorous and extended reading. Laboratory investigations play a more prominent role in the Accelerated course. Labs are more in depth than in the regular curriculum and students are expected to design and carry out experiments using appropriate methods and resources. Students will be encouraged to advocate for their own learning through being organized, prepared and willing to seek out support from their teachers and classmates.
Prerequisites: None
Semesters: 2 Credits: 2
Course Code: 1st Semester -5613, 2nd Semester -5614
Grade Level: 9, 10

Chemistry
Chemistry is a laboratory course dealing with the structure of and changes in matter. Some of the topics covered include understanding the physical properties of matter, energy and its interactions with matter, describing and categorizing matter, counting particles and describing chemical change. Laboratory investigations and demonstrations will be a focus in class and guide student learning through presentations of group data and class discussion. Access to a scientific calculator is required for this course on a daily basis.
Prerequisites: Successful completion of Biology and Math 1
Semesters: 2 Credits: 2
Course Code: 1st Semester -5621, 2nd Semester -5622
Grade Level: 10-12

Accelerated Chemistry
Chemistry focuses on the structure and interactions of matter. This laboratory-based course will require students to think critically and develop their chemistry understanding through inquiry and experimentation in the classroom. Accelerated chemistry is a great second science course for students who will pursue a STEM based college prep course of study. This is a fast-paced laboratory course dealingwith the structure of and changes in matter. Some of the topics covered include properties of matter in various states, energy and motion of particles, introduction to thermodynamics, types of matter, counting by mass and solubility. Access to a scientific calculator is required for this course on a daily basis.
Prerequisites: Successful completion of Accelerated Biology and Math 1 or teacher recommendation
Semesters: 2 Credits: 2
Course Code: 1st Semester -5721, 2nd Semester -5722
Grade Level: 10-12

Integrated Chemistry and Physics
Integrated Chemistry and Physics is a sophomore level, laboratory based science class which combines elements of Chemistry, Physics, and general science skill into a year long course which is accessible to learners with diverse mathematical skill levels. It is designed to foster enthusiasm and confidence in the field of science through the use of frequent laboratory experiences which promote algebraic problem solving and science reasoning.
Prerequisites: Successful completion of Biology
Semesters: 2 Credits: 2
Course Code: 1st Semester -9338, 2nd Semester -9339
Grade Level: 10-12

Geoscience
Students enrolled in Geoscience have the opportunity to observe and study their physical environment. Major topics covered include the Earth's changing surface, the composition of the surface, Earth history, Astronomy, weather, Oceanography, and climate. The impact on the environment by humans is continually investigated. The course of study utilizes text, video, and laboratory experiences.
Prerequisites: Completion of Biology
Semesters: 2 Credits: 2
Course Code: 1st Semester -5676, 2nd Semester -5677
Grade Level: 10-12

Physics
The purpose of this course is to give students a broad understanding of the fundamental concepts and skills of Physics. Physics is the study of the interactions of matter and energy. Course topics include: motion, forces, and momentum; regions of heat, light, sound and waves; and electricity, magnetism, nuclear chemistry and astronomy. Students will investigate topics through frequent inquiry-based laboratory experiments. In mastering the content, students will be presented information through several additional means that may include but are not limited to lectures, research projects, and homework. Those who put the time and effort into learning the materials will leave the classroom well prepared to succeed in AP Physics.
Prerequisites: Completion of Math 2
Semesters: 2 Credits: 2
Course Code: 1st Semester -5631, 2nd Semester -5632
Grade Level: 11,12

AP Environmental Science
The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science. The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary; item braces a wide variety of topics from different areas of study. Students who earn a successful score on the Advanced Placement exam given in May. ***Dual Credit: Based on preliminary COD approval, Dual Credit may be available to eligible students. See page 11 for details.***
Prerequisites: Successful completion of Chemistry and Math 2
Semesters: 2 Credits: 2
Course Code: 1st Semester -2085, 2nd Semester -2086
Grade Level: 11, 12

AP Physics 1
AP Physics 1 is designed to be an algebra-based introductory class equivalent to the first semester of a college physics course. The primary areas of focus for AP Physics 1 will be motion, forces, energy, momentum, waves, and an introduction to electrostatics and circuitry. Students will investigate topics through frequent inquiry-based laboratory experiments. In mastering the content, students will be presented with information through several additional means that may include but are not limited to lectures, research projects, and homework. The coursework will be rigorous and challenging. Those who put the time and effort into learning the materials will leave the classroom well prepared to succeed in their future physics endeavors. Students will have the option of taking the AP Physics 1 exam in May, which may allow them to earn college credit.
Prerequisites: Successful completion of Chemistry and Math 3
Semesters: 2 Credits: 2
Course Code: 1st Semester -2095, 2nd Semester -2096
Grade Level: 11, 12

AP Physics 2
AP Physics 2 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through classroom study, in-class activities, and hands-on, inquiry-based laboratory work as they explore concepts such as systems, fields, force interactions, change, conservation, waves, and probability.
Prerequisites: Successful completion of Physics or AP Physics 1
Semesters: 2 Credits: 2
Course Code: 1st Semester –2109, 2nd Semester -2110
Grade Level: 11, 12

SOCIAL STUDIES

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Constitution Test Requirement

Students that pass the first semester of Introduction to the Social Sciences will demonstrate a clear understanding of patriotism and principles of representative government, proper use of the flag, methods of voting and the Pledge of Allegiance, as required by Illinois State law and the Fenton graduation requirements.) Students that do not pass the first semester of Introduction to the Social Sciences are required to pass a test of the American Constitution in order to graduate. Those students must make individual arrangements with the Division Leader to take the exam.

Introduction to the Social Sciences

What are the social sciences? In order to acquaint students with the various disciplines within the social sciences, this course presents a survey of American civics, economics, sociology, anthropology, and geography. Various methodologies will be incorporated in order to deal with the basic concepts of the social sciences. The first semester of the course fulfills the state requirement of one semester of civics, focusing on government institutions, the discussion of current and controversial issues, and simulations of the democratic process. It also requires two hours of service learning to teach students the value and importance of civic involvement and service learning in their communities. The theoretical as well as the practical facets of each discipline will be introduced and investigated.

Prerequisites: None
Semesters: 2 Credits: 2
Course Code: 1st Semester -5571, 2nd Semester -5572
Grade Level: 9

World History

World History is a survey of the evolution of diverse civilizations from ancient times to the present. Students learn how the interactions between people from different empires, nation-states, social classes, and religious backgrounds have impacted the course of history. Students will come away from the course with knowledge of world geography, religions, and patterns of social, political, and economic interactions. They will ultimately recognize that the events of the past influence the world we live in today.

Prerequisites: None
Semesters: 2 Credits: 2
Course Code: 1st Semester -5593, 2nd Semester -5594
Grade Level: 10

AP World History: Modern

Students taking this course will fulfill the World History graduation requirement and prepare to take the Advanced Placement exam in World History. The course will develop a greater understanding of the evolution of global history through classroom instruction, independent study, document comparison, and the development of historical scholarship, with an emphasis on developing the skills of historical analysis and writing.

Prerequisites: Introduction to the Social Sciences
Semesters: 2 Credits: 2
Course Code: 1st Semester -2093, 2nd Semester -2094
Grade Level: 10

United States History
The course is a survey of the major events in the history of our country with an emphasis on the Twentieth Century. A major focus is on the political, social, economic, and geographic changes that have contributed to the creation of modern America.
Prerequisites: None
Semesters: 2 Credits: 2
Course Code: 1st Semester -5551, 2nd Semester -5552
Grade Level: 11

AP United States History
Students taking this course will fulfill the United States History graduation requirement and prepare to take the Advanced Placement Exam in United States History. The course will emphasize the tutorial approach, independent study, historiography, and the development of historical scholarship, with an emphasis on developing the skills of historical analysis and writing.
Prerequisites: Introduction to the Social Sciences
Semesters: 2 Credits: 2
Course Code: 1st Semester -2091, 2nd Semester -2092
Grade Level: 11

Latino Studies
Latino Studies is a dynamic and interactive exploration of the rich and diverse heritage, culture, and history of Latino communities across the Americas, which also emphasizes contemporary issues in the Latino world, such as immigration, social justice, identity, and representation. This course places the student at the center of the learning journey, encouraging active engagement, critical thinking, and meaningful dialogue and discussion. With an emphasis on student choice and presentations, this course empowers students to take ownership of their learning experience.
Prerequisite: None
Semesters: 1 Credit: 1
Course Code: 4635
Grade Level: 11-12

Latino Studies for Spanish Speakers
Latino Studies for Spanish Speakers is a dynamic and interactive exploration of the rich and diverse heritage, culture, and history of Latino communities across the Americas, that also emphasizes contemporary issues in the Latino world such as immigration, social justice, identity, and representation. This course places the student at the center of the learning journey, encouraging active engagement, critical thinking, and meaningful dialogue and discussion. With an emphasis on student choice and presentations, this course empowers students to take ownership of their learning experience. This course is taught in Spanish.
Prerequisite: Demonstrated Spanish proficiency via placement in Spanish for Heritage Speakers 1, AP Spanish, or Division Leader approval
Semesters: 1 Credit: 1
Course Code: 4634
Grade Level: 11-12

AP Psychology
Advanced Placement Psychology is designed to prepare students for the AP Psychology exam, which covers an introduction to the scientific and systematic study of behavior. Students are exposed to the psychological facts, principles, and phenomena associated with the major subfields within psychology. Students will also learn about the methodology utilized by psychologists in their practice including the research methods and the APA writing format. In this way, students will continue to develop their critical thinking as well as their reading and writing skills to help them succeed in college. The class will build on the foundations laid during the second semester of Introduction to the Social Sciences.
Prerequisites: Junior or senior standing and recommendation from one social studies teacher, 2-4 Years of social studies.
Semesters: 2 Credits: 2
Course Code: 1st Semester -2105, 2nd Semester -2106
Grade Level: 11, 12

Military History
Military History is a one semester Social Studies elective focused on the central theme of armed conflict. Students will explore the development of warfare on land, sea and air, weapons and technology, strategy and defense, discipline and intelligence, mercenaries and standing armies, guerrilla assault and nuclear arsenals. Understanding the importance and the role of the military in the formation of individual states and societies will be addressed. Emphasis will be placed on the socioeconomic impact of military progress and the moral questions raised by armed conflict.
Prerequisites: None
Semesters: 1 Credits: 1
Course Code: 5527
Grade Level: 11, 12

AP United States Government and Politics
AP United States Government and Politics introduces students to key political ideas, institutions, policies, interactions, roles, and behaviors that characterize the political culture of the United States. The course examines politically significant concepts and themes, through which students learn to apply disciplinary reasoning, assess causes and consequences of political events, and interpret data to develop evidence-based arguments.
Prerequisites: 2-4 Years of Social Studies
Semesters: 2 Credits: 2
Course Code: 1st Semester -5528, 2nd Semester -5529
Grade Level: 11, 12

Criminal Justice
Criminal Justice focuses on the legal system of the United States from the mid-20th Century to the present. This course is designed to meet the needs of students wishing to be exposed to the criminal justice system, wanting to explore a possible career in criminal justice, and who are interested in taking an in-depth look at the American legal system. The course will acquaint students with legal terms, trial procedures and laws that relate to young adults. Major subject areas include crime, the police, the criminal court system, and corrections. This course is a hands-on learning experience that encourages group projects, class discussion, and real-world experiences. When enrolling in this class, be prepared to work in small groups and individually throughout the semester.
Prerequisites: None
Semesters: 1 Credits: 1
Course Code: 5526
Grade Level: 11, 12

AP Microeconomics
AP Microeconomics is a first-semester course that examines how individuals (such as consumers and producers) make decisions and how these decisions affect our everyday lives. Topics discussed include the forces of supply and demand, costs of production, consumer choice, behavioral economics, and the role of government. Students who enroll in this course will have the opportunity to earn college credit by taking an AP examination in the spring.
Note: It is recommended that you have either taken Math 3 or are taking it concurrently with this course.
Prerequisites: None
Semesters: 1 Credits: 1
Course Code: 1st Semester -2097
Grade Level: 11, 12

AP Macroeconomics
This second-semester course examines various methods in which society reacts to developments that occur in our economy and represents an introductory college-level Macroeconomics course. Economic issues that once plagued our economy, such as high unemployment rates, home foreclosures, and our $23 trillion national debt, are a few of the many topics of discussion. Students will apply economic theory that is presented in class in an effort to provide solutions to various economic problems that can persist in any given country. Students will have an opportunity to earn college credit by taking an AP examination in the spring, and successful completion of this course will fulfill the Consumer Education graduation requirement.
Note: It is recommended that you have either taken Math 3 or are taking it concurrently with this course.
Prerequisites: AP Microeconomics
Semesters: 1 Credits: 1
Course Code: 2nd Semester -2098
Grade Level: 11,12

PHYSICAL EDUCATION, HEALTH & DRIVER'S ED

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Physiology of Exercise 9
Physiology of Exercise 9 offers a variety of activities designed to develop an understanding of the effect exercise has on the body. In addition, these activities will enhance strength, flexibility, and cardiovascular endurance. The topics and activities include an introduction to physiology of exercise, soccer, tennis, weight training, fitness, track and field, and anabolic steroid abuse prevention. This course is required for all 9th grade students, and is taken in the opposite semester of Health.
Prerequisite: None
Semesters: 1 Credits: 1
Course Code: 8101
Grade Level: 9

Health
The Health Education course is one semester of freshman year, and runs in the opposite semester of a Physiology of Exercise 9 course. Topics of instruction are: health skills, mental and emotional health, family and social health, growth and development, communicable and chronic diseases, nutrition, alcohol, tobacco and other drugs, and consumer and community health. Some specific topics covered include: CPR and AED use, violence prevention and conflict resolution, internet safety, danger and avoidance of abduction, sexual abuse (Erin's Law), and anabolic steroid abuse prevention.
Prerequisites: None
Semesters: 1 Credits: 1
Course Code: 8025
Grade Level: 9

Physiology of Exercise 10
Physiology of Exercise 10 is required for all 10th grade students, and is taken in the opposite semester of Driver Education. Students will participate in group challenge projects to develop skills as they collaborate, problem-solve, and bolster communication experiences. Students in this course will be challenged to work together to achieve a common goal as they face other groups to learn about decision-making, time management, adaptability, critical thinking, group dynamics, and leadership. This course offers students a variety of activities designed to develop an understanding of the effect that exercise has on the body. In addition, these activities will enhance strength, flexibility, and cardiovascular endurance. The topics and activities include fitness, team building, wall climbing, individual/team games such as pickleball, ultimate frisbee, ultimate football, speedball, floor hockey, bowling, spikeball, and disc golf.
Prerequisite: Successful Completion of Physiology of Exercise 9
Semesters: 1 Credits: 1
Course Code: 8105
Grade Level: 10

Driver Education Classroom
Classroom driver education is taken during the sophomore year. Students must have earned 10 or more credits and State of Illinois law requires students to have passed a minimum of 8 courses during the previous two semesters. Students enrolled in driver education classroom will take their required physical education courses in the opposite semester. Enrollment order for driver education is determined by student birthdate, and there are no fees to take driver education classroom instruction during the school year. Specific topics and units covered in the classroom portion of driver education include:
·Distracted Driving
·Proper actions to take during a traffic stop
·Appropriate interactions with law enforcement
Prerequisite: 10 or more credits earned and passed a minimum of eight courses during the previous two semesters
Course Code: 8091
Grade Level: 10-12

Team Sports
Students enrolled in Team Sports will further their understanding of foundational skills in a variety of physical education activities. Students will continue to learn and apply health and skill related components of fitness. The topics and activities in this course will include units in fitness, lifetime activities, team sports, and anabolic steroid abuse prevention. Example activities may include badminton, backyard games, basketball, fitness testing, floor hockey, small group fitness, soccer, tchoukball, ultimate frisbee, volleyball, weight training, and yoga.
Prerequisite: Successful Completion of Physiology of Exercise 9
Semesters: 1 or 2 Credits: 1 or 2
Course Code: 1st Semester -8051, 2nd Semester -8052
Grade Level: 11-12

Student Leader
Student Leaders enrolled in Team Sports will support and assist fellow students in their understanding of foundational skills in a variety of physical education activities. Students will continue to learn and apply health and skill related components of fitness. The topics and activities in this course will include units in fitness, lifetime activities, team sports, and anabolic steroid abuse prevention. Example activities may include badminton, backyard games, basketball, fitness testing, floor hockey, small group fitness, soccer, tchoukball, ultimate frisbee, volleyball, weight training, and yoga.
Prerequisite: Physiology of Exercise 9
Semesters: 1 or 2 Credits: 1 or 2
Course Code: 1st Semester -8087, 2nd Semester -8088
Grade Level: 11-12

Strength and Conditioning
The Strength and Conditioning class offers students an opportunity to gain knowledge, skills and techniques, while developing a workout program. Topics of discussion include: anatomical adaptation, hypertrophy, maximum strength, transition phase, muscle breakdown and recovery, nutrition and muscle growth, the proper use of nutritional supplements, and anabolic steroid abuse prevention. Students will also be taught muscle anatomy, principles and theories of muscle hypertrophy and weight lifting, and avoiding and dealing with muscle soreness. As students participate in this course they will actively use weight lifting equipment and will be taught proper usage and safety procedures used in weight training.
Prerequisite: Successful Completion of Physiology of Exercise 9
Semesters: 1 or 2 Credits: 1 or 2
Course Code: 1st Semester -8071, 2nd Semester -8072
Grade Level: 11-12

Fitness and Nutrition
Fitness and Nutrition is a course that combines fitness activities and a food lab experience. Fitness and Nutrition emphasizes a healthy lifestyle with a variety of specific course topics and activities, and developing and preparing tasty, healthy foods. Students will be exposed to sport as well as fitness activities through circuit training, weight training, cardiovascular endurance training, and discussions regarding anabolic steroid abuse prevention. Students will earn a Physical Education credit for this course, and the course is offered as a semester or year-long, and may be repeated.
Prerequisite: Successful Completion of Physiology of Exercise 9
Semesters: 1 or 2 Credits: 1 or 2
Course Code: 1st Semester -8073, 2nd Semester -8074
Grade Level: 11-12

Behind the Wheel
Behind-the-wheel (BTW) is offered at Fenton High School for students who have successfully completed all State of Illinois classroom driver education requirements. BTW takes place after school, before school, on weekends, and in summer. Students must complete six hours of driving and six hours of observation with a licensed BTW instructor, and BTW has a lab fee of $200. In addition, students must complete fifty hours of driving time with parents/guardians. To sign-up for BTW, students must complete the sign-up form which can be found on the Fenton website. Specific Topics/Units covered in Behind-the-Wheel include:
·Starts, Stops, and Turns
·Backing and Turnabouts
·Multi-Lane Roadways
·City Driving and Maneuvers
·Higher Speed Roadways
·Limited Access Roadways
·Driving in Adverse Conditions
Prerequisite: Successful completion of the classroom phase of Driver Education, student must possess a valid Illinois Instructional Permit and Illinois State law requires students to have passed a minimum of eight courses during the previous two semesters.
Course Code: 9224
Grade Level: 10-12
Fee: $200.00

CONSUMER EDUCATION

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Consumer Education

Do you feel that you are ready for life after high school? Are you confident that you will have enough money to support yourself and live the type of lifestyle you want to live? By enrolling in Consumer Education, you will take the first step in preparing for a successful future by learning how to manage credit, invest for retirement, and budget everyday expenses. Students will also complete projects on buying a new home and buying a new or used car. Students will gain a greater understanding of basic economic concepts so they can make informed buying decisions and learn how to manage their money. Note: This Course Meets the Consumer Education Graduation Requirement.

Prerequisites: None
Semesters: 1 Credits: 1
Course Code: 7075
Grade Level: 10-12

SPECIALIZED PROGRAMS & COURSES

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630-238-4717

Resilience, Engagement, Support, Enrichment, and Tranformation (RESET)
Resilience, Engagement, Support, Enrichment, and Tranformation (RESET) program is an alternative educational placement. Designed for students to recover credits of failed classes and/or completing credits needed to achieve an on-time graduation, placement in the program is determined through an administrative meeting, or through the recommendation of the Bison Intervention Team. The FACT class meets for a shortened school day (see attached calendar for hours) in a computer lab where instruction is delivered through interactive online courses, and facilitated by a classroom teacher. Student placement in the program is for one full semester at a time, and exit from the program to the comprehensive day school program at FHS is dependent on sustained success in the areas of academic progress, attendance, and appropriate behavior. A meeting is held at the end of the semester to determine next steps for educational placement.

Bison Orange
Bison Orange is an intervention designed to improve academic performance. Bison Orange is an alternative to a regular study hall and occurs within the regular school day. Students are selected for the intervention based on credit status or recommendation.
Prerequisite: None
Semester(s): 1 Credits:1
Grade Level: 9-12

EL/BILINGUAL

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630-238-4718

Bilingual Spanish Literacy
Bilingual Spanish Literacy provides Spanish-speaking English Learners with foundational skills in literacy in the Spanish language. Literacy skills in reading, writing, and vocabulary will be developed so students become proficient enough to continue to an at-level Spanish Heritage course and eventually AP Spanish. The course will also address the specific needs of the group as grammatical and vocabulary gaps are noted. The class is conducted entirely in Spanish, using authentic resources and utilizing linguistic comparisons with the English language.
Semesters: 2 Credits: 2
Course Code: 1st Semester -4413, 2nd Semester -4414
Grade Level: 9-12

Bilingual Study Skills
Bilingual Study Skills is a support class for English Learners where students receive academic skills that can transfer to many different content areas and courses of study and taught by an EL or Bilingual endorsed teacher.
Semesters: 2 Credits: 2
Course Code: 1st Semester - 4566, 2nd Semester - 4567
Grade Level: 9-12

Consumer Education (EL & Bilingual)
Do you feel that you are ready for life after high school? Are you confident that you will have enough money to support yourself and live the type of lifestyle you want to live? By enrolling in Consumer Education, you will take the first step in preparing for a successful future by learning how to manage credit, invest for retirement, and budget everyday expenses. Students will also complete projects on buying a new home and buying a new or used car. Students will gain a greater under- standing of basic economic concepts so they can make informed buying decisions and learn how to manage their money. Note: This Course Meets the Consumer Education Graduation Requirement.
Prerequisites: None
Semesters: 1 Credits: 1
Course Code: EL: 4627 Bilingual: 4628
Grade Level: 11,12

English Language& Literature 1
This is a course for beginning English students. Students learn basic interpersonal communication skills for school and community survival so that all EL students may have successful experiences at Fenton High School. Emphasis is on study skills which provide the means for success in regular courses when the student exits the EL program.
Semesters: 2 Credits: 4
Course Code: 1st Semester –4521, 2nd Semester –4522
Grade Level: 9-12

English Language & Literature 2
Level 2 builds on previously introduced skills and emphasizes reading and writing while continuing to develop oral proficiency in English. Specific reading skills such as using context clues, finding the main idea, drawing conclusions, and making inferences are developed. Intensive writing skills concentrate on sentence formation, using correct punctuation, and constructing simple, coherent paragraphs.
Semesters: 2 Credits: 2
Course Code: 1st Semester -4523, 2nd Semester -4524
Grade Level: 9-12

English Language & Literature 3
EL 3 parallels the regular English1 curriculum and provides an extensive review for improving communication skills on a level for students who are still developing their English proficiency. Students analyze the short story and the novel as forms of literature. Poetry, mythology, and drama are also studied. This course provides intensive work with reading skills, vocabulary development, sentence structure, and paragraph development culminating in the formation of an argumentative essay. This course meets the English 1 requirement for graduation.
Semesters: 2 Credits: 2
Course Code: 1st Semester -4525, 2nd Semester -4526
Grade Level: 9-12

English Language and Literature 4
EL 4 mirrors the regular English curriculum and provides an extensive review or improving communication skills on level for students who are still developing English proficiency. Activities and assignments will afford students the opportunity to expand their vocabulary, refine their responses to literature and their understanding of various media, and improve their speaking, listening, and presentation skills. Writing assignments will continue to improve students' writing, research, and rhetorical skills.
Semesters: 2 Credits: 2
Course Code: 1st Semester -4603, 2nd Semester -4604
Grade Level: 9-12

Content Literacy
Required of all EL students, this course is designed to assist students in acquiring academic vocabulary and applying reading strategies to various content areas. Opportunities are provided for developing literacy skills through independent reading and writing.
EL 1 CODE: 1st Semester: 4540, 2nd Semester: 4541
EL 2 CODE: 1st Semester: 4542, 2nd Semester: 4543
EL 3 CODE: 1st Semester: 4544, 2nd Semester: 4545
EL 4 CODE: 1st Semester: 4605, 2nd Semester: 4606
Semesters: 2 Credits: 2
Grade Level: 9-12

EL / Bilingual Math 1
Math 1 is the first year of a three-year integrated mathematics course sequence. Concepts in this course are scaffolded, extending students' under- standing and deepen their knowledge of algebra and functions, geometry, and statistical analysis. Students will be exposed to rich instruction that develops their conceptual understanding, problem- solving skills, critical thinking abilities, and application using technology-enriched programs. Learning is centered around the following six core mathematical pillars: Simplify, Solve & Evaluate, Symbolic & Graphical Representation, Spatial Reasoning & Analysis, Data Analysis, Probability, & Statistics, Mathematical & Logical Argumentation, and Social and Emotional Learning. This curriculum promotes active learning and prepares students for the next course in the sequence, Math 2. School issued TI-30XS calculator is required for this course.
Prerequisites: None
Semesters: 2 Credits: 2
Course Code: EL Code 1st Semester -4577, 2nd Semester –4578; Bilingual Code: 1stSemester -4573, 2nd Semester -4574
Grade Level: 9

EL / Bilingual Math 2

Math 2 is the second course of a three-year integrated mathematics sequence. Concepts in this course builds and strengthens students' contextual knowledge of Algebra and Geometry, extending students' understanding and deepen their knowledge of algebra and functions, geometry, and probability. Students will be exposed to rich instruction that develops their conceptual under- standing, problem-solving skills, critical thinking abilities, and application using technology-enriched programs. Learning is centered around the following six core mathematical pillars: Simplify, Solve & Evaluate, Symbolic & Graphical Representation, Spatial Reasoning & Analysis, Data Analysis, Probability, & Statistics, Mathematical & Logical Argumentation and Social and Emotional Learning. This curriculum promotes active learning and prepares students for the next course in the sequence, Math 3. School issued TI-30XS calculator is required for this course.

Prerequisites: Completion of Math 1

Semesters: 2 Credits: 2

Course Code: EL Code: 1st Semester -4579, 2nd Semester -4580; Bilingual Code: 1stSemester -4575, 2nd Semester -4576

Grade Level:10

EL/Bilingual Math 3

Math 3 is designed to develop a deeper understanding of the underlying concepts of algebra, geometry, and statistics. As a third course in an integrated high school sequence, this course will afford the student opportunities for engaging in activities that will facilitate the transition to more abstract ways of thinking. Units include: analytical geometry, geometric modeling, circles and parabolas, representing functions, rational functions, exponential and logarithmic functions, and inferential statistics. Learning is centered around the following six core mathematical pillars: Simplify, Solve & Evaluate, Symbolic & Graphical Representation, Spatial Reasoning & Analysis, Data Analysis, Probability & Statistics, Mathematical & Logical Argumentation, and Social and Emotional Learning.

Prerequisites: Completion of Math 2

Semesters: 2 Credits: 2

Course Code: EL Code: 1st Semester -4621, 2nd Semester -4622, Bilingual Code: 1st Sem -4623, 2nd Sem -4624

19

Grade Level: 11

EL/College Algebra

College Algebra is a transition course into College of DuPage (COD). The course is designed to prepare students for a college credit-bearing mathematics course at COD. College Algebra will remediate skills taught in previous math courses as well as expand on algebraic concepts with a concentration on the following topics: transformations of functions, operations on functions, solving equations and inequalities, simplifying rational and radical expressions of higher degree, rational functions, exponential functions, and logarithms. Throughout the year, students will also prepare to complete the Assessment and Learning in Knowledge Spaces (ALEKS) college placement exam. Successful completion of the course for placement into a credit-bearing COD mathematics course will require a grade of a C or better and an ALEKS Placement Exam score of 46 or better. It is required that each student have a TI-30XS calculator. This course is designed for EL students.

Prerequisites: Completion of Math 3 or teacher recommendation

Semesters: 2 Credits: 2

Course Code: 1st Semester -4637, 2nd Semester -4638

Grade Level: 12

Health (EL & Bilingual)
This course is designed to assist English Learners to acquire English skills while they learn how to develop a healthy lifestyle based on informed choices. These topics may include: personal health, stress management, systems of the body, mental health, personal relationships, sexuality, marriage, parenthood, human growth and development, nutrition and physical fitness, the abuse of drugs, alcohol, and tobacco, and diseases and disorders. Successful completion of this course fulfills Fenton's health course requirement for graduation.
Prerequisites: Approval from an EL Instructor
Semesters: 1 Credits:1
Course Codes: ELL Code: 4508 Bilingual Code: 4509
Grade Level: 9-12

Biology (EL & Bilingual)
This is a full-year course intended to meet the needs of Limited English Proficient students pursuing a science-related career or preparing to attend a four-year college. This course presents principles that compare and contrast the structures and functions found in all living things from one-celled organisms through the human body. Topics such as biological classification, cell structure and function, genetics, microbiology, and balanced and functioning systems are covered. The course is the first course in the teaching of laboratory procedures and the scientific method taught at the high school level. In addition, this course satisfies one course of the science requirement at Fenton and for admission to college.
Prerequisites: Approval of the EL/Bilingual Instructor
Course Codes: EL Code:1st Semester -4629, 2nd Semester -4630 Bilingual Code: 1st Semester -4631, 2nd Semester -4632
Semesters: 2 Credits: 2
Grade Level: 9-10

Chemistry (EL & Bilingual)
This course is designed as the second course in the science sequence for students. This is a laboratory course dealing with the structure of and changes in matter. Some of the topics covered include understanding the physical properties of matter, energy and its interactions with matter, describing and categorizing matter, counting particles and describing chemical change. Laboratory investigations and demonstrations will be a focus in class and guide student learning through presentations of group data and class discussion. Access to a scientific calculator is required on a daily basis.
Prerequisites: Approval of the EL/Bilingual Instructor
Semesters: 2 Credits: 2
Course Codes: EL Code: 1st Semester -4703, 2nd Semester -4704 Bilingual Code: 1st Semester- 4405, 2nd Semester -4406
Grade Level: 10-12

Introduction to the Social Sciences (EL & Bilingual)
This course will assist English Learner students in improving their English skills while acquainting them with the various disciplines within the social sciences. Units include civics, political science, psychology, economics, sociology, anthropology, and geography. During the civics unit, students will be assessed on the U.S. Constitution, the Illinois Constitution, and the U.S. Flag, which are required for graduation in the state of Illinois. Students must also complete two hours of community service during first semester so they acquire the value and importance of civic involvement in their communities. This course fulfills part of the three-year Social Studies requirement for graduation.
Prerequisite: None
Semesters: 2 Credits: 2
Course Codes: EL Code: 1st Semester -4600, 2nd Semester -4601 Bilingual Code: 1st Semester -4501 2nd Semester –4502
Grade Level: 9-10

World History (EL & Bilingual)
The purpose of EL or Bilingual World History is to develop English language skills while studying the evolution of diverse civilizations from ancient times to the present. Students learn how the interactions between people from different empires, nation-states, social classes, and religious backgrounds have impacted the course of history. Students will come away from the course with knowledge of world geography, religions, and patterns of social, political, and economic interactions. They will ultimately recognize that the events of the past influence the world we live in today. This course fulfills part of the three-year requirement of social studies for graduation.
Prerequisites: Approval from an EL Instructor
Semesters: 2 Credits: 2
Course Codes: EL Code: 1st Semester -4609, 2nd Semester -4608 Bilingual Code: 1st Semester -4609, 2nd Semester -4610
Grade Level: 9, 10

United States History (EL & Bilingual)
This course is a survey of the major events in U.S. history for English Learner students. The purpose of this course is to develop English language skills through a study of the American people, culture, and past. This course takes a multicultural view of such topics as the development of the American form of constitutional republican government, the development of the American economy, United States foreign policy, and the evolution of our total cultural heritage. Knowledge of the past is related to current events in order to develop a sense of historical continuity.
Prerequisites: Approval from an EL Instructor
Semesters: 2 Credits: 2
Course Codes: EL Code: 1st Semester -4517, 2nd Semester -4518 Bilingual Code: 1 Semester -4517
Grade Level: 9-12

Latino Studies for Spanish Speakers
Latino Studies for Spanish Speakers is a dynamic and interactive exploration of the rich and diverse heritage, culture, and history of Latino communities across the Americas, that also emphasizes contemporary issues in the Latino world such as immigration, social justice, identity, and representation. This course places the student at the center of the learning journey, encouraging active engagement, critical thinking, and meaningful dialogue and discussion. With an emphasis on student choice and presentations, this course empowers the student to take ownership of the learning experience. This course is taught in Spanish.
Prerequisite: Demonstrated Spanish proficiency via placement in Spanish for Heritage Speakers 1, AP Spanish, or Division Leader approval
Semesters: 1 Credit: 1
Course Code: 4634
Grade Level: 11-12

EL/Bilingual Study Skills
Topics studied in this course include goal-setting, time management and self-organization, information retrieval from a variety of sources such as the library's reference materials and the Internet, note-taking skills and outlining, memorization techniques and test preparation, reading and interpreting maps and map symbols, charts, graphs, and diagram. Using the techniques learned in this course, students will be better prepared to understand their textbooks and courses in school and college.
Prerequisite: Approval of EL Coordinator
Semester: 2 Credits:2
Course Code: EL: 1st Semester -4619, 2nd Semester -4620 Bilingual: 1st Semester -4566, 2nd Semester -4567
Grade Level: 9-12 (seniors may enroll 1st semester)

SPECIAL EDUCATION

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Special Education Services

Fenton Community High School District #100 provides a full continuum of services and placements for students found eligible to receive special education services until graduation or the age of 22.

We are committed to providing a supportive environment in which our students with diverse learning needs can develop academic, social, emotional, vocational, and life skills. The department offers a full continuum of services and placements from support in the general education environment to specialized instructional courses, and/or related services. The primary focus of the Special Education Department is to not only grow students' independent learning skills, but also to prepare students for their future goals in the areas of post- secondary education, employment, and independent living.

Fenton High School maintains specific procedures for referral, placement, and programming. Support and services for each student receiving services is provided as outlined within the student's Individualized Education Plan (IEP). Services and placement are determined by an IEP team through a multi-disciplinary conference based on the student's individual needs. Educational services and placement is provided along a continuum within the Least Restrictive Environment (LRE).
Placements at Fenton may include:

- General education with support (Co-Taught, Teacher Assistants, Supplementary Aids)
- Specialized instruction
- Learning Achievement Program (LAP)
- Life Skills& Related Services such as speech, social work, occupational therapy, and itinerant services (vision & hearing).

LAP

The objective of the Learning Achievement Program (LAP) is to provide an appropriate learning environment for students who thrive with additional emotional, behavioral and academic support. The Learning Achievement Programs works with students who qualify for Special Education under the area of Specific Learning Disabilities, Emotional Disabilities, Autism Spectrum Disorder and Other Health Impairment. The program offers classes in a special education environment taught by the same teacher and consistent teaching assistants. The goal of these classes is to help students establish or improve appropriate emotional regulation, executive functioning, academic and social skills so that they can return to the mainstream educational environment. The program follows a modified Boystown methodology and incorporates the RULER curriculum across all content areas. Discipline is handled using restorative practices.

The program’s purpose is to support students as they attain their required academic credits to graduate from Fenton High school. Support is offered using a tiered approach based on student need. Students may take their required classes in a self-contained setting, team-taught setting with special education support and accommodations to meet their social emotional and academic needs, or in a general education setting with the support of a teaching assistant.

Reading Language Resource (RLR)
Reading Language Resource is designed to help students with organizational skills as well as to assist with their assignments from the general education curriculum. RLR allows for students to receive individual assistance and to meet the needs listed on the student's Individualized Education Plan.
Prerequisites: Placement determined by IEP Team
Semesters: 2 Credits: 2
Course Code: 1st Semester -361, 2nd Semester -362
Grade Level: 9-12

Community-Based Learning
This course ensures students develop the functional and vocational skills needed to thrive as a productive citizen of the United States and a more global society. Instruction is scaffolded to ensure student success and acquisition of the basic competencies through social-emotional awareness, independent living practices, career soft skills, and career exploration linked to post-secondary transition goals. This course satisfies the requirements of social studies, science, and consumer education.
Prerequisites: Placement determined by IEP Team
Semesters: 2 Credits: 3
Course Codes: 1st Semester -105, 2nd Semester -106
Grade levels: 9-12

Pre-Vocational Program
Students who are 16 years or older are introduced to the world of work. Classroom instruction focuses on skills to obtain and maintain a job. Career exploration is individualized to each student's interests and abilities. Second semester is focused on consumer education skills. Students are to maintain a job working 15 hours per week. Students have the opportunity to enroll with the Department Rehabilitation Services for postsecondary services. Students will need to provide a social security number and a parent signature to begin the referral process. This will assist students with career preparation and placement after graduation. In addition, students will create an online portfolio. This includes assessments, interest inventory, and resumes.
NOTE: This course meet the Consumer Education Requirements for Graduation.
Prerequisites: Placement determined by IEP Team
Semesters: 2 Credits: 2
Course Code: 1st Semester -411, 2nd Semester -412
Grade Level: 11, 12

Social Psychology
Social Psychology is a foundational course within LAP. In this course students learn appropriate Social Skills following the Boystown Methodology. Students also follow the RULER program which allows students to master the ability to identify and regulate emotions. Curriculum rotates within Social Psychology between RULER, Boystown and Social Emotional based life skill content. This course is only offered to students within the Learning Achievement Program. The program social worker meets with students on an individual basis during this course. This course teaches students how to resolve conflict using restorative justice.
Prerequisite: Placement determined by IEP Team
Semesters: 2 Credits: 2
Course Code: 1st Semester -606
Grade Level: 9-12

General English
This course is designed to meet the students at their current level and maximize their potential with a focus on functional language skills for life. Basic writing will be expanded for a variety of purposes, along with reading skills and study skills habits. These concepts have been designed with the intent to support the students in their other classes as well as to support them to be as independent as possible in managing these skills outside of the classroom. Students may be enrolled in this course for more than one year, depending on their ability. The curriculum is revised each year to suit the students who are enrolled and to build on the previous years' material.
Prerequisites: Placement determined by IEP Team
Semesters: 2 Credits:2
Course Code: 1st Semester -233, 2nd Semester -234
Grade Level: 9- 12

English 9
This course is designed to help students with improvement in the areas of reading comprehension, vocabulary, and written communication skills. Students will analyze fiction, the short story and the novel. Students will be introduced to grammar and essay writing.
Prerequisites: Placement determined by IEP Team
Semesters: 2 Credits: 2
Course Code: 1st Semester -363, 2nd Semester -364
Grade Level: 9

English 10
This course aligns directly with the Common Core for English Language Arts and is designed to help students improve reading, writing, speaking, listening and analytical skills through world literature and various genres. This course's content is modified to meet the needs of students with Individualized Education Plans. Assignments and activities will focus on various literary pieces and nonfiction, writing appropriately for different occasions, audiences, and purposes, and improving their speaking, listening, and presentation skills. In addition, we continually practice and review grammar and vocabulary to improve reading, and writing skills.
Prerequisites: Placement determined by IEP Team
Semesters: 2 Credits: 2
Course Code: 1st Semester -121, 2nd Semester -122
Grade Level: 10

English 11
This two-semester course focuses on the study of American literature in combination with extensive practice in composition. Students will explore works of poetry, fiction, nonfiction, and drama spanning the course of American history from the colonial period to the present day. This course is modified to meet needs of students with Individualized Education Plans. In addition, we continually practice and review grammar and vocabulary to improve reading, and writing skills.
Prerequisites: Placement determined by IEP Team
Semesters: 2 Credits: 2
Course Code: 1st Semester -151, 2nd Semester -152
Grade Level: 11, 12

English 12
English 12 is a year-long course for students who require individualized attention in a smaller class setting to receive explicit reading and writing instruction. The course focuses on non-fiction reading to prepare students for careers and community college after high school. Students participate in a novel study each semester, essay writing, resume and cover letter writing, in addition to a career research project to help students outline the next steps from high school to post-secondary life.
Prerequisites: Placement determined by IEP Team
Semesters: 2 Credits: 2
Course Code: 1st Semester -181, 2nd Semester -182
Grade Level: 12

English
This course will serve to develop students' competencies in the areas of Reading, Writing, Speaking, Listening, and Social Emotional skills. Students will develop skills related to reading non-fiction text and literature. They will develop writing skills related to narrative, rhetorical argument, and literary analysis. They will also participate in collaborative discussions and produce engaging presentations. Social emotional supports are embedded as an essential part of the instructional model.
Prerequisites: Placement determined by IEP Team
Semesters: 2 Credits: 2
Course Code: 1st Semester -600, 2nd Semester -601
Grade Level: 9-12 (depending on reading level)

Math 1 Part 1
Math 1 Part 1 is the first part of the Math 1 sequence. Students can expect to increase their algebraic vocabulary. Concepts in this course are scaffolded, extending students' understanding and deepening their knowledge of algebra and functions. Students will be exposed to instruction that develops their conceptual understanding, problem solving skills, and critical thinking abilities regarding algebra and functions. Students with intentions of taking additional math courses will need a good understanding of the skills and concepts of Algebra. This curriculum promotes active learning and prepares students for the next part in the Math 1 sequence, Math 1 Part 2. School issued TI-30XS calculator is required for this course.
Prerequisites: Placement determined by IEP Team
Course Codes: 1st Semester -257, 2nd Semester -258
Semesters: 2 Credits: 2
Grade Level: 9-12

Math 1 Part 2
Math 1 Part 2 is the second part of the Math 1 sequence. Concepts in this course are scaffolded, extending students' understanding and deepening their knowledge of algebra and functions. Students will continue being exposed to instruction that develops their conceptual understanding, problem-solving skills, and critical thinking abilities regarding algebra and functions. This curriculum promotes active learning and prepares students for the Math 2 and Explorations of Geometry. A school-issued TI-30 X calculator is required for this course.
Prerequisites: Placement determined by IEP Team
Course Codes: 1st Semester -259, 2nd Semester -260
Semesters: 2 Credits: 2
Grade Level: 10-12

Explorations of Geometry
This two semester geometry course continues the math sequence for students who have completed Math 1 P1 and Math 1 P2. This course will explore the fundamental concepts of geometry such as triangles, circles, parallel lines, and solid geometry. Fundamental vocabulary, properties, and the language of geometry will be taught. Algebra skills will be reinforced through the application of geometric concepts.
Prerequisites: Placement determined by IEP Team
Semesters: 2 Credits: 2
Course Code: 1st Semester -295, 2nd Semester -296
Grade Level: 10-12

Applied Geometry
The Applied Geometry course continues the math sequence for students who have completed Fundamentals of Math 1 Part I and Part II, and Explorations of Geometry. This course will explore the fundamental concepts of geometry such as triangles, circles, parallel lines, and solid geometry. Fundamental vocabulary, properties, and the language of geometry will be taught. Algebra skills will be reinforced through the application of geometric concepts.
Prerequisites: Placement determined by IEP Team
Semesters: 1 Credits: 1
Course Code: 297
Grade Level: 10-12

Consumer Math
In Consumer Math, students will learn about topics that are vital for life after high school. Students will learn about money management, budgeting, banking and checking accounts, renting/home ownership, saving money/ investing, purchasing a car, insurance, credit as well as how to become an educated consumer in our society. Note: This course meets the Consumer Education Requirements for Graduation.
Prerequisites: Placement determined by IEP Team
Semesters: 1 Credits: 1
Course Code 298
Grade Level: 12

General Math
This math class focuses on functional mathematics in real- life contexts. Basic money concepts such as total costs, change, tax, and budgets are covered. Time management, reading schedules, and using a map are also concepts covered throughout the year. Percentages, fractions, and decimals are coveredin the context of real life situations such as cooking, measurement, and budgeting purposes. Numeration and computation of numbers in daily living, which included addition of percentages, fractions and decimals, are covered throughout the year. The course changes from year to year dependingon repeat students, so that each year they grow and advance in their skills.
Prerequisites: Placementdetermined by IEP Team
Semesters: 2 Credits: 2
Course Code: 1st Semester -235, 2nd Semester -236
Grade Level: 9-12

Math
This course provides a varying array of mathematical concepts based on individual student's needs. The course ensures students develop the foundational mathematical competencies addressed with- in the math department: Simplify, Solve & Evaluation, Symbolic & Graphical Representation, Spatial Reasoning& Analysis, Probability & Statistics, Mathematical/Logical Argumentation, Reflection & Problem Solving ,and Communication & Collaboration. Social Emotional Supports are embedded as an essential part of the instructional model.
Prerequisites: Placement determined by IEP Team
Semesters: 2 Credits: 2
Course Code: 1st Semester -602, 2nd Semester -603
Grade Level: 12

Health Skills
Health Skills is designed to instruct students in the following health related subjects: nutrition, wellness, tobacco, alcohol and drugs, and sexuality. Students will learn the factors that contribute to good physical, mental and social health.
Prerequisites: Placement determined by IEP Team
Semesters: 1 Credits: 1
Course Code: 510
Grade Level: 9

World History
World History is a survey of the evolution of diverse civilizations from ancient times to the present. Students learn how the interactions between people from different empires, nation-states, social classes, and religious backgrounds have impacted the course of history. Students will come away from the course with knowledge of world geography, religions, and patterns of social, political, and economic interactions. They will ultimately recognize that the events of the past influence the world we live in today.
Prerequisites: Placement determined by IEP Team
Semesters: 2 Credits: 2
Course Code: 1st Semester -616, 2nd Semester -617
Grade Level: 10

U.S. History
The course is a survey of the major events in the history of our country with an emphasis on the Twentieth Century. A major focus is on the political, social, economic, and geographic changes that have contributed to the creation of modern America.
Prerequisites: Placement determined by IEP Team.
Semesters: 2 Credits: 2
Course Code: 1st Semester -608, 2nd Semester -609
Grade Level: 11

Social Studies

This course offers a varying array of concepts based on students' individual needs. In order to acquaint students with the various disciplines within the social sciences, this course presents a survey of American civics, psychology, economics, sociology, anthropology, and geography. Various methodologies will be incorporated in order to deal with the basic concepts of the social sciences. The first semester of the course fulfills the state requirement of one semester of civics, focusing on government institutions, the discussion of current and controversial issues, and simulations of the democratic process. It also requires two hours of service learning to teach students the value and importance of civic involvement and service learning in their communities. The theoretical as well as the practical facets of each discipline will be introduced and investigated. Social Emotional supports are embedded as an essential part of the instructional model.

Prerequisites: Placement determined by IEP Team.
Semesters: 2 Credits: 2
Course Code: 1st Semester –604, 2nd Semester -605
Grade Level: 9

ELECTIVE PROGRAM GUIDE

2027-2028



WWW.FENTON100.ORG
ADDRESS : 1000 W GREEN STREET, BENSENVILLE, IL
PHONE 630-766-2500

WELCOME TO FENTON'S ELECTIVE PROGRAMS

Explore. Discover. Create Your Future.

High school is more than just checking off classes—it's your chance to explore what excites you and start connecting it to your future. At Fenton, you can choose from over 120 elective courses across 18 different career areas, from arts and technology to business and engineering. Whether you're curious about a new hobby, passionate about a subject, or thinking about your future career, there's something here for you.

You don't have to have your path figured out yet. Think of electives as stepping stones—each course gives you hands-on experiences, real-world skills, and new opportunities to discover what you love. By exploring different areas, you'll build the knowledge and confidence to make choices that fit your goals and interests.

What to know as you plan:

- Courses are offered at different grade levels. Most introductory electives are open to freshmen, while advanced options may be limited to upper grades.
- TCD programs and internships are available during senior year, giving you even more ways to connect learning to real-world experiences.
- Your counselor is your go-to guide. They can help you navigate your options and build a pathway that makes sense for you.

Start exploring today—your future is waiting!

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BUSINESS ENTREPRENEURSHIP

Recommended Elective Courses

- Business Orientation #
- Marketing 1 & 2*
- Business Incubator*
- Business Accelerator
- Public Speaking & Communications
- AP Statistics*
- Internship: Business & Finance





Related Courses for Postsecondary Readiness

- 4th Year Math - AP Statistics* Preferred
- 2-4 Years of World Language
- AP Psychology*
- AP Macroeconomics*
- AP Microeconomics*



Related Clubs / Activities

- DECA (Distributive Education Clubs of America)
- International Club



Future Careers/College Majors

- Startup Founder
- Marketing Manager/Specialist
- Business Consultant
- Account Executive
- Project Manager
- Sales Manager



Courses marked with an asterisk (*) may offer Early College Credit.
Courses marked with a hashmark (#) are open to incoming freshmen.

Course Descriptions for Business Entrpreneurship

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Business Orientation
Business Orientation is an introduction course that examines different aspects of the business world.
Students will form group businesses and will create and promote their own product line and brand, culminating in a "Shark Tank" pitch at the conclusion of the first semester. Topics of discussion include economics, owning and operating a business, production of goods and services, marketing and advertising products, and the management
of financial documents and data. The second semester of the course focuses on consumer behavior and will help prepare students for life after high school.
Prerequisites: None
Semesters: 1 Credits: 1
Course Code: 9002
Grade Levels: 9-12

Marketing 1
This course introduces students to the dynamic world of marketing and the strategies businesses use to promote products and services. Students will learn how to develop and implement marketing plans, conduct market research, and analyze consumer behavior to create effective campaigns. Through hands-on projects, students will design promotional materials, manage social media marketing efforts, and explore how branding influences customer decisions. Topics may include sports marketing, social media marketing, international marketing, and hospitality and tourism marketing. Emphasis is placed on real-world, problem-based learning experiences that allow students to apply marketing principles to practical business challenges. ***Dual Credit: Based on preliminary COD approval, Dual Credit may be available to eligible students. See page 11 for details.***
Prerequisites: Business Orientation
Semesters: 1 Credits: 1
Course Code: 007103
Grade Levels: 10 - 12

Marketing 2
Marketing 2 is a continuation of Marketing 1, and students take concepts and skills from Marketing 1 and apply it to client-based partnerships throughout the course. Marketing 2 incorporates culturally relevant examples, businesses, brands, and marketing campaigns to reflect a variety of cultures in our Bensenville and Wood Dale communities, as well as the perspectives of students and their surroundings. Students will have opportunities to consider how their culture, values, traditions, and community influence consumer behavior and marketing decisions. Students will also be encouraged to bring their own experiences and perspectives into project development. Class expectations will emphasize respect, collaboration, open-mindedness, and the value of different viewpoints, while allowing students to see how effective marketing can be adapted to different audiences and communities. ***Dual Credit: Based on preliminary COD approval, Dual Credit may be available to eligible students. See page 11 for details.***
Prerequisites: Marketing 1
Semesters: 1 Credits: 1
Course Code: 007105
Grade Levels: 10 - 12

Business Incubator
The Business Incubator course offers students in grades 10, 11, and 12 a unique, hands-on learning experience in entrepreneurship. This course allows participants to work in teams to develop and launch their own business ideas. Students will engage in all aspects of starting a business, including ideation, market research, product development, business planning, and marketing strategies. Throughout the year, students are mentored by real-world business professionals and entrepreneurs who provide guidance and insight into their projects. The course culminates in Pitch Week, where student teams present their business plans to a panel of local investors “Sharks,” with the potential to receive funding to launch their real business. ***Dual Credit: Based on preliminary COD approval, Dual Credit may be available to eligible students. See page 11 for details.***
Prerequisites: Business Orientation
Semesters: 2 Credits: 2
Course Code: 1st Semester -7093 2nd Semester -7094
Grade Level: 10-12

Business Accelerator
Business Accelerator is a second-year high school entrepreneurship course designed for student teams that have already developed a business idea, prototype, or received seed funding. It builds on the foundation of Business Incubator and is structured like a startup accelerator. Rather than beginning with ideation only, students in Business Accelerator further develop their ventures, gain market traction, and prepare to scale.
Prerequisites: Business Incubator
Semesters: 2 Credits: 2
Course Code: 1st Semester -9340 2nd Semester -9341
Grade Level: 11-12

Public Speaking & Communications
Oral Communications/Public Speaking is a foundational semester-long elective that introduces students to the principles and practice of effective verbal and nonverbal communication. This course equips students with the confidence and skill to speak clearly, listen actively, and present ideas persuasively in academic, professional, and civic settings. Students will study audience analysis, speech organization, and delivery technique while composing and delivering informative, persuasive, and demonstrative speeches. Through low-stakes practice, peer feedback, and reflective self-review — including recorded practice sessions — students build the vocal control, body language awareness, and composure needed to manage speech anxiety and communicate with impact. This course establishes the presentation and delivery skills necessary for success in advanced coursework.
Prerequisites: None
Semester: 1 Credits: 1
Course Code: 005146
Grade Level: 9-12

AP Statistics
This course introduces students to the science of collecting, analyzing, and making inferences from data. AP Statistics covers four main themes: Theme 1-0rganizing Data: this involves looking for patterns and departures from patterns, organizing data both numerically and graphically and relationships within the data. Theme 2: Producing Data: this involves learning how to design samples and experiments and how to conduct simulations. Theme 3- Probability: this involves the study of randomness, binomial distributions, geometric distributions, and distributions based on samples. Theme 4-Inference: this is of major importance in AP Statistics. Inference involves analyzing data in order to make conclusions with confidence. Students in this course are encouraged to take the Advanced Placement exam. Upon receipt of a satisfactory score, college credit may be given by colleges and universities. It is required that each student have a TI-84+ graphing calculator. ***Dual Credit: Based on preliminary COD approval, Dual Credit may be available to eligible students. See page 11 for details.***
Prerequisites: Completion of Math 3 or teacher recommendation.
Semesters: 2 Credits: 2
Course Code: 1st Semester -5476, 2nd Semester -5477
Grade Level: 10-12

Internship: Business & Finance
This internship offers students an opportunity to gain practical experience in the world of business, finance, marketing, or management by spending 60+ hours at a local business or organization. Students will participate four days a week, observing daily operations, learning from industry professionals, and contributing to real workplace activities. In addition to hands-on experience, students will develop essential professional skills, create a strong resume, and may earn career certifications through weekly in-class instruction. Placements include sites that support Business Administration, Real Estate, Accounting, Marketing, Investment Banking.
Note: Internship enrollment is open to seniors only and may be taken up to two semesters. Students must have good attendance, strong academic and disciplinary records, and be enrolled in related coursework. Reliable attendance is essential for success. Limited school transportation may be available. See Page 116 of the guide for further information.
Prerequisite/Corequisite: Business Incubator, Accounting, Marketing or Investment Management.
Semesters: 1 Credits: 2 (May be taken up to two semesters)
Course Code: WE0006
Grade Level: 12

FINANCE

Recommended Elective Courses

- Business Orientation #
- Accounting 1
- Accounting 2*
- Investment Management*
- AP Macroeconomics*
- AP Microeconomics*
- AP Statistics*
- Internship: Business & Finance





Related Courses for Postsecondary Readiness

- 4th Year Math
- 2-4 Years of World Language
- AP Calculus AB/BC
- Public Speaking & Communications



Related Clubs / Activities

- DECA (Distributive Education Clubs of America)



Future Careers / College Majors

- Financial Analyst
- Accounting / CPA
- Investment Banking
- Financial Planning / Wealth Management
- Economics
- Auditor



Courses marked with an asterisk (*) may offer Early College Credit.
Courses marked with a hashmark (#) are open to incoming freshmen.

Course Descriptions for Finance

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Business Orientation
Business Orientation is an introduction course that examines different aspects of the business world. Students will form group businesses and will create and promote their own product line and brand, culminating in a "Shark Tank" pitch at the conclusion of the first semester. Topics of discussion include economics, owning and operating a business, production of goods and services, marketing and advertising products, and the management of financial documents and data. The second semester of the course focuses on consumer behavior and will help prepare students for life after high school.
Prerequisites: None
Semesters: 1 Credits: 1
Course Code: 9002
Grade Levels: 9-12

Accounting 1
This semester-long course introduces students to the fundamental principles of accounting and the financial cycle of both service and merchandising businesses. Students will learn how to analyze transactions, record journal entries, and prepare essential financial statements such as balance sheets and income statements. Key topics include current and long-term assets, liabilities, payroll, and corporate operations. Hands-on projects and simulations allow students to apply accounting concepts to real-world business situations, building a strong foundation for advanced study in business or finance.
Prerequisites: Business Orientation
Semesters: 1 Credits: 1
Course Code: 7100
Grade Level: 10-12

Accounting 2
This advanced course builds on the foundational concepts from Accounting 1, expanding students' knowledge of financial and managerial accounting practices. Students will explore cost accounting, budgeting, financial analysis, and advanced journalizing and posting techniques. Emphasis is placed on applying accounting concepts to real-world business scenarios through hands-on activities, case studies, and industry-standard software. Students will complete a capstone-style project that simulates professional accounting work, preparing them for college-level business programs or entry-level roles in accounting and finance. ***Dual Credit: Based on preliminary COD approval, Dual Credit may be available to eligible students. See page 11 for details.***
Prerequisites: Accounting 1
Semesters: 1 Credits: 1
College Credit: 3 Credit Hours from COD for ACCOU 1110 w/ passing grade
Course Code: 9342
Grade Level: 10-12

Investment Management
This advanced course explores various investment vehicles utilized by the personal investor including stocks, bonds, real estate, mutual funds and insurance. Investment vehicle descriptions, values and economic complications are surveyed. Application of investment theory and risk analysis associated with investment decisions as it relates to building a hypothetical personal investment portfolio. In addition, students will learn a basic orientation about how businesses raise, distribute, and use financial resources while managing risk. Course content typically involves modeling financial decisions (such as borrowing, selling equity or stock, lending or investing) typically undertaken by businesses. ***Dual Credit: Based on preliminary COD approval, Dual Credit may be available to eligible students.*** ***See page 11 for details.***
Prerequisites: Business Orientation recommended
Semesters: 1 Credits: 1
College Credit: 3 Credit Hours from COD for BUSIN 1120 w/ passing grade
Course Code: 7096
Grade Level: 11-12

AP Macroeconomics
This first semester course examines various methods in which society reacts to developments that occur in our economy and represents an introductory college-level Macroeconomics course. Economic issues that once plagued our economy, such as high unemployment rates, home foreclosures, and our $23 trillion national debt are a few of the many topics of discussion. Students will apply economic theory that is presented in class in an effort to provide solutions to various economic problems that can persist in any given country. Students will have an opportunity to earn college credit by taking an AP examination in the spring, and successful completion of this course will fulfill the Consumer Education graduation requirement.
NOTE: It is recommended that you have either taken Algebra 2 or are taking it concurrently with this course.
Prerequisites: None
Semesters: 1 Credits: 1
Course Code: 1st Semester -2098
Grade Level: 11, 12

AP Microeconomics
AP Microeconomics is a second semester course that examines how individuals (such as consumers and producers) make decisions and how these decisions affect our everyday lives. Topics discussed include the forces of supply and demand, costs of production, consumer choice, behavioral economics, and the role of government. Students who enroll in this course will have the opportunity to earn college credit by taking an AP examination in the spring.
NOTE: It is recommended that you have either taken Algebra 2 or are taking it concurrently with this course.
Prerequisites: AP Macroeconomics
Semesters: 1 Credits: 1
Course Code: 2nd Semester -2097
Grade Level: 11, 12

AP Statistics

This course introduces students to the science of collecting, analyzing, and making inferences from data. AP Statistics covers four main themes: Theme 1-0rganizing Data: this involves looking for patterns and departures from patterns, organizing data both numerically and graphically and relationships within the data. Theme 2: Producing Data: this involves learning how to design samples and experiments and how to conduct simulations. Theme 3- Probability: this involves the study of randomness, binomial distributions, geometric distributions, and distributions based on samples. Theme 4-Inference: this is of major importance in AP Statistics. Inference involves analyzing data in order to make conclusions with confidence. Students in this course are encouraged to take the Advanced Placement exam. Upon receipt of a satisfactory score, college credit may be given by colleges and universities. It is required that each student have a TI-84+ graphing calculator. ***Dual Credit: Based on preliminary COD approval, Dual Credit may be available to eligible students. See page 11 for details.***

Prerequisites: Completion of Math 3 or teacher recommendation.
Semesters: 2 Credits: 2
Course Code: 1st Semester -5476, 2nd Semester -5477
Grade Level: 10-12

Internship: Business & Finance

This internship offers students an opportunity to gain practical experience in the world of business, finance, marketing, or management by spending 60+ hours at a local business or organization. Students will participate four days a week, observing daily operations, learning from industry professionals, and contributing to real workplace activities. In addition to hands-on experience, students will develop essential professional skills, create a strong resume, and may earn career certifications through weekly in-class instruction. Placements include sites that support Business Administration, Real Estate, Accounting, Marketing, Investment Banking.

Note: Internship enrollment is open to seniors only and may be taken up to two semesters. Students must have good attendance, strong academic and disciplinary records, and be enrolled in related coursework. Reliable attendance is essential for success. Limited school transportation may be available. See Page 116 of the guide for further information.

Prerequisite/Corequisite: Business Incubator, Accounting, Marketing or Investment Management.
Semesters: 1 Credits: 2 (May be taken up to two semesters)
Course Code: WE0006
Grade Level: 12

DRAMA & LITERARY ARTS

Recommended Elective Courses

- Acting #
- Theatre #
- Creative Writing
- Public Speaking & Communications
- Internship: Fine & Performing Arts
- TCD - Multimedia & TV Production*



Related Courses for Postsecondary Readiness

- 4th Year Math
- 2-4 Years of World Language



Related Clubs / Activities

- Kaleidoscope
- Fall Play
- Spring Musical
- Signal
- International Thespian Society
- Speech Team
- Group Interpretation
- Contest Drama
- Just Dance
- Film Club
- Highlights
- Fenton Book Club



Future Careers / College Majors

- Actor/ Performer
- Director
- Playwright / Screenwriter
- Stage Manager
- Editor
- Content Writer





Courses marked with an asterisk (*) may offer Early College Credit.
Courses marked with a hashmark (#) are open to incoming freshmen.

Course Descriptions for Drama & Literary Arts

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Theatre
This course is designed to increase a student's knowledge about all aspects of theatre: acting, makeup, costuming, scene design, publicity, theatre history, and play reading.
Students are required to attend current Fenton High School theatre productions.
P**rerequisites: None**
Semesters: 1 Credits: 1
Course Code: 5135
Grade Level: 9 -12

Acting
This activity class teaches the fundamentals of acting: movement, improvisation, pantomime, and ensemble performance. Students will memorize and perform monologues and scenes. Since this is a performance class, student self-discipline is essential. Students are required to attend current Fenton High School theatre productions.
P**rerequisites: None**
Semesters: 1 Credits: 1
Course Code: 5051
Grade Level: 9-12

Creative Writing
Creative Writing is an elective course for students who
wish to express themselves imaginatively in writing. Reading models and keeping a journal furnish sources of ideas for expression; students work with prose forms of description and narration and writing techniques such as the use of images, sensory details, and symbols. Students work independently to complete plays, short stories, and poetry; therefore, student self-discipline is required. Students are encouraged to submit their work to a publication.
Prerequisites: English 2 or Accelerated English 2
Semesters: 1 Credits: 1
Course Code: 5105
Grade Level: 11, 12

Public Speaking & Communications
Oral Communications/Public Speaking is a foundational semester-long elective that introduces students to the principles and practice of effective verbal and nonverbal communication. This course equips students with the confidence and skill to speak clearly, listen actively, and present ideas persuasively in academic, professional, and civic settings. Students will study audience analysis, speech organization, and delivery technique while composing and delivering informative, persuasive, and demonstrative speeches. Through low-stakes practice, peer feedback, and reflective self-review — including recorded practice sessions — students build the vocal control, body language awareness, and composure needed to manage speech anxiety and communicate with impact. This course establishes the presentation and delivery skills necessary for success in advanced coursework.
Prerequisites: None
Semester: 1 Credits: 1
Course Code: 005146
Grade Level: 9-12

Internship: Fine & Performing Arts

Students interested in careers in music, theater, visual arts, or media production will spend 60+ hours working alongside local artists and organizations. This immersive experience allows students to observe, assist, and participate in creative processes while developing technical skills and professional habits. Weekly classroom instruction complements hands-on learning, focusing on career preparation, resume development, and potential certifications. Placements include sites that support TV Production and Graphic Arts.

Note: Internship enrollment is open to seniors only and may be taken up to two semesters. Students must have good attendance, strong academic and disciplinary records, and be enrolled in related coursework. Reliable attendance is essential for success. Limited school transportation may be available. See Page 90 of the guide for further information.

Prerequisite/Corequisite: Band, Choir, Music Production, Acting, 2D Art 2, 3D art 2, Photo 2 or Digital Art
Semesters: 1 Credits: 2 (May be taken up to two semesters)
Course Code: WE0001
Grade Level: 12

TCD - Multimedia & TV Production

This hands-on program immerses students in the world of multimedia and television production—from concept to screen. Students gain experience in scriptwriting, directing, editing, cinematography, lighting, sound recording, and motion graphics while learning the art of visual storytelling. Working in professional studios with industry-standard software and equipment, students develop the creative and technical skills needed for careers in film, television, and digital media. This course is offered at the Technology Center of DuPage (TCD) for three periods daily (Periods 1–3 or 6–8), and transportation is provided. For more information about TCD, see page 117 of the catalog.

Prerequisites: Graphics Communication & Production
Semesters: 2 Credits: 2.5
Course Code: 1st Semester -9445, 2nd Semester -9446
Grade Level: 12

MUSIC

Recommended Elective Courses

- Music Appreciation #
- Music Production #
- High Five Choir #
- Beginning Mariachi #
- Guitar 1 # / Guitar Ensemble
- Piano 1 # / Piano 2
- Chorale # / Treble Choir #
- Concert Choir / Acc. Concert Choir
- Concert Band #/ Symphonic Winds #
- Accelerated Symphonic Winds
- AP Music Theory*
- Fine & Performing Arts - Lab Aide
- Internship: Fine & Performing Arts





Related Courses for Postsecondary Readiness

- 4th Year Math
- 2-4 Years of World Language
- Public Speaking & Communications



Related Clubs / Activities

- Marching Band
- Jazz Band
- Banda Club
- Swing Choir
- Color Guard
- Tri-M Honor Society



Future Careers / College Majors

- Musician/Instrumentalist
- Singer/Vocalist
- Music Education
- Sound Engineering
- Music Production
- Music Business



Courses marked with an asterisk (*) may offer Early College Credit.
Courses marked with a hashmark (#) are open to incoming freshmen.

www.fenton100.org

Course Descriptions for Music

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Music Appreciation
Music shapes and is shaped by our lives. Music Appreciation is a one-semester course that will give students a basic understanding of music and inspire interest in music from a variety of genres and cultures. Through this course, students will learn the fundamentals of creating, enjoying, and listening to music. Students will gain exposure to voice, piano, guitar and percussion, which will allow them to learn about the basics of creating music, including melody, harmony, and rhythm. Students will explore instrumental and vocal timbre and will critique musical performances. Students will also listen to and learn about musical styles including traditional, folk, jazz, opera, popular, and classical music. Through unique online software, students will be able to compose, arrange, and share their own musical ideas. No prior experience with music is necessary to enroll in this course.
Prerequisites: None
Semesters: 1 Credits: 1
Course Code: 2135
Grade Level: 9-12

Music Production
Music Production is a career-focused course designed for students interested in all aspects of music and music production. This includes musical styles like Hip Hop, Rock, Pop, Jazz, and more. Student projects will include but are not be limited to composing music through a variety of mediums for the purposes of creating digital music, which can be used in music videos, video games/ movie soundtracks, promotional materials, etc. Students in this class will also develop skills for digital music making, sound recording, sound reinforcement, and basic music theory.
Prerequisites: None
Semesters: 1 Credits: 1
Course Code: 6355
Grade Level: 9-12

Guitar 1
Guitar is for the beginning guitar student. Activities in this class will include, but are not be limited to: reading and notating guitar music, playing a wide variety of guitar literature, and developing critical listening skills.
Prerequisites: None
Semesters: 1 Credits: 1
Course Code: 1st Semester -6361, 2nd Semester -6362
Grade Level: 9-12

Guitar Ensemble
Guitar Ensemble is for the developing guitar student. Activities in this class will include, but are not limited to: reading and notating music, playing a wide variety of guitar literature, and developing critical listening skills. Students in this class will be expected to perform at two to four performances per semester. Some of these performances may be outside of the school day.
Prerequisites: Guitar or approval of instructor
Semesters: 1 Credits: 1
Course Code: 1st Semester -6376, 2nd Semester -6377
Grade Level: 10-12

Piano 1
Piano 1 is for the beginning piano student. Activities in this class will include, but are not limited to: reading and notating music, playing a wide variety of piano literature, and developing critical listening skills.
Prerequisites: None
Semester: 1 Credit: 1
Course Code: 1st Semester -6391, 2nd Semester -6392
Grade Level: 9-12

Piano 2
Piano 2 is for the developing piano student. Activities in this class will include, but are not limited to: reading and notating music, playing a wide variety of piano literature, and developing critical listening skills.
Prerequisites: Piano 1 or permission of instructor
Semesters: 1 Credits: 1
Course Code: 1st Semester -6401, 2nd Semester -6402
Grade Level: 10-12

High Five Choir
High Five Choir members are students of all abilities that come together through music, building long standing friendships, raising disability awareness and serving as agents of change for our school and community. The High Five Choir will commit themselves to enhancing their music experience through singing, playing various instruments, and movement. This course offers students an opportunity to be actively engaged in adapted musical activities. Students will learn the basics of musicianship, choral literature with an emphasis on one to one instruction. Students' individual needs and personal goals are the main focus of the class. High Five Choir rehearses daily and will perform a minimum of three times throughout the school year. Additional presentations, performances and community outreach programs are always possible.
Prerequisite: None
Semesters: 1 or 2 Credit: 1 or 2
Course Code: 6357
Grade Level: 9-12

Chorale
Chorale is a group designed for the developing vocal musician. Students will learn the basics of musicianship and proper vocal production techniques, while studying a wide variety of choral literature. This group performs in all of the regularly scheduled concerts of the school year. In Chorale, the music materials focus upon easy to moderately difficult multiple part writing for male and female voices.
Prerequisites: None
Semesters: 1 or 2 Credits: 1 or 2
Course Code: 1st Semester -6311, 2nd Semester -6312
Grade Level: 9-12

Treble Choir
Treble Choir is an intermediate level vocal group for treble singers. Students will learn the basics of musicianship and proper vocal production techniques, while studying a wide variety of choral literature. This group performs in all of the regularly scheduled concerts of the school year. In Treble Choir, the music materials focus upon easy to moderately difficult two- and three-part writing for treble voices.
Prerequisites: None
Semesters: 1 or 2 Credits: 1 or 2
Course Code: 1st Semester -6301, 2nd Semester -6302
Grade Level: 9-12

Concert Choir
The Concert Choir is the premiere vocal ensemble at Fenton High School. Students will continue to develop sight-reading skills, ear training skills and vocal production, while studying a wide variety of choral literature. This group performs in all of the regularly scheduled concerts of the school year and additional performances in the community. In Concert Choir, the music materials focus upon moderate to advanced multiple-part writing for male and female voices.
Prerequisites: Previous reason or director approval
Semesters: 1 or 2 Credits: 1 or 2
Course Code: 1st Semester -6321, 2nd Semester -6322
Grade Level: 10-12

Accelerated Concert Choir
Students may take Concert Choir for Accelerated Credit. Students in Accelerated Concert Choir must meet the regular course requirements as well as choose six of the following options:

- Receive private voice lessons
- Provide private lessons to underclassmen or younger vocal student
- Perform a Solo at Solo & Ensemble festival
- Perform a director approved solo during class, at a scheduled performance, or at a special event
- Prepare and perform IMEA audition material for your director as well as audition for IMEA
- Perform in a director approved extra-curricular ensemble outside of school
- Perform in a small ensemble at Solo & Ensemble festival, in class, or at a scheduled concert
- Audition for and participate in an extracurricular school ensemble
- Attend a director approved collegiate or professional performance and write a critique.
- Write a research paper about one of the selections that you performed as a solo work or small ensemble
- Write a research paper about your instrument/voice
- Choose a famous artist that performs your part or instrument and write a report on them as well as critique some of their recordings

Prerequisites: One year of participation in a performing ensemble or teacher recommendation and audition
Semesters: 2 Credits: 2
Course Code: 1st Semester -6323, 2nd Semester -6324
Grade Level: 10-12

Beginning Mariachi
Beginning Mariachi is open to all Fenton students who want to learn how to play culturally relevant music from the Latinx culture. Students will learn how to play a Mariachi instrument. They will apply these skills to a variety of traditional Mariachi literature as well as other songs and genres from the Latinx heritage. Activities for this class will include, but not be limited to rhythmic, tone quality, music literacy, technique, and expressive skill development. Students in this ensemble will be expected to attend recitals for their families during the school day and hopefully, perform at a concert at either the end of the semester or school year.

The Mariachi course is offered for the purpose of allowing students to perform in an ensemble which has a membership that specializes in performing beginning level Mariachi ensemble literature. This course may be repeated for credit.
Prerequisite: None
Semesters: 1 Credit: 1 or 2
Course Code: 1st Semester -9447, 2nd Semester -9448
Grade Level: 9-12

Concert Band
Concert Band is open to all Fenton students with a minimum of two years prior instrumental experience or director approval. Activities for this class will include, but are not be limited to: scales, chorales, tone production, challenging literature, critical listening, and music analysis. Students can expect to perform at all Fenton Band concerts and Pep Band games. Students in this ensemble will be expected to attend rehearsals and performances outside of the school day. Students in Concert Band may choose to be members of the marching band. Should they choose to be a member of the marching band, they will need to attend a band camp prior to the beginning of the year and attend rehearsals and performances outside of the school day. This class will be scheduled concurrently with a lunch period to provide flexibility to meet the various needs of combined class rehearsals. Students may take concert for accelerated credit (Grades 10-12 only).
Prerequisites: Selection based upon proficiency, audition, or teacher approval.
Semesters: 2 Credits: 2
Course Code: 1st Semester -6331, 2nd Semester -6332
Grade Level: 9-12

Symphonic Wind Ensemble
Symphonic Wind Ensemble is the premiere instrumental ensemble at Fenton High School. Activities in this class will include, but are not be limited to: scales, chorales, advanced rehearsal techniques, tone production, critical listening, and music analysis. This ensemble rehearses and performs advanced band literature. Students can expect to perform at all Fenton Band concerts and Pep Band games. Students in Symphonic Wind Ensemble may choose to be members of the marching band. Should they choose to be a member of the marching band, they will need to attend a band camp prior to the beginning of the year and attend rehearsals outside of the school day. This class will be scheduled concurrently with a lunch period to provide flexibility to meet the various needs of combined class rehearsals. This class may also be taken for Accelerated credit (10-12 graders only).
Prerequisites: Selection base upon proficiency, audition, or teacher approval
Semesters: 2 Credits: 2
Course Code: 1st Semester -6341, 2nd Semester -6342
Grade Level: 9-12

Accelerated Symphonic Wind Ensemble/Concert Band
Students may take Symphonic Wind Ensemble or Concert Band-for Accelerated credit. Students in Accelerated Symphonic Wind Ensemble/Concert Band must meet the regular course requirements as well as choose six of the following options:

- Receive private lessons on your instrument.
- Provide private lessons to underclassmen or younger band students.
- Perform a Solo at Solo & Ensemble festival.
- Perform a director approved solo during class, at a scheduled performance, or at a special event.
- Prepare and perform IMEA audition material for your director as well as audition for IMEA.
- Perform in a director approved extra- curricular ensemble outside of school.
- Perform in a small ensemble at Solo & Ensemble festival, in class, or at a scheduled con- cert.
- Audition for and participate in an extracurricular school ensemble.
- Attend a director approved collegiate or professional performance and write a critique.
- Write a research paper about one of the selections that you performed as a solo work or small ensemble.
- Write a research paper on your instrument.
- Choose a famous artist that performs your instrument and write a report on them as well as critique some of their recordings.
- Participate in Marching Band.

Prerequisites: One year of participation in a performing ensemble or teacher recommendation and audition
Semesters: 2 Credits: 2
Course Code: 1st Semester -6355, 2nd Semester -6356
Grade Level: 10-12

Advanced Placement Music Theory
AP Music Theory is a full year course that is equivalent to that of an entry level college course in music theory. This course is for students who wish to pursue an in-depth study of melody, harmony, texture, rhythm, form, musical analysis, composition, and to some extent, history and style. Musicianship skills such as dictation and other listening skills, sight-reading or sight- singing, and keyboard harmony are considered elements of the course, as is the acquisition of advanced music terminology. Enrollment in this course assumes at least a basic to intermediate skill level related to reading and writing musical notation as well as performance skills in either vocal or instrumental production. This class would prepare students for the AP Music Theory test in May.
Prerequisites: One semester of high school choir, band, guitar, piano, or teacher approval.
Semesters: 2 Credits: 2
Course Code: 1st Semester -2115, 2nd Semester -2116
Grade Level: 10-12

Fine & Performing Arts - Lab Aide
The student will assist the teacher in the lab by helping other students learn the proper use of equipment and procedures. He/she may choose to work in the area of Applied Technology, Fine Arts, Culinary, or other CTE (Career Technical Education) areas. Through assisting other students, lab assistants will enhance their interpersonal mentoring skills. A student seeking credits as a Lab Assistant must submit a completed lab contract and have approval from the Division Leaders of the appropriate department.
Prerequisite/Corequisite: Division Leader Approval
Semesters: 1 Credits: 1
Course Code: LA003
Grade Level: 11,12

Internship: Fine & Performing Arts
Students interested in careers in music, theater, visual arts, or media production will spend 60+ hours working alongside local artists and organizations. This immersive experience allows students to observe, assist, and participate in creative processes while developing technical skills and professional habits. Weekly classroom instruction complements hands-on learning, focusing on career preparation, resume development, and potential certifications. Placements include sites that support TV Production and Graphic Arts.
Note: Internship enrollment is open to seniors only and may be taken up to two semesters. Students must have good attendance, strong academic and disciplinary records, and be enrolled in related coursework. Reliable attendance is essential for success. Limited school transportation may be available. See Page 116 of the guide for further information.
Prerequisite/Corequisite: Band, Choir, Music Production, Acting, 2D Art 2, 3D art 2, Photo 2 or Digital Art
Semesters: 1 Credits: 2 (May be taken up to two semesters)
Course Code: WE0001
Grade Level: 12

STUDIO ART

Recommended Elective Courses

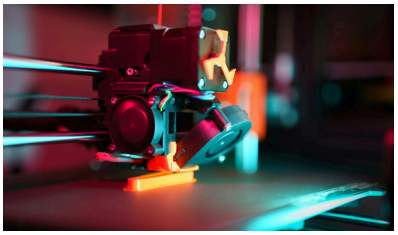
- 2D Art 1 #
- 2D Art 2
- AP 2D Art*
- 3D Art 1 #
- 3D Art 2
- AP 3D Art*
- Photo 1 #
- Photo 2
- AP 2D Art Photo*
- Digital Art 1 #
- Fine & Performing Art - Lab Aide
- Internship: Fine & Performing Arts





Related Courses for Postsecondary Readiness

- 4th Year Math
- 2-4 Years of World Language
- Public Speaking & Communications



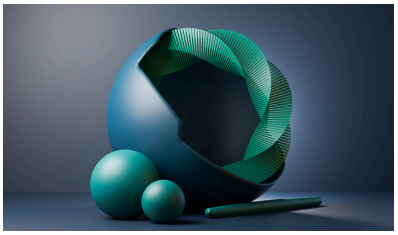
Related Clubs / Activities

- Image Makers
- Makerspace



Future Careers / College Majors

- Book Illustrator
- Web Designer
- Product Designer
- Art Education
- Commercial Photographer
- Animator



Courses marked with an asterisk (*) may offer Early College Credit.
Courses marked with a hashmark (#) are open to incoming freshmen.

Course Descriptions for Studio Art

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bray@fenton100.org
630-860-4784

2D Art 1 (Cartooning, Digital, Drawing, Painting)
2D Art 1 is for the emerging artist wanting to learn how to render details, draw from observation, create cartoon characters and paint naturally. Personalized experimentation of a subject matter is explored. Media variety includes pencil, charcoal, marker, oil pastels, acrylic paint and/or watercolor. Multiple themes and styles will be covered and students will leave this class speaking the language of art. Students who enjoy working in 2D Art 1 can continue on in 2D Art 2.
Prerequisites: None
Semester: 1 Credit: 1
Course Code: 2125
Grade Level: 9-12

2D Art 2 (Cartooning, Digital, Drawing, Painting)
2D Art 2 focuses on drawing, cartooning and painting from direct observation and from memory, rendering two dimensional images while reinforcing expressive color qualities within the art piece. A personal interpretation of portraits, cartoon characters, figure, landscape, design and still life are goals of this course. Media variety includes oil pastels, Prisma color pencils, markers, charcoal, pastels, acrylic, oil paint and/or watercolors. This course focuses on developing an advanced sense of using color for expressive qualities while developing personal interpretation of a subject matter. Students who enjoy working in 2D can continue in AP 2D Art.
Prerequisites: Studio Art: 2-D Design 1, Painting 1, or Drawing 1, 2D Art 1 or teacher approval
Semester: 1 Credit: 1
Course Code: 2126
Grade Level: 9-12

AP 2D Art (Cartooning, Digital, Drawing, Painting)
This 2 semester course is the third level for Drawing, Painting, Cartooning and Digital Art. AP 2D Art is designed to prepare students with a professional portfolio used for entrance into a college art program. The course emphasizes independent thematic work in the artist's choice of two dimensional media. Students enrolled in this course submit their portfolio to the College Board instead of taking an Advanced Placement Exam. All students will prepare a personal artist's statement to be included with their portfolio presentation in the FHS AP Art Show. Students may take this course two times.
Prerequisites: 2D Art 1, 2D Art 2, Painting, Drawing, Cartooning or teacher approval
Semester: 2 Credit: 2
Course Code: 1st Semester -2129, 2nd Semester -2130
Grade Level: 10-12

3D Art 1 (Ceramics, Jewelry, Sculpture)
3D Art 1 is for the emerging artist wanting to explore clay, metal, plaster, wire, wood, mosaics and/or mixed media as a means of artistic expression. Original fine and functional art will be designed, created, and evaluated by students. Students will develop a portfolio to showcase their accomplishments and have the opportunity of entering the FHS Digital Art Fest. Students who enjoy 3D 1 can continue on in 3D 2.
Prerequisites: None
Semester: 1 Credits: 1
Course Code: 2127
Grade Level: 9-12

3D Art 2 (Ceramics, Jewelry, Sculpture)
3D Art 2 is for the artist who has mastered the fundamental techniques of 3D Art 1 (or the formerly offered Ceramics 1, Jewelry 1, or Sculpture 1). This course continues to build artists' expertise using three dimensional art as a means of expression. Students will have the choice of creating original works using media such as clay, the potter's wheel, enameling, metal, glass, plaster, wire, wood, mosaics and/or mixed media. Students will continue to develop their portfolio to showcase and have the opportunity of entering the FHS Digital Art Fest. Students who enjoy 3D 2 can continue on in AP 3D Art.
Prerequisites: 3D Art 1 or teacher approval
Semester: 1 Credits: 1
Course Code: 2128
Grade Level: 9-12

AP 3D Art (Ceramics, Jewelry, Sculpture)
This 2 semester course is the third level for 3D Art and will prepare art students with a professional portfolio used for entrance into a college art program. The course emphasizes independent thematic work in the artist's choice of three dimensional media used in 3D Art 1 and 2. Students enrolled in this course submit their portfolio to the College Board instead of taking an Advanced Placement Exam. All students will prepare a personal artist's statement to be included with their portfolio presentation in the FHS AP Art Show.
Students may take this course multiple times.
Prerequisites: 3D Art 2 or teacher approval
Semesters: 2 Credits: 2
Course Code: 1st Semester 2133, 2nd Semester 2134
Grade Level: 10-12

Photo 1
Photo 1 offers students the opportunity to create digital photography and computer art. Students will master the foundations of the digital camera, composition, visual literacy, and the digital darkroom tools/techniques. Bridge cameras will be available for students to borrow. Students will develop a portfolio to showcase their accomplishments and have the opportunity of entering the FHS Digital Art Fest. Students who enjoy Photo 1 can continue on in Photo 2.
Prerequisites: None
Semester: 1 Credits: 1
Course Code: 7755
Grade Level: 9-12

Photo 2
Photo 2 builds upon Photo 1, taking students to an advanced level of creating photographic compositions and computer art. Students taking this class will master manual settings of their digital cameras and advanced tools/techniques of Photoshop. Fine art, advertising, and stop motion animation will be explored. Students will choose an area of concentration, develop a portfolio, and have the opportunity of entering the FHS Digital Art Fest. Bridge cameras will be available for students to borrow. Students in Photo 2 can move on in AP 2D Art Photo.
P**rerequisites: Photo 1 or teacher approval**
Semester: 1 Credits: 1
Course Code: 7737
Grade Level: 9-12

AP 2D Art Photo
This 2 semester course is the third level for Photo and is designed for students to learn critical decision making skills. This course will prepare students with a professional portfolio used for entrance into a college art program. The course emphasizes independent thematic work in the artist's choice of photography (digital and/or film), computer art, or mixed media. SLR cameras, along with 35mm film cameras, will be available to borrow. Traditional darkroom skills will be explored. Students enrolled in this course submit their portfolio to the College Board instead of taking an Advanced Placement Exam. All students will prepare a personal artist's statement to be included with their portfolio presentation in the FHS AP Art Show. Students may take this course two times.
Prerequisites: Photo 1 & Photo 2 or teacher approval
Semester: 2 Credits: 2
Course Code: 1st Semester -2133, 2nd Semester -2134
Grade Level: 10-12

Digital Art 1
Digital Art 1 is an introductory course that explores a wide range of digital media art processes, including illustration, animation, video, graphic arts, and interactive media. Students will learn to use the computer as an artistic tool while developing skills in visual art creation, image manipulation, editing, and visual storytelling. Working with industry-standard software and equipment such as Adobe Photoshop, Illustrator, Premiere, and Procreate, students will create original digital artwork while building a strong foundation in design principles and techniques. This course is ideal for students interested in pursuing digital art, graphic art, animation, or related creative fields. No prior experience is necessary.
Prerequisites: None
Semester: 1 Credits: 1
Course Code: 9450
Grade Level: 9-12

Fine & Performing Arts - Lab Aide
The student will assist the teacher in the lab by helping other students learn the proper use of equipment and procedures. He/she may choose to work in the area of Applied Technology, Fine Arts, Culinary, or other CTE (Career Technical Education) areas. Through assisting other students, lab assistants will enhance their interpersonal mentoring skills. A student seeking credits as a Lab Assistant must submit a completed lab contract and have approval from the Division Leaders of the appropriate department.
Prerequisite/Corequisite: Division Leader Approval
Semesters: 1 Credits: 1
Course Code: LA003
Grade Level: 11, 12

Internship: Fine & Performing Arts
Students interested in careers in music, theater, visual arts, or media production will spend 60+ hours working alongside local artists and organizations. This immersive experience allows students to observe, assist, and participate in creative processes while developing technical skills and professional habits. Weekly classroom instruction complements hands-on learning, focusing on career preparation, resume development, and potential certifications. Placements include sites that support TV Production and Graphic Arts.
Note: Internship enrollment is open to seniors only and may be taken up to two semesters. Students must have good attendance, strong academic and disciplinary records, and be enrolled in related coursework. Reliable attendance is essential for success. Limited school transportation may be available. See Page 90 of the guide for further information.
Prerequisite/Corequisite: Band, Choir, Music Production, Acting, 2D Art 2, 3D art 2, Photo 2 or Digital Art
Semesters: 1 Credits: 2 (May be taken up to two semesters)
Course Code: WE0001
Grade Level: 12

FITNESS & WELLNESS

Recommended Elective Courses

- Fitness & Nutrition
- Strength & Conditioning
- Team Sports
- Student Leader
- Internship: Health Sciences



Related Courses for Postsecondary Readiness

- 4th Year Math
- 2-4 Years of World Language
- Public Speaking & Communications
- AP Biology*
- AP Statistics*



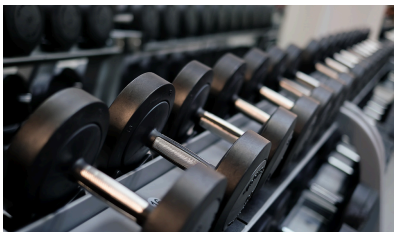
Related Clubs / Activities

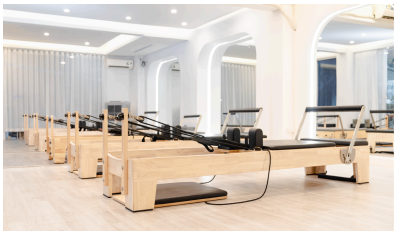
- Future Health Care Professionals
- Just Dance



Future Careers / College Majors

- Personal Trainer / Fitness Coach
- Nutritionist / Dietitian
- Wellness Coach
- Physical Therapist
- Rehabilitation Specialist
- Public Health





Courses marked with an asterisk (*) may offer Early College Credit.
Courses marked with a hashmark (#) are open to incoming freshmen.

Course Descriptions for Fitness & Wellness

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630-860-6262

Fitness and Nutrition
Fitness and Nutrition is a course that combines fitness activities and a food lab experience. Fitness and Nutrition emphasizes a healthy lifestyle with a variety of specific course topics and activities, and developing and preparing tasty, healthy foods. Students will be exposed to sport as well as fitness activities through circuit training, weight training, cardiovascular endurance training, and discussions regarding anabolic steroid abuse prevention. Students will earn a Physical Education credit for this course, and the course is offered as a semester or year-long, and may be repeated.
Prerequisite: Successful Completion of Physiology of Exercise 9
Semesters: 1 or 2 Credits: 1 or 2
Course Code: 1st Semester -8073, 2nd Semester -8074
Grade Level: 11, 12

Strength and Conditioning
The Strength and Conditioning class offers students an opportunity to gain knowledge, skills and techniques, while developing a workout program. Topics of discussion include: anatomical adaptation, hypertrophy, maximum strength, transition phase, muscle breakdown and recovery, nutrition and muscle growth, the proper use of nutritional supplements, and anabolic steroid abuse prevention. Students will also be taught muscle anatomy, principles and theories of muscle hypertrophy and weight lifting, and avoiding and dealing with muscle soreness. As students participate in this course they will actively use weight lifting equipment and will be taught proper usage and safety procedures used in weight training.
Prerequisite: Successful Completion of Physiology of Exercise 9
Semesters: 1 or 2 Credits: 1 or 2
Course Code: 1st Semester -8071, 2nd Semester -8072
Grade Level: 11, 12

Team Sports
Students enrolled in Team Sports will further their understanding of foundational skills in a variety of physical education activities. Students will continue to learn and apply health and skill related components of fitness. The topics and activities in this course will include units in fitness, lifetime activities, team sports, and anabolic steroid abuse prevention. Example activities may include badminton, backyard games, basketball, fitness testing, floor hockey, small group fitness, soccer, tchoukball, ultimate frisbee, volleyball, weight training, and yoga.
Prerequisite: Successful Completion of Physiology of Exercise 9
Semesters: 1 or 2 Credits: 1 or 2
Course Code: 1st Semester -8051, 2nd Semester -8052
Grade Level: 11, 12

Student Leader
Student Leaders enrolled in Team Sports will support and assist fellow students in their understanding of foundational skills in a variety of physical education activities. Students will continue to learn and apply health and skill related components of fitness. The topics and activities in this course will include units in fitness, lifetime activities, team sports, and anabolic steroid abuse prevention. Example activities may include badminton, backyard games, basketball, fitness testing, floor hockey, small group fitness, soccer, tchoukball, ultimate frisbee, volleyball, weight training, and yoga.
Prerequisite: Physiology of Exercise 9
Semesters: 1 or 2 Credits: 1 or 2
Course Code: 1st Semester -8087, 2nd Semester -8088
Grade Level: 11, 12

Internship: Health Sciences

Designed for students pursuing health care careers, this internship provides 60+ hours of real-world experience in clinics, medical offices, or health organizations. Students will observe health NGcare professionals, assist with daily operations, and learn critical workplace skills. The program also includes in-class instruction to build professional competencies, develop a resume, and prepare for certifications relevant to the health sciences field. Placements include sites that support dentistry, personal training, nursing, physical therapy, paramedics, and pharmacy.

Note: Internship enrollment is open to seniors only and may be taken up to two semesters. Students must have good attendance, strong academic and disciplinary records, and be enrolled in related coursework. Reliable attendance is essential for success. Limited school transportation may be available. See Page 116 of the guide for further information.

Prerequisite/Corequisite: Health Care Occupations, Fitness & Nutrition, Biology 2, AP Biology or AP Psychology

Semesters: 1 Credits: 2 (May be taken up to two semesters)

Course Code: WE0010

Grade Level: 12

HEALTH CARE OCCUPATIONS

Recommended Elective Courses

- Health Care Occupations* #
- AP Psychology*
- AP Biology* or Biology 2
- AP Chemistry*
- Internship: Health Sciences
- TCD Certified Nursing Assistant (CNA)*
- TCD EMT (Emergency Medical Technician)*
- TCD Medical Assisting
- TCD Medical Terminology & Health Care Careers*





Related Courses for Postsecondary Readiness

- 4th Year Math
- 2-4 Years of World Language
- Public Speaking & Communications
- AP Statistics*



Related Clubs / Activities

- Future Health Care Professionals



Future Careers / College Majors

- Personal Trainer / Fitness Coach
- Nutritionist / Dietitian
- Wellness Coach
- Physical Therapist
- Rehabilitation Specialist
- Speech Pathologist



Courses marked with an asterisk (*) may offer Early College Credit.
Courses marked with a hashmark (#) are open to incoming freshmen.

Course Descriptions for Health Care Occupations

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630-860-4813
Kelly Kasmar, Division Leader for Math & Science
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630-860-4816

Health Care Occupations

This introductory course in the Health Sciences & Technology Program of Study provides an overview of the careers available in health care. Emphasis is on communication skills, job qualifications, educational requirements, and career opportunities for the numerous Health Care professions. Topics covered usually include, but are not limited to, an overview of health care delivery and patient care, including personal characteristics of health care professionals, medical ethics and laws, vital signs, and first aid and CPR procedures. Basic anatomy and physiology will be studied to provide a preliminary background for the terminology needed to proceed to future education and medical careers. Resources include speakers and field trips emphasizing health and medical careers. ***Dual Credit: Based on preliminary COD approval, Dual Credit may be available to eligible students. See page 11 for details.***

Prerequisite: None
Semesters: 1 Credits: 1
Course Code: 2136
Grade Levels: 9-12

AP Psychology

Advanced Placement Psychology is designed to prepare students for the AP Psychology exam, which covers an introduction to the scientific and systematic study of behavior. Students are exposed to the psychological facts, principles, and phenomena associated with the major subfields within psychology. Students will also learn about the methodology utilized by psychologists in their practice including the research methods and the APA writing format. In this way, students will continue to develop their critical thinking as well as their reading and writing skills to help them succeed in college. The class will build on the foundations laid during the second semester of Introduction to the Social Sciences.

Prerequisites: Junior or senior standing and recommendation from one social studies teacher, 2-4 Years of social studies.
Semesters: 2 Credits: 2
Course Code: 1st Semester -2105, 2nd Semester -2106
Grade Level: 11,12

AP Biology

Advanced Placement Biology is designed to be the equivalent of a college introductory course, usually taken by biology majors during their first year. Because of the rigor of this course, it is expected that students will possess a high level of motivation and a sound knowledge of chemistry. Students should expect to spend approximately 4 hours per week outside of class working on reading guides, free response questions, lab reports, projects, and video notes. There is a summer assignment to review basic chemistry concepts and refresh math and graphing skills that will be due the first week of school. Topics studied in this course include biochemistry, ecology, cell biology, metabolism, photosynthesis, cell respiration, Mendelian & molecular genetics, biotechnology, evolution, and homeostasis. Students in AP Biology will prepare to take the AP Exam given in May. Students may earn college credit if they earn a passing score on the AP Exam. A or B grade in Chemistry recommended. ***Dual Credit: Based on preliminary COD approval, Dual Credit may be available to eligible students. See page 11 for details.***

Prerequisites: Successful completion of Biology and Chemistry
Semesters: 2 Credits: 2
Course Code: 1st Semester -2083, 2nd Semester -2084
Grade Level: 11,12

Biology 2

Biology 2 is a full-year, sequential course, and is intended for students who want to pursue a science-related career or who are preparing to attend a four-year college. In addition to reviewing and extending the depth of the topics presented in Biology, Biology 2 will place an added emphasis on content typically encountered during a first-year college biology course. The content of the course will include cellular biology, exploring current biotechnology processes, zoology, and human anatomy and physiology. A continued emphasis will be made on the development of laboratory skills, with hands-on activities and discovery learning, following the scientific method as a key focus in the activities.

Prerequisites: Two years required science coursework.
Semesters: 2 Credits: 2
Course Code: 1st Semester -5683, 2nd Semester -5684
Grade Level: 11,12

AP Chemistry

Advanced Placement Chemistry is designed to be the equivalent of a college introductory course usually taken by chemistry majors during their first year. AP Chemistry differs from a typical high school course with respect to the time and effort required outside of class as well as the laboratory work done by students. Course content will emphasize topics in inorganic chemistry, such as understanding trends in the periodic table and shapes of molecules and properties of molecules as well as thermodynamics and rates of chemical reactions, chemical equilibrium, acids and bases and electrochemistry. Students who earn a successful score on the Advanced Placement exam given in May, may earn college credit.

Prerequisites: Successful completion of Chemistry and Math 2
Semesters: 2 Credits: 2
Course Code: 1st Semester- 2081, 2nd Semester - 2082
Grade Level: 11,12

Internship: Health Sciences

Designed for students pursuing health care careers, this internship provides 60+ hours of real-world experience in clinics, medical offices, or health organizations. Students will observe health care professionals, assist with daily operations, and learn critical workplace skills. The program also includes in-class instruction to build professional competencies, develop a resume, and prepare for certifications relevant to the health sciences field. Placements include sites that support dentistry, personal training, nursing, physical therapy, paramedics, and pharmacy.

Note: Internship enrollment is open to seniors only and may be taken up to two semesters. Students must have good attendance, strong academic and disciplinary records, and be enrolled in related coursework. Reliable attendance is essential for success. Limited school transportation may be available. See Page 116 of the guide for further information.

Prerequisite/Corequisite: Health Care Occupations, Fitness & Nutrition, Biology 2, AP Biology or AP Psychology
Semesters: 1 Credits: 2 (May be taken up to two semesters)
Course Code: WE0010
Grade Level: 12

TCD - Certified Nursing Assistant (CNA)
This hands-on program immerses students in the world of patient care and clinical support. Students gain experience in vital signs, infection control, basic nursing procedures, patient mobility, and communication with health care professionals while learning the fundamentals of compassionate, patient-centered care. Working in clinical labs and health care settings, students develop the practical and interpersonal skills needed for careers as certified nursing assistants and other entry-level health care roles. This course is offered at the Technology Center of DuPage (TCD) for three periods daily (Periods 1–3 or 6–8), and transportation is provided. For more information about TCD, see page 117 of the catalog.
Prerequisites: Health Care Occupations
Semesters: 2 Credits: 2.5
Course Code: Semester 1 -9460, Semester 2 -9461
Grade Level: 12

TCD - Medical Assisting
This hands-on program immerses students in the world of clinical and administrative medical assisting. Students gain experience in patient intake, vital signs, laboratory procedures, medical office management, and electronic health records while learning the skills necessary to support health care providers and patients. Working in clinical labs and simulated medical offices, students develop the practical and technical skills needed for careers as medical assistants and other health care support roles. This course is offered at the Technology Center of DuPage (TCD) for three periods daily (Periods 1–3 or 6–8), and transportation is provided. For more information about TCD, see page 117 of the catalog.
Prerequisites: Health Care Occupations
Semesters: 2 Credits: 2.5
Course Code: Semester 1 -9450, Semester 2 -9451
Grade Level: 12

TCD - Emergency Medical Technician (EMT)
This hands-on program immerses students in the world of emergency medical care and pre-hospital response. Students gain experience in patient assessment, CPR, first aid, trauma response, and emergency procedures while learning the skills necessary to respond effectively in urgent medical situations. Working in simulation labs and community-based settings, students develop the critical and technical skills needed for careers as emergency medical technicians and first responders. This course is offered at the Technology Center of DuPage (TCD) for three periods daily (Periods 1–3 or 6–8), and transportation is provided. For more information about TCD, see page 117 of the catalog.
Prerequisites: Health Care Occupations
Semesters: 2 Credits: 2.5
Course Code: Semester 1 -9600, Semester 2 -9601
Grade Level: 12

TCD - Introduction to Medical Professions
This hands-on program immerses students in the world of health care systems and medical language. Students gain experience in medical terminology, anatomy and physiology, health care documentation, and career exploration while learning the skills necessary to communicate effectively in clinical settings. Working in classroom and lab environments, students develop the foundational knowledge and professional skills needed for a variety of health care careers. This course is offered at the Technology Center of DuPage (TCD) for three periods daily (Periods 1–3 or 6–8), and transportation is provided. For more information about TCD, see page 117 of the catalog.
Prerequisites: AP Biology or Biology 2 (Can be taken Concurrently)
Semesters: 2 Credits: 2.5
Course Code: Semester 1 -9452, Semester 2 -9453
Grade Level: 12

COSMETOLOGY

Recommended Elective Courses

- TCD Cosmetology Phase 1*
- TCD Cosmetology Phase 2*



Related Courses for Postsecondary Readiness

- 4th Year Math
- 2-4 Years of World Language
- Public Speaking & Communications



Related Clubs / Activities

- Skills USA (Offered through TCD)



Future Careers / College Majors

- Hairstylist / Hair Colorist
- Esthetician / Skin Care Specialist
- Makeup Artist
- Nail Technician
- Barber
- Salon or Spa Owner/Manager





Courses marked with an asterisk (*) may offer Early College Credit.
Courses marked with a hashmark (#) are open to incoming freshmen.

Course Descriptions for Cosmetology

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TCD - Cosmetology Phase 1

This hands-on program immerses students in the fundamentals of cosmetology and personal care. Students gain experience in hair cutting, styling, coloring, chemical treatments, nail care, and skin care while learning the techniques and safety standards used in professional salons. Working in cosmetology labs with industry-standard tools and products, students develop the creative and technical skills needed for careers in hair, nail, and skincare services. This course is offered at the Technology Center of DuPage (TCD) for three periods daily (Periods 1–3 or 6–8), and transportation is provided. For more information about TCD, see page 117 of the catalog.

Prerequisites: None
Semesters: 2 Credits: 2.5
Course Code: Semester 1 -9494, Semester 2 -9495
Grade Level: 11

TCD - Cosmetology Phase 2

This hands-on program immerses students in advanced cosmetology techniques and salon management. Students gain experience in precision cutting, advanced coloring, chemical texturing, nail art, skincare treatments, and client consultation while learning professional standards for running a successful salon business. Working in cosmetology labs with industry-standard tools and products, students develop the creative, technical, and professional skills needed for careers in cosmetology and personal care services. This course is offered at the Technology Center of DuPage (TCD) for three periods daily (Periods 1–3 or 6–8), and transportation is provided. For more information about TCD, see page 117 of the catalog.

Prerequisites: None
Semesters: 2 Credits: 2.5
Course Code: Semester 1 - 9496, Semester 2 -9497
Grade Level: 12

CULINARY

Recommended Elective Courses

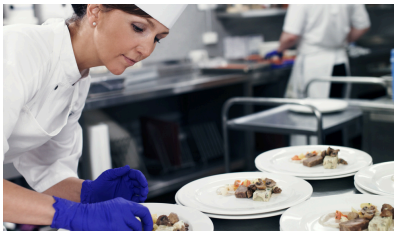
- Culinary 1#
- Culinary 2
- Food Prepration & Health Management
- Culinary - Lab Aide
- Internship: Human & Public Services
- TCD - Professional Cooking, Baking and Service*





Related Courses for Postsecondary Readiness

- 4th Year Math
- 2-4 Years of World Language
- Public Speaking & Communications



Related Clubs / Activities

- Skills USA (Offered through TCD)

Future Careers or College Majors

- Chef
- Baker
- Food Stylist
- Restaurant Manager
- Catering Manager
- Sommelier





Courses marked with an asterisk (*) may offer Early College Credit.
Courses marked with a hashmark (#) are open to incoming freshmen.

www.fenton100.org

Course Descriptions for Culinary

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630-860-4813

Culinary 1
This course includes classroom and laboratory experiences needed to develop a knowledge and understanding of culinary principles and nutrition. Course content encompasses food service and preparation management using the decision-making process; meeting basic needs by applying nutrition concepts; meeting health, safety, and sanitation requirements; maximizing resources when planning/preparing/preserving/ serving food; applying hospitality skills; analyzing nutritional needs in relation to change; and careers in nutrition and culinary arts, including entrepreneurship investigation.
Prerequisites: None
Semesters: 1 Credits: 1
Course Code: 7320
Grade Levels: 9-12

Culinary 2
Nutrition and Culinary Arts 2 provides principles of application into the hospitality industry, including nutrition, culinary, and entrepreneurial opportunities. Course content includes the following; selection, purchase, preparation, and conservation of food, dietary needs and trends, regional & International cuisine, safety and sanitation, and careers in food service industries. All of these concepts can be interpreted through laboratory experiences.
Prerequisites: Culinary 1
Semesters: 2 Credits: 2
Course Code: 1st Semester- 7321, 2nd Semester - 7322
Grade Levels: 10-12

Food Preparation & Health Management
This course provides students with an understanding of food's role in society, instruction in how to plan and prepare meals, and information about the nutritional and health benefits of minimizing process and prepared food and prepacked/prepared meals from one's diet. This course not only builds on the basic skills of food preparation but also addresses financial consideration and recipe conversion to make foods healthier. This course places emphasis on a balanced diet, covering current issues such as organic foods.
Prerequisites: Culinary 1
Semesters: 1 Credits: 1
Course Code: 7318
Grade Levels: 11,12

Culinary - Lab Aide
The student will assist the teacher in the lab by helping other students learn the proper use of equipment and procedures. He/she may choose to work in the area of Applied Technology, Fine Arts, Culinary, or other CTE (Career Technical Education) areas. Through assisting other students, lab assistants will enhance their interpersonal mentoring skills. A student seeking credits as a Lab Assistant must submit a completed lab contract and have approval from the Division Leaders of the appropriate department.
Prerequisites: Division Leader Approval
Semesters: 1 Credits: 1
Course Code: LA006
Grade Levels: 11,12

Internship: Human Services
This internship enables students to explore careers in education, social services, law enforcement, government, or culinary arts by spending 60+ hours in local agencies or organizations. Students will gain hands-on experience by supporting daily operations, learning from professionals, and developing career readiness skills. Classroom instruction further enhances learning by focusing on resume building, professional development, and certification opportunities. Placements include sites that support Law, Fire Science, Aesthetician, Mortician, Special Recreation, Chef, Teacher.
Note: Internship enrollment is open to seniors only and may be taken up to two semesters. Students must have good attendance, strong academic and disciplinary records, and be enrolled in related coursework. Reliable attendance is essential for success. Limited school transportation may be available. See Page 116 of the guide for further information.
Prerequisite/Corequisite: Teaching Internship, Criminal Justice, AP Psychology, Latino Studies or Culinary 2
Semesters: 1 Credits: 2 (May be taken up to two semesters)
Course Code: WE0015
Grade Level: 12

TCD - Professional Cooking, Baking & Service (ProCBS)
This hands-on program immerses students in the world of culinary arts, baking, and professional food service. Students gain experience in cooking techniques, pastry and dessert preparation, kitchen safety, menu planning, and customer service while learning the skills necessary to succeed in a professional culinary environment. Working in commercial kitchens and bakery labs with industry-standard tools and equipment, students develop the creative, technical, and professional skills needed for careers in restaurants, bakeries, catering, and hospitality. This course is offered at the Technology Center of DuPage (TCD) for three periods daily (Periods 1–3 or 6–8), and transportation is provided. For more information about TCD, see page 117 of the catalog.
Prerequisites: Culinary 1
Semesters: 2 Credits: 2.5
Course Code: Semester 1 -9502, Semester 2 -9503
Grade Level: 12

EDUCATION & TRAINING

Recommended Elective Courses

- Child Development & Parenting
- Early Childhood & Elementary Education*
- Teaching Internship*
- Public Speaking & Communications
- Internship: Human Services



Related Courses for Postsecondary Readiness

- 4th Year Math
- 2-4 Years of World Language
- AP Psychology*



Related Clubs / Activities

- The Family, Career and Community Leaders of America (FCCLA)



Future Careers / College Majors

- Teacher (Elementary, Middle or High School
- Special Education Teacher
- School Counselor
- School Administrator
- Corporate Trainer
- Instructional Designer / Curriculum Developer





Courses marked with an asterisk (*) may offer Early College Credit.
Courses marked with a hashmark (#) are open to incoming freshmen.

Course Descriptions for Education & Training

Michelle Papanicolaou, Director of Postsecondary Pathways & Division Leader for Career & Technical Education,
papanicolaou@fenton100.org
630-860-4813

Child Development & Parenting

What's it like to be a parent? Child Development and Parenting gives you the opportunity to find out! Students will explore topics focusing on child growth and care from conception through childhood with emphasis on the techniques and skills necessary to promote healthy physical, social, emotional, intellectual, and moral development. Proper care of children, safety, health, play, and discipline are some topics included. Anticipated hand-on experience working with young children. Students may participate in the Baby Think It Over program, an infant simulation project

Prerequisites: None
Semesters: 1 Credits: 1
Course Code: 7509
Grade Levels: 9-12

Early Childhood & Elementary Education

Early Childhood & Elementary Education prepares students to guide the development of young children in an educational setting through instruction. Students will have various hands-on experiences and opportunities working with children at a local elementary school. Course content includes child development, care, and education issues. Project-based learning experiences include planning and implementing developmentally appropriate activities, basic health and safety practices, and legal requirements of teaching young children. A minimum of 10 hours of field experience provided during class at the elementary or middle school. In addition, students will research the requirements of early childhood education careers and will also have the opportunity to receive their Illinois Gateways Early Childhood Education Certification. ***Dual Credit: Based on preliminary COD approval, Dual Credit may be available to eligible students. See page 11 for details.***

Prerequisites: Child Development and Parenting
Semesters: 2 Credits: 2
Course Code: 1st Semester -7511 2nd Semester -7512
Grade Levels: 10-12

Teaching Internship

This advanced course will provide students with an introduction to teaching as a profession in the American education system, offering a variety of perspectives on education, including historical, philosophical, social, legal, and ethical issues in a diverse society. The course includes organizational structure and school governance. Up to 60 hours of field experience provided during class at the elementary or middle school. **Students may earn early college credit in this course, dependent on the following: the credentials of the instructor, alignment of course outcomes, and any other regulations set by the partnering college or university.* ***Dual Credit: Based on preliminary COD approval, Dual Credit may be available to eligible students. See page 11 for details.***

Prerequisites: Child Development & Parenting
Semesters: 1 (2 periods) Credit: 2
Course Code: 8011
Grade Level: 10-12

Public Speaking & Communications
Oral Communications/Public Speaking is a foundational semester-long elective that introduces students to the principles and practice of effective verbal and nonverbal communication. This course equips students with the confidence and skill to speak clearly, listen actively, and present ideas persuasively in academic, professional, and civic settings. Students will study audience analysis, speech organization, and delivery technique while composing and delivering informative, persuasive, and demonstrative speeches. Through low-stakes practice, peer feedback, and reflective self-review — including recorded practice sessions — students build the vocal control, body language awareness, and composure needed to manage speech anxiety and communicate with impact. This course establishes the presentation and delivery skills necessary for success in advanced coursework.
Prerequisites: None
Semester: 1 Credits: 1
Course Code: 005146
Grade Level: 9-12

Internship: Human Services
This internship enables students to explore careers in education, social services, law enforcement, government, or culinary arts by spending 60+ hours in local agencies or organizations. Students will gain hands-on experience by supporting daily operations, learning from professionals, and developing career readiness skills. Classroom instruction further enhances learning by focusing on resume building, professional development, and certification opportunities. Placements include sites that support Law, Fire Science, Aesthetician, Mortician, Special Recreation, Chef, Teacher. *Note: Internship enrollment is open to seniors only and may be taken up to two semesters. Students must have good attendance, strong academic and disciplinary records, and be enrolled in related coursework. Reliable attendance is essential for success. Limited school transportation may be available. See Page 116 of the guide for further information.*
Prerequisite/Corequisite: Teaching Internship, Criminal Justice, AP Psychology, Latino Studies or Culinary 2
Semesters: 1 Credits: 2 (May be taken up to two semesters)
Course Code: WE0015
Grade Level: 12

GOVERNMENT, LAW & PUBLIC SERVICE

Recommended Elective Courses

- Criminal Justice
- Military History
- Latino Studies / Latino Studies for Spanish Speakers
- Leadership for Life
- Public Speaking & Communications
- AP United States Government and Politics*
- AP Psychology*
- AP Macroeconomics*
- AP Microeconomics*
- Internship: Human & Public Services
- TCD Criminal Justice*
- TCD Fire Science*
- TCD EMT (Emergency Medical Technician)*







Related Courses for Postsecondary Readiness

- 4th Year Math
- 2-4 Years of World Language
- AP Statistics*



Related Clubs / Activities

- BRAVE
- LINK Crew
- Black Student Union
- International Club
- National Honor Society
- Student Council



Future Careers / College Majors

- Lawyer / Attorney
- Police Officer/Detective
- Firefighter
- Public Policy Analyst
- Social Worker
- International Relations

Courses marked with an asterisk (*) may offer Early College Credit.
Courses marked with a hashmark (#) are open to incoming freshmen.

Course Descriptions for Government, Law & Public Service

Stephanie Jackson, Director of Learning and Division Leader for English and Social Studies
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630-238-4717

Criminal Justice
Criminal Justice focuses on the legal system of the United States from the mid-20th Century to the present. This course is designed to meet the needs of students wishing to be exposed to the criminal justice system, wanting to explore a possible career in criminal justice, and who are interested in taking an in depth look at the American legal system. The course will acquaint students with legal terms, trial procedures and laws that relate to young adults. Major subject areas include crime, the police, the criminal court system, and corrections. This course is a hands-on learning experience that encourages group projects, class discussion, and real-world experiences. When enrolling in this class, be prepared to work in small groups, as well as individually, throughout the semester.
Prerequisites: None
Semesters: 1 Credits: 1
Course Code: 5526
Grade Level: 11, 12

Military History
Military History is a one semester Social Studies elective focused on the central theme of armed conflict. Students will explore the development of warfare on land, sea and air, weapons and technology, strategy and defense, discipline and intelligence, mercenaries and standing armies, guerrilla assault and nuclear arsenals. Understanding the importance and the role of the military in the formation of individual states and societies will be addressed. Emphasis will be placed on the socioeconomic impact of military progress and the moral questions raised by armed conflict.
Prerequisites: None
Semesters: 1 Credits: 1
Course Code: 5527
Grade Level: 11, 12

Latino Studies
Latino Studies is a dynamic and interactive exploration of the rich and diverse heritage, culture, and history of Latino communities across the Americas, that also emphasizes contemporary issues in the Latino world such as immigration, social justice, identity, and representation. This course places the student at the center of the learning journey, encouraging active engagement, critical thinking, and meaningful dialogue and discussion. With an emphasis on student choice and presentations, this course empowers the student to take ownership of the learning experience.
P**rerequisite: None**
Semesters: 1 Credit: 1
Course Code: 4635
Grade Level: 11, 12

Latino Studies for Spanish Speakers
Latino Studies for Spanish Speakers is a dynamic and interactive exploration of the rich and diverse heritage, culture, and history of Latino communities across the Americas, that also emphasizes contemporary issues in the Latino world such as immigration, social justice, identity, and representation. This course places the student at the center of the learning journey, encouraging active engagement, critical thinking, and meaningful dialogue and discussion. With an emphasis on student choice and presentations, this course empowers the student to take ownership of the learning experience. This course is taught in Spanish.
Prerequisite: Demonstrated Spanish proficiency via placement in Spanish for Heritage Speakers 1, AP Spanish, or Division Leader approval
Semesters: 1 Credit: 1
Course Code: 4634
Grade Level: 11, 12

Leadership for Life
This course encourages students to develop self-awareness and self-management skills to achieve school and life success, recognize personal qualities and external supports, demonstrate skills related to achieving personal and academic goals, school, and life success, use social awareness and interpersonal skills to establish and maintain positive relationships, and demonstrate decision-making skills and responsible behaviors in personal, school, and community contexts.
Prerequisites: None
Semesters: 1 Credits: 1
Course Code: 4013
Grade Level: 10-12 (Seniors may enroll 1st semester only)

Public Speaking & Communications
Oral Communications/Public Speaking is a foundational semester-long elective that introduces students to the principles and practice of effective verbal and nonverbal communication. This course equips students with the confidence and skill to speak clearly, listen actively, and present ideas persuasively in academic, professional, and civic settings. Students will study audience analysis, speech organization, and delivery technique while composing and delivering informative, persuasive, and demonstrative speeches. Through low-stakes practice, peer feedback, and reflective self-review — including recorded practice sessions — students build the vocal control, body language awareness, and composure needed to manage speech anxiety and communicate with impact. This course establishes the presentation and delivery skills necessary for success in advanced coursework.
Prerequisites: None
Semester: 1 Credits: 1
Course Code: 005146
Grade Level: 9-12

AP United States Government and Politics
AP United States Government and Politics introduces students to key political ideas, institutions, policies, interactions, roles, and behaviors that characterize the political culture of the United States. The course examines politically significant concepts and themes, through which students learn to apply disciplinary reasoning, assess causes and consequences of political events, and interpret data to develop evidence-based arguments.
Prerequisites: 2-4 Years of Social Studies
Semesters: 2 Credits: 2
Course Code: 1st Semester -5528, 2nd Semester -5529
Grade Level: 11, 12

AP Psychology
Advanced Placement Psychology is designed to prepare students for the AP Psychology exam, which covers an introduction to the scientific and systematic study of behavior. Students are exposed to the psychological facts, principles, and phenomena associated with the major subfields within psychology. Students will also learn about the methodology utilized by psychologists in their practice including the research methods and the APA writing format. In this way, students will continue to develop their critical thinking as well as their reading and writing skills to help them succeed in college. The class will build on the foundations laid during the second semester of Introduction to the Social Sciences.
Prerequisites: Junior or senior standing, recommendation from one social studies teacher, 2-4 Years of social studies.
Semesters: 2 Credits: 2
Course Code: 1st Semester -2105, 2nd Semester -2106
Grade Level: 11, 12

AP Macroeconomics
This first semester course examines various methods in which society reacts to developments that occur in our economy and represents an introductory college-level Macroeconomics course. Economic issues that once plagued our economy, such as high unemployment rates, home foreclosures, and our $23 trillion national debt are a few of the many topics of discussion. Students will apply economic theory that is presented in class in an effort to provide solutions to various economic problems that can persist in any given country. Students will have an opportunity to earn college credit by taking an AP examination in the spring, and successful completion of this course will fulfill the Consumer Education graduation requirement.
NOTE: It is recommended that you have either taken Algebra 2 or are taking it concurrently with this course.
Prerequisites: None
Semesters: 1 Credits: 1
Course Code: 1st Semester -2098
Grade Level: 11, 12

Internship: Human Services
This internship enables students to explore careers in education, social services, law enforcement, government, or culinary arts by spending 60+ hours in local agencies or organizations. Students will gain hands-on experience by supporting daily operations, learning from professionals, and developing career readiness skills. Classroom instruction further enhances learning by focusing on resume building, professional development, and certification opportunities. Placements include sites that support Law, Fire Science, Aesthetician, Mortician, Special Recreation, Chef, Teacher.
Note: Internship enrollment is open to seniors only and may be taken up to two semesters. Students must have good attendance, strong academic and disciplinary records, and be enrolled in related coursework. Reliable attendance is essential for success. Limited school transportation may be available. See Page 116 of the guide for further information.
Prerequisite/Corequisite: Teaching Internship, Criminal Justice, AP Psychology, Latino Studies or Culinary 2
Semesters: 1 Credits: 2 (May be taken up to two semesters)
Course Code: WE0015
Grade Level: 12

TCD - Criminal Justice
This hands-on program immerses students in the fundamentals of law enforcement, legal systems, and public safety. Students gain experience in criminal law, policing strategies, investigative techniques, report writing, and courtroom procedures while learning the skills necessary to maintain safety and uphold the law. Working in classroom simulations, labs, and community-based experiences, students develop the practical, analytical, and professional skills needed for careers in law enforcement, corrections, and related public safety fields. This course is offered at the Technology Center of DuPage (TCD) for three periods daily (Periods 1–3 or 6–8), and transportation is provided. For more information about TCD, see page 117 of the catalog.
Prerequisites:
Semesters: 2 Credits: 2.5
Course Code: Semester 1 -9416, Semester 2 -9417
Grade Level: 12

TCD - Emergency Medical Technician (EMT)
This hands-on program immerses students in the world of emergency medical care and pre-hospital response. Students gain experience in patient assessment, CPR, first aid, trauma response, and emergency procedures while learning the skills necessary to respond effectively in urgent medical situations. Working in simulation labs and community-based settings, students develop the critical and technical skills needed for careers as emergency medical technicians and first responders. This course is offered at the Technology Center of DuPage (TCD) for three periods daily (Periods 1–3 or 6–8), and transportation is provided. For more information about TCD, see page 117 of the catalog.
Prerequisites: Health Care Occupations
Semesters: 2 Credits: 2.5
Course Code: Semester 1 -9600, Semester 2 -9601
Grade Level: 12

TCD - Fire Science
This hands-on program immerses students in the fundamentals of firefighting, fire prevention, and emergency response. Students gain experience in fire behavior, suppression techniques, rescue operations, hazardous materials response, and fire safety education while learning the skills necessary to protect life and property. Working in simulation labs, drills, and community-based exercises, students develop the technical, physical, and professional skills needed for careers in firefighting, emergency services, and fire safety. This course is offered at the Technology Center of DuPage (TCD) for three periods daily (Periods 1–3 or 6–8), and transportation is provided. For more information about TCD, see page 117 of the catalog.
Prerequisites: None
Semesters: 2 Credits: 2.5
Course Code: Semester 1 -9522, Semester 2 -9523
Grade Level: 12

AUTOMOTIVES

Recommended Elective Courses

- Small Engines*#
- Automotive Technology 1*
- Automotive Technology 2
- Automotives - Lab Aide
- Internship: Skilled Trades & Multimedia Production
- TCD Auto Body Repair & Refinishing
- TCD Automotive Technology*





Related Courses for Postsecondary Readiness

- 4th Year Math
- 2-4 Years of World Language
- Public Speaking & Communications



Related Clubs / Activities

- Car Club

Future Careers / College Majors

- Automotive Technician
- Automotive Engineer
- Diesel Technician
- Automotive Service Manager
- Vehicle Inspector
- Collision Repair / Auto Body Technology





Courses marked with an asterisk (*) may offer Early College Credit.
Courses marked with a hashmark (#) are open to incoming freshmen.

Course Descriptions for Automotives

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630-860-4813

Small Engines
Small Engines is a gateway course into the Auto- motives pathway where students take a "hands on" approach to learning four-stroke engines. In this course, students work in a collaborative setting to learn about engine assembly, torque, troubleshooting, and precision measurement. Students work on horizontal shaft engines, mowers, snow blowers, trimmers, and almost anything they can dream of with a small gasoline engine. These skills lead to hands-on applications where students apply learned skills to diagnostics, tune-ups, and repairs on all makes and models. ***Dual Credit: Based on preliminary COD approval, Dual Credit may be available to eligible students. See page 11 for details.***
Prerequisites: None
Semesters: 1 Credits: 1
Course Code: 1st Semester -7844
Grade Level: 9-12

Automotive Technology 1
Students will work on automobiles. Students will learn how to add new sound systems, new brakes, do body work, and perform general repair to cars. Students will do general auto maintenance, upgrades and repairs to automobiles including their own cars. Consumer tips and careers are also covered in this class. ***Dual Credit: Based on preliminary COD approval, Dual Credit may be available to eligible students. See page 11 for details.***
Prerequisites: Small Engines
Semesters: 2 Credits: 2
Course Code: 1st Semester -7851, 2nd Semester -7852
Grade Level: 10-12

Automotive Technology 2
The Automotive Technology program is designed to provide students with the necessary skills, knowledge, and abilities for entry-level employment in the automotive service industry. Autos 2 will build upon the knowledge gained in Autos 1, with an expanded focus on diagnostics and troubleshooting. Autos 2 will provide the student with skills in engine tune-up, brake system service, suspension service, lubrication service, and parts management. In addition, students will also learn job search skills, automotive business ethics, appropriate communication skills for the marketplace, and job retention skills including attendance, punctuality, and proper work attire.
Prerequisites: Auto Technology 1
Semester: 2 Credits: 2
Course Code: 1st Semester -7863, 2nd Semester -7864
Grade Level: 11, 12

Automotives - Lab Aide
The student will assist the teacher in the lab by helping other students learn the proper use of equipment and procedures. He/she may choose to work in the area of Applied Technology, Fine Arts, Culinary, or other CTE (Career Technical Education) areas. Through assisting other students, lab assistants will enhance their interpersonal mentoring skills. A student seeking credits as a Lab Assistant must submit a completed lab contract and have approval from the Division Leaders of the appropriate department.
Prerequisites: Division Leader Approval
Semester: 1 Credits: 1
Course Code: LA0009
Grade Level: 11, 12

Internship: Skilled Trades & Multimedia Production
Students interested in trades such as construction, automotive technology, or multimedia production will complete 60+ hours working alongside skilled professionals in local businesses. This program emphasizes hands-on training, skill development, and real-world application of technical knowledge. Weekly in-class sessions will focus on professional skills, resume building, and industry certifications to prepare students for career success. Placements include sites that support Automotive Mechanic, Graphic Production, Welding, Fashion Design, CNC Machining, Construction Trades.
Note: Internship enrollment is open to seniors only and may be taken up to two semesters. Students must have good attendance, strong academic and disciplinary records, and be enrolled in related coursework. Reliable attendance is essential for success. Limited school transportation may be available. See Page 90 of the guide for further information.
Prerequisite/Corequisite: Advanced Graphics Communication & Production, Woods 2, Construction Trades, or Automotive Technology 2
Semesters: 1 Credits: 2 (May be taken up to two semesters)
Course Code: WE0002
Grade Level: 12

TCD - Automotive Technology
This hands-on program immerses students in the fundamentals of automotive repair, diagnostics, and maintenance. Students gain experience in engine repair, electrical systems, brakes, suspension, and vehicle inspection while learning the skills necessary to troubleshoot and maintain modern automobiles. Working in fully equipped automotive labs with industry-standard tools and diagnostic equipment, students develop the technical, problem-solving, and professional skills needed for careers in automotive technology and service. This course is offered at the Technology Center of DuPage (TCD) for three periods daily (Periods 1–3 or 6–8), and transportation is provided. For more information about TCD, see page 117 of the catalog.
Prerequisites: Automotive Technology 1
Semesters: 2 Credits: 2.5
Course Code: Semester 1 -9474, Semester 2 -9475
Grade Level: 12

TCD - Auto Body Repair & Refinishing
This hands-on program immerses students in the world of auto body repair, refinishing, and collision repair. Students gain experience in metal straightening, dent repair, surface preparation, painting techniques, and vehicle refinishing while learning the skills necessary to restore vehicles to their pre-accident condition. Working in fully equipped auto body labs with industry-standard tools and materials, students develop the technical, creative, and professional skills needed for careers in collision repair, automotive refinishing, and restoration. This course is offered at the Technology Center of DuPage (TCD) for three periods daily (Periods 1–3 or 6–8), and transportation is provided. For more information about TCD, see page 117 of the catalog.
Prerequisites: Automotive Technology 1
Semesters: 2 Credits: 2.5
Course Code: Semester 1 -9470, Semester 2 -9471
Grade Level: 12

CONSTRUCTION TRADES

Recommended Elective Courses

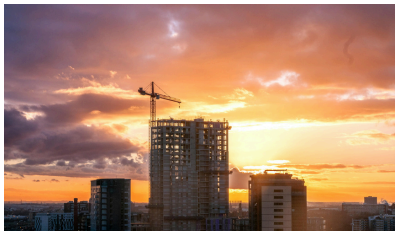
- Construction Trades
- Internship: Skills Trades & Multimedia Production
- Construction Trade - Lab Aide
- TCD Construction Trades*
- TCD Welding*
- TCD HVAC & Residential Wiring*





Related Courses for Postsecondary Readiness

- 4th Year Math
- 2-4 Years of World Language
- Public Speaking & Communications



Related Clubs / Activities

- Skills USA (Offered through TCD)



Future Careers / College Majors

- Carpenter / Joiner
- Electrician
- Plumber / Pipefitter
- Project Manager
- Bricklayer
- HVAC Technician



Courses marked with an asterisk (*) may offer Early College Credit.
Courses marked with a hashmark (#) are open to incoming freshmen.

www.fenton100.org

Course Descriptions for Construction Trades

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Construction Trades
This skills course provides experiences related to the erection, installation, and maintenance of residential buildings and related fixtures. Planned learning activities allow students to understand fundamental principles and methods and develop technical skills related to masonry, carpentry, and finish work. Instruction includes safety principles and practices, recognizing standard lumber sizes, foundation layout methods, building concepts and procedures, local, state, and national codes, cost estimating, and blueprint reading.
Prerequisites: Woods 1 Recommended, but not required
Semesters: 2 Credit: 2
Course Code: 7800
Grade Level: 10-12

Construction Trades - Lab Aide
The student will assist the teacher in the lab by helping other students learn the proper use of equipment and procedures. He/she may choose to work in the area of Applied Technology, Fine Arts, Culinary, or other CTE (Career Technical Education) areas. Through assisting other students, lab assistants will enhance their interpersonal mentoring skills. A student seeking credits as a Lab Assistant must submit a completed lab contract and have approval from the Division Leaders of the appropriate department.
Prerequisites: Division Leader Approval
Semester: 1 Credits: 1
Course Code: LA0009
Grade Level: 11, 12

Internship: Skilled Trades & Multimedia Production
Students interested in trades such as construction, automotive technology, or multimedia production will complete 60+ hours working alongside skilled professionals in local businesses. This program emphasizes hands-on training, skill development, and real-world application of technical knowledge. Weekly in-class sessions will focus on professional skills, resume building, and industry certifications to prepare students for career success. Placements include sites that support Automotive Mechanic, Graphic Production, Welding, Fashion Design, CNC Machining, Construction Trades.
Note: Internship enrollment is open to seniors only and may be taken up to two semesters. Students must have good attendance, strong academic and disciplinary records, and be enrolled in related coursework. Reliable attendance is essential for success. Limited school transportation may be available. See Page 116 of the guide for further information.
Prerequisite/Corequisite: Advanced Graphics Communication & Production, Woods 2, Construction Trades, or Automotive Technology 2
Semesters: 1 Credits: 2 (May be taken up to two semesters)
Course Code: WE0002
Grade Level: 12

TCD - Construction Trades
This hands-on program immerses students in the fundamentals of residential and commercial construction. Students gain experience in carpentry, framing, blueprint reading, tool operation, and construction site safety while learning the skills necessary to complete projects efficiently and accurately. Working in fully equipped labs and real-world construction environments, students develop the technical, practical, and professional skills needed for careers in construction, building trades, and project management. This course is offered at the Technology Center of DuPage (TCD) for three periods daily (Periods 1–3 or 6–8), and transportation is provided. For more information about TCD, see page 117 of the catalog.
Prerequisites: Construction Trades
Semesters: 2 Credits: 2.5
Course Code: Semester 1 -9404, Semester 2 -9405
Grade Level: 12

TCD - HVAC & Residential Wiring
This hands-on program immerses students in the fundamentals of heating, ventilation, air conditioning (HVAC), and residential electrical systems. Students gain experience in installation, maintenance, troubleshooting, and repair of HVAC units and residential wiring while learning the skills necessary to work safely and efficiently in the trades. Working in fully equipped labs with industry-standard tools and equipment, students develop the technical, analytical, and professional skills needed for careers in HVAC, electrical, and building systems. This course is offered at the Technology Center of DuPage (TCD) for three periods daily (Periods 1–3 or 6–8), and transportation is provided. For more information about TCD, see page 117 of the catalog.
Prerequisites: Construction Trades
Semesters: 2 Credits: 2.5
Course Code: Semester 1 -9512, Semester 2 -9513
Grade Level: 12

TCD - Welding
This hands-on program immerses students in the fundamentals of welding and metal fabrication. Students gain experience in shielded metal arc welding, gas metal arc welding, gas tungsten arc welding, cutting, and blueprint reading while learning the skills necessary to work safely and efficiently in industrial and construction settings. Working in fully equipped welding labs with industry-standard tools and materials, students develop the technical, problem-solving, and professional skills needed for careers in welding, fabrication, and metalworking. This course is offered at the Technology Center of DuPage (TCD) for three periods daily (Periods 1–3 or 6–8), and transportation is provided. For more information about TCD, see page 117 of the catalog.
Prerequisites: Construction Trades or Woods 1
Semesters: 2 Credits: 2.5
Course Code: Semester 1 -9552, Semester 2 -9553
Grade Level: 12

GRAPHICS & MULTIMEDIA PRODUCTION

Recommended Elective Courses

- Graphic Communication & Production #
- Advanced Graphic Communication & Production
- Graphics & Multimedia Production - Lab Aide
- Internship: Skilled Trades & Multimedia Production
- TCD Multimedia & TV Production*



Related Courses for Postsecondary Readiness

- 4th Year Math
- 2-4 Years of World Language
- Public Speaking & Communications



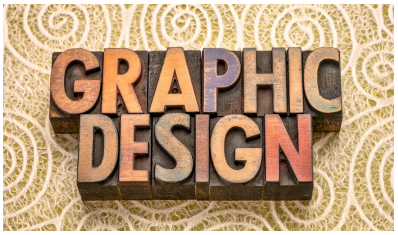
Related Clubs / Activities

- Highlights
- Image Makers
- Film Club



Future Careers / College Majors

- Graphic Designer
- Motion Graphics Designer
- Web Designer / UI Designer
- Video / Film Editor
- 3D Modeler
- UX Designer (User Experience Designer)





Courses marked with an asterisk (*) may offer Early College Credit.
Courses marked with a hashmark (#) are open to incoming freshmen.

Course Descriptions for Graphics & Multimedia Production

Michelle Papanicolaou, Director of Postsecondary Pathways & Division Leader for Career & Technical Education,
papanicolaou@fenton100.org
630-860-4813

Graphic Communication and Production
Graphic Communication and Production course will teach students to use artistic techniques to effectively communicate ideas via illustration and other forms of digital or printed media. Topics covered may include concept design, layout, paste-up and techniques such as engraving, etching, silkscreen, lithography, offset, drawing, collage and computer graphics.
Prerequisite: None
Semesters: 1 Credits: 1
Course Code: 7738
Grade Level: 9-12

Advanced Graphic and Communication Production
Advanced Graphic Communications Production provides learning experiences common to all graphic communications occupations. Instruction includes the use of color, balance and proportion in design; three- dimensional visualization; sketching; design procedures; layout techniques; selection of appropriate tools and media; and the use of the computer as a communication tool. Upon learning the foundational skills students will engage in the production of complex designs including a mass production project, multiple color decal, laser engraved items, display and advertisement, and other print production projects of their own design. Planned learning activities will allow students to become knowledgeable of fundamental principles and methods and to develop technical skills related to the graphic arts industry.
Prerequisite: Graphics Communication and Production
Semesters: 2 Credits: 2
Course Code: 1st Semester -7739, 2nd Semester -7740
Grade Level: 10-12

Graphics - Lab Aide
The student will assist the teacher in the lab by helping other students learn the proper use of equipment and procedures. He/she may choose to work in the area of Applied Technology, Fine Arts, Culinary, or other CTE (Career Technical Education) areas. Through assisting other students, lab assistants will enhance their interpersonal mentoring skills. A student seeking credits as a Lab Assistant must submit a completed lab contract and have approval from the Division Leaders of the appropriate department.
Prerequisites: Division Leader Approval
Semester: 1 Credits: 1
Course Code: LA0005
Grade Level: 11, 12

Internship: Skilled Trades & Multimedia Production

Students interested in trades such as construction, automotive technology, or multimedia production will complete 60+ hours working alongside skilled professionals in local businesses. This program emphasizes hands-on training, skill development, and real-world application of technical knowledge. Weekly in-class sessions will focus on professional skills, resume building, and industry certifications to prepare students for career success. Placements include sites that support Automotive Mechanic, Graphic Production, Welding, Fashion Design, CNC Machining, Construction Trades. *Note: Internship enrollment is open to seniors only and may be taken up to two semesters. Students must have good attendance, strong academic and disciplinary records, and be enrolled in related coursework. Reliable attendance is essential for success. Limited school transportation may be available. See Page 116 of the guide for further information.*

Prerequisite/Corequisite: Advanced Graphics Communication & Production, Woods 2, Construction Trades, or Automotive Technology 2

Semesters: 1 Credits: 2 (May be taken up to two semesters)

Course Code: WE0002

Grade Level: 12

TCD - Multimedia & TV Production

This hands-on program immerses students in the world of multimedia and television production—from concept to screen. Students gain experience in scriptwriting, directing, editing, cinematography, lighting, sound recording, and motion graphics while learning the art of visual storytelling. Working in professional studios with industry-standard software and equipment, students develop the creative and technical skills needed for careers in film, television, and digital media. This course is offered at the Technology Center of DuPage (TCD) for three periods daily (Periods 1–3 or 6–8), and transportation is provided. For more information about TCD, see page 117 of the catalog.

Prerequisites: Graphics Communication and Production

Semesters: 2 Credits: 2.5

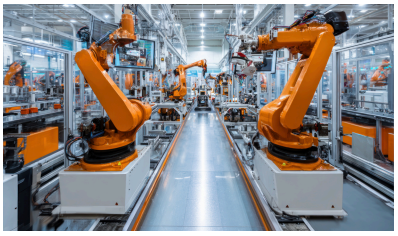
Course Code: Semester 1 -9444, Semester 2 -9445

Grade Level: 12

WOODS & MANUFACTURING

Recommended Elective Courses

- Woods 1 #
- Woods 2
- Woods & Manufacturing - Lab Aide
- Internship: Skilled Trades & Manufacturing
- TCD Manufacturing, CNC, and Machining Technology
- TCD Welding*





Related Courses for Postsecondary Readiness

- 4th Year Math
- 2-4 Years of World Language
- Public Speaking & Communications



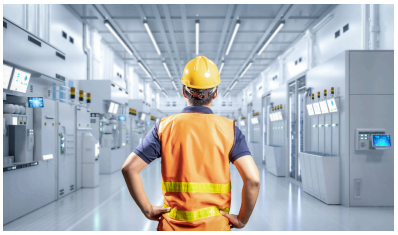
Related Clubs / Activities

- Skills USA (Offered through TCD)

Future Careers / College Majors

- CNC Machinist / Operator
- Welder
- Cabinetmaker
- Industrial Production Manager
- Quality Control Inspector
- Industrial Designer





Courses marked with an asterisk (*) may offer Early College Credit.
Courses marked with a hashmark (#) are open to incoming freshmen.

www.fenton100.org

Course Descriptions for Woods & Manufacturing

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papanicolaou@fenton100.org
630-860-4813

Woods 1
Woodworking is a very useful skillset for either future employment or as a hobby. Students will learn how to choose the right materials, tools, and procedures for a job. Emphasis is placed on safety, design, planning, and organization. Career awareness in fields like drafting, design, furniture, production, construction, carpentry, and cabinet making will also be covered. By the end of the course, students will have built and finished a fully functional piece of furniture.
P**rerequisite: None**
Semesters: 1 Credits: 1
Course Code: 9902
Grade Level: 9-12

Woods 2
Woods 2 is a continuation of Woods and for the individual who has an interest in wood-working. This class is for the student who wants to refine skills in wood product fabrication. Students will learn the newest technology used in these occupations. Consumer knowledge, home maintenance, career awareness, and technologies related to the wood product fabrication industries will be explored.
Prerequisite: Woods 1
Semesters: 2 Credits: 2
Course Code: 1st Semester -9903, 2nd Semester -9904
Grade Level: 10-12

Woods & Manufacturing - Lab Aide
The student will assist the teacher in the lab by helping other students learn the proper use of equipment and procedures. He/she may choose to work in the area of Applied Technology, Fine Arts, Culinary, or other CTE (Career Technical Education) areas. Through assisting other students, lab assistants will enhance their interpersonal mentoring skills. A student seeking credits as a Lab Assistant must submit a completed lab contract and have approval from the Division Leaders of the appropriate department.
P**rerequisites: Division Leader Approval**
Semester: 1 Credits: 1
Course Code: LA0005
Grade Level: 11, 12

Internship: Skilled Trades & Multimedia Production
Students interested in trades such as construction, automotive technology, or multimedia production will complete 60+ hours working alongside skilled professionals in local businesses. This program emphasizes hands-on training, skill development, and real-world application of technical knowledge. Weekly in-class sessions will focus on professional skills, resume building, and industry certifications to prepare students for career success. Placements include sites that support Automotive Mechanic, Graphic Production, Welding, Fashion Design, CNC Machining, Construction Trades.
Note: Internship enrollment is open to seniors only and may be taken up to two semesters. Students must have good attendance, strong academic and disciplinary records, and be enrolled in related coursework. Reliable attendance is essential for success. Limited school transportation may be available. See Page 116 of the guide for further information.
Prerequisite/Corequisite: Advanced Graphics Communication & Production, Woods 2, Construction Trades, or Automotive Technology 2
Semesters: 1 Credits: 2 (May be taken up to two semesters)
Course Code: WE0002
Grade Level: 12

TCD - Manufacturing, CNC & Machining Technology
This hands-on program immerses students in the fundamentals of modern manufacturing, computer numerical control (CNC), and machining processes. Students gain experience in precision measurement, CNC programming, milling, turning, and the operation of machine tools while learning the skills necessary to produce high-quality components safely and efficiently. Working in fully equipped manufacturing labs with industry-standard machines and software, students develop the technical, problem-solving, and professional skills needed for careers in advanced manufacturing, machining, and engineering technology. This course is offered at the Technology Center of DuPage (TCD) for three periods daily (Periods 1–3 or 6–8), and transportation is provided. For more information about TCD, see page 117 of the catalog.
Prerequisites: Woods 1
Semesters: 2 Credits: 2.5
Course Code: Semester 1 -9408, Semester 2 -9409
Grade Level: 12

TCD - Welding
This hands-on program immerses students in the fundamentals of welding and metal fabrication. Students gain experience in shielded metal arc welding, gas metal arc welding, gas tungsten arc welding, cutting, and blueprint reading while learning the skills necessary to work safely and efficiently in industrial and construction settings. Working in fully equipped welding labs with industry-standard tools and materials, students develop the technical, problem-solving, and professional skills needed for careers in welding, fabrication, and metalworking. This course is offered at the Technology Center of DuPage (TCD) for three periods daily (Periods 1–3 or 6–8), and transportation is provided. For more information about TCD, see page 117 of the catalog.
Prerequisites: Construction Trades or Woods 1
Semesters: 2 Credits: 2.5
Course Code: Semester 1 -9552, Semester 2 -9553
Grade Level: 11, 12

COMPUTER & INFORMATION SCIENCE

Recommended Elective Courses

- Computer Science Discoveries #
- Fundamendals of Coding* #
- AP Computer Science Principles*
- AP Computer Science A*
- Internship: STEM
- TCD Computer Information Systems & Game Design*
- TCD Robotics & Automation Technology*





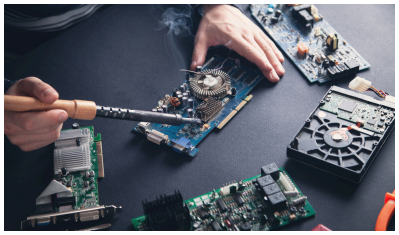
Related Courses for Postsecondary Readiness

- 4th Year Math
- 2-4 Years of World Language
- Public Speaking & Communications
- AP Calculus AB/BC*
- AP Statistics*



Related Clubs / Activities

- Byte Club
- Math Team



Future Careers / College Majors

- Software Developer
- Cybersecurity Analylist
- Data Scientist
- Cloud Solutions Architect
- AI / Machine Learning Engineer
- IT Support Specialist / Network Administrator



Courses marked with an asterisk (*) may offer Early College Credit.
Courses marked with a hashmark (#) are open to incoming freshmen.

Course Descriptions for Computer & Information Science

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630-860-4816

Computer Science Discoveries

Computer Science Discoveries is an introductory, classroom-based course appropriate for students with an emerging interest in computer science. The course aims to empower students to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun. CS Discoveries takes a wide lens on computer science by covering topics such as programming, physical computing, web development, design, and data. The course inspires students as they build their own websites, apps, games, and physical computing devices.

Prerequisite: None
Semesters: 1 Credit: 1
Course Code: 5449
Grade Level: 9-12

Fundamentals of Coding

This course will introduce students to computer science through programming. The course will begin with a brief introduction of how computers work and communicate, followed by several units covering an introduction to programming, including: sequence, selection, and iterative constructs, primitive data types, strings, lists, functions, and graphics. 2nd Semester includes several units covering slightly more advanced programming techniques, including: functional programming, object-oriented programming, graphics, and API's. The programming language utilized in this class will be Python, which is currently one of the world's most popular programming languages. ***Dual Credit: Based on preliminary COD approval, Dual Credit may be available to eligible students. See page 11 for details.***

Prerequisites: Completion of Computer Science Discoveries or DL approval
Semesters: 2 Credits: 2
Course Code: 1st Semester -5447, 2nd Semester -5448
Grade Level: 9-12

AP Computer Science Principles

AP Computer Science Principles is a full-year mathematics elective course offering a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Principles will give students the opportunity to use technology to address real world problems and build relevant solutions Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science. This course does not count towards the mathematics requirements for graduation. All 11th graders must be enrolled in a mathematics course concurrently with this course. ***Dual Credit: Based on preliminary COD approval, Dual Credit may be available to eligible students. See page 11 for details.***

Prerequisites: Successful completion of Math 1 or with administrative approval.
Semesters: 2 Credits: 2
Course Code: 1st Semester -2073, 2nd Semester -2074
Grade Level: 9-12

AP Computer Science A

AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language. All 10th and 11th graders must be enrolled in a mathematics course concurrently with this course.

Prerequisites: Successful completion of Math 1 and Math 2 or with administrative approval
Semesters: 2 Credits: 2
Course Code: 1st Semester -2079, 2nd Semester -2080
Grade Level: 10-12

Internship: STEM

This internship provides students with 60+ hours of experience in science, technology, engineering, or math environments, such as labs, tech companies, or engineering firms. Students will engage in practical projects, observe professional operations, and develop skills needed for STEM careers. The program includes in-class instruction to enhance professional competencies, build a resume, and support certification opportunities. Placements include sites that support Information Technology Support & Biomedical Lab. *Note: Internship enrollment is open to seniors only and may be taken up to two semesters. Students must have good attendance, strong academic and disciplinary records, and be enrolled in related coursework. Reliable attendance is essential for success. Limited school transportation may be available. See Page 116 of the guide for further information.*

Prerequisite/Corequisite: Advanced Robotics & Engineering, AP Environmental Science, AP Physics or Fundamentals of Coding
Semesters: 1 Credits: 2 (May be taken up to two semesters)
Course Code: WE0005
Grade Level: 12

TCD - Computer Information Systems & Game Design

This hands-on program immerses students in the world of computer technology and interactive media. Students gain experience in programming, game design, software development, user interface design, and troubleshooting while learning the skills necessary to create functional applications and engaging digital experiences. Working in fully equipped computer labs with industry-standard hardware and software, students develop the technical, creative, and problem-solving skills needed for careers in computer science, software development, and digital media. This course is offered at the Technology Center of DuPage (TCD) for three periods daily (Periods 1–3 or 6–8), and transportation is provided. For more information about TCD, see page 117 of the catalog.

Prerequisites: Computer Science Discoveries
Semesters: 2 Credits: 2.5
Course Code: Semester 1 -9420, Semester 2 -9421
Grade Level: 12

TCD - Robotics, Automation & Engineering

This hands-on program immerses students in the world of robotics, automation, and mechatronics. Students gain experience in robot programming, automated systems design, sensors and actuators, and industrial control while learning the skills necessary to design, build, and operate automated machines. Working in fully equipped labs with industry-standard robotics kits and automation equipment, students develop the technical, analytical, and problem-solving skills needed for careers in robotics, manufacturing automation, and engineering technology. This course is offered at the Technology Center of DuPage (TCD) for three periods daily (Periods 1–3 or 6–8), and transportation is provided. For more information about TCD, see page 117 of the catalog.

Prerequisites: Foundations of Coding & Advanced Robotics & Engineering

Semesters: 2 Credits: 2.5

Course Code: Semester 1 -9546, Semester 2 -9547

Grade Level: 12

ENGINEERING & ENVIRONMENT

Recommended Elective Courses

- Introduction to Robotics & Engineering #
- Advanced Robotics & Engineering
- Environmental Technology & Design
- Engineering & Technology - Lab Aide
- AP Environmental Science*
- AP Chemistry*
- AP Physics 1*
- AP Physics 2*
- Geoscience
- Internship: STEM
- TCD Robotics & Automation Technology*
- TCD Manufacturing, CNC, and Machining Technology





Related Courses for Postsecondary Readiness

- 4th Year Math
- 2-4 Years of World Language
- Public Speaking & Communications
- AP Calculus AB/BC*
- AP Statistics*



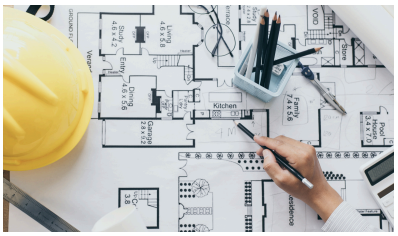
Related Clubs / Activities

- Byte Club
- Recycling Club
- Math Team



Future Careers / College Majors

- Environmental Engineer
- Civil Engineer
- Mechanical Engineer
- Renewable Energy Engineer
- Conservation Specialist
- Robotics / Automation Engineer



Courses marked with an asterisk (*) may offer Early College Credit.
Courses marked with a hashmark (#) are open to incoming freshmen.

Course Descriptions for Engineering & Environment

Michelle Papanicolaou, Director of Postsecondary Pathways & Division Leader for CTE
papanicolaou@fenton100.org
630-860-4813

Introduction to Robotics & Engineering
This introductory course offers students experience in solving problems by applying a design development process. Students will use solid modeling computer design software to develop, analyze, and test solutions. Students will design models and prototypes and communicate those features. Issues related to professional practice and product development are also presented. This course will develop and expand students' skills and knowledge so that they can design and develop robotic devices. Topics covered in the course may include mechanics, electrical controls, pneumatics, computer basics, and programmable logic controllers.
Prerequisites: None
Semesters: 1 Credit: 1
Course Code: 7700
Grade Level: 9-12

Advanced Robotics & Engineering
This year-long advanced course builds on foundational engineering principles with a focus on robotics design, automation, and applied problem-solving. Students work in teams to design, program, and test robotic systems that integrate technology, science, and mathematics to solve complex, real world challenges. Emphasis is placed on innovation, systems thinking, and engineering ethics, as well as the use of advanced tools for prototyping and testing. During the second semester, students will collaborate on a long-term robotics or engineering project, often in partnership with an industry or community organization.
Prerequisites: Introduction to Robotics & Engineering
Semesters: 1 Credits: 1
Course Code: 7725
Grade Level: 10–12

Environmental Technology & Design
This year-long course introduces students to the technologies and design principles that drive environmental sustainability. Students will explore renewable energy systems such as solar and wind power, sustainable materials, and emerging innovations that address global environmental challenges. Through hands-on projects and collaborative problem solving, students will apply engineering, science, and design concepts to develop real world solutions. In the second semester, students will work in teams on a long term environmental sustainability challenge in partnership with industry or community organizations.
Prerequisites: Introduction to Robotics & Engineering
Semesters: 1 Credits: 1
Course Code: 8801
Grade Level: 10–12

Engineering & Technology - Lab Aide
The student will assist the teacher in the lab by helping other students learn the proper use of equipment and procedures. He/she may choose to work in the area of Applied Technology, Fine Arts, Culinary, or other CTE (Career Technical Education) areas. Through assisting other students, lab assistants will enhance their interpersonal mentoring skills. A student seeking credits as a Lab Assistant must submit a completed lab contract and have approval from the Division Leaders of the appropriate department.
Prerequisites: Division Leader Approval
Semester: 1 Credits: 1
Course Code: LA0005
Grade Level: 11,12

AP Environmental Science
The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science. The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study. Students who earn a successful score on the Advanced Placement exam given in May. ***Dual Credit: Based on preliminary COD approval, Dual Credit may be available to eligible students. See page 11 for details.***
Prerequisites: Successful completion of Chemistry and Math 2
Semesters: 2 Credits: 2
Course Code: 1st Semester -2085, 2nd Semester -2086
Grade Level: 11, 12

AP Chemistry
Advanced Placement Chemistry is designed to be the equivalent of a college introductory course usually taken by chemistry majors during their first year. AP Chemistry differs from a typical high school course with respect to the time and effort required outside of class as well as the laboratory work done by students. Course content will emphasize topics in inorganic chemistry, such as understanding trends in the periodic table and shapes of molecules and properties of molecules as well as thermodynamics and rates of chemical reactions, chemical equilibrium, acids and bases and electrochemistry. Students who earn a successful score on the Advanced Placement exam given in May, may earn college credit.
Prerequisites: Successful completion of Chemistry and Math 2
Semesters: 2 Credits: 2
Course Code: 1st Semester- 2081, 2nd Semester - 2082
Grade Level: 11, 12

AP Physics 1
AP Physics 1 is designed to be an algebra-based introductory class equivalent to the first semester of a college physics course. The primary areas of focus for AP Physics 1 will be motion, forces, energy, momentum, waves, and an introduction into electrostatics and circuitry. Students will investigate topics through frequent inquiry-based laboratory experiments. In mastering the content, students will be presented information through several additional means that may include but are not limited to lectures, research projects, and homework. The coursework will be rigorous and challenging. Those who put the time and effort into learning the materials will leave the classroom well prepared to succeed in their future physics endeavors. Students will have the option of taking the AP Physics 1 exam in May that may allow them to earn college credit.
Prerequisites: Successful completion of Chemistry and Math 3
Semesters: 2 Credits: 2
Course Code: 1st Semester -2095, 2nd Semester -2096
Grade Level: 11, 12

AP Physics 2
AP Physics 2 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through classroom study, in-class activity, and hands-on, inquiry-based laboratory work as they explore concepts like systems, fields, force interactions, change, conservation, waves, and probability.
Prerequisites: Successful completion of Physics or AP Physics 1
Semesters: 2 Credits: 2
Course Code: 1st Semester -2109, 2nd Semester -2110
Grade Level: 11, 12

Geoscience
Students enrolled in Geoscience havethe opportunity to observe and study theirphysical environment. Major topics covered include the Earth's changing surface, the composition of the surface, Earth history, Astronomy, weather, Oceanography, and climate. The impact on the environment by humans is continually investigated. The course of study utilizes text, video, and laboratory experiences.
Prerequisites: Completion of Biology
Semesters: 2 Credits: 2
Course Code: 1st Semester -5676, 2nd Semester -5677
Grade Level: 10-12

Internship: STEM
This internship provides students with 60+ hours of experience in science, technology, engineering, or math environments, such as labs, tech companies, or engineering firms. Students will engage in practical projects, observe professional operations, and develop skills needed for STEM careers. The program includes in-class instruction to enhance professional competencies, build a resume, and support certification opportunities. Placements include sites that support Information Technology Support & Biomedical Lab. *Note: Internship enrollment is open to seniors only and may be taken up to two semesters. Students must have good attendance, strong academic and disciplinary records, and be enrolled in related coursework. Reliable attendance is essential for success. Limited school transportation may be available. See Page 116 of the guide for further information.*
Prerequisite/Corequisite: Advanced Robotics & Engineering, AP Environmental Science, AP Physics or Fundamentals of Coding
Semesters: 1 Credits: 2 (May be taken up to two semesters)
Course Code: WE0005
Grade Level: 12

TCD - Robotics, Automation & Engineering
This hands-on program immerses students in the world of robotics, automation, and mechatronics. Students gain experience in robot programming, automated systems design, sensors and actuators, and industrial control while learning the skills necessary to design, build, and operate automated machines. Working in fully equipped labs with industry-standard robotics kits and automation equipment, students develop the technical, analytical, and problem-solving skills needed for careers in robotics, manufacturing automation, and engineering technology. This course is offered at the Technology Center of DuPage (TCD) for three periods daily (Periods 1–3 or 6–8), and transportation is provided. For more information about TCD, see page 117 of the catalog.
Prerequisites: Foundations of Coding or Advanced Robotics & Engineering
Semesters: 2 Credits: 2.5
Course Code: Semester 1 -9546, Semester 2 -9547
Grade Level: 12

TCD - Manufacturing, CNC & Machining Technology
This hands-on program immerses students in the fundamentals of modern manufacturing, computer numerical control (CNC), and machining processes. Students gain experience in precision measurement, CNC programming, milling, turning, and the operation of machine tools while learning the skills necessary to produce high-quality components safely and efficiently. Working in fully equipped manufacturing labs with industry-standard machines and software, students develop the technical, problem-solving, and professional skills needed for careers in advanced manufacturing, machining, and engineering technology. This course is offered at the Technology Center of DuPage (TCD) for three periods daily (Periods 1–3 or 6–8), and transportation is provided. For more information about TCD, see page 117 of the catalog.
Prerequisites: Woods 1
Semesters: 2 Credits: 2.5
Course Code: Semester 1 -9408, Semester 2 -9409
Grade Level: 12

COMMUNICATIONS & WORLD LANGUAGE

Recommended Elective Courses

- Spanish Level 1, 2, and 3
- AP Spanish Language & Culture*
- Spanish 1, 2 and 3 for Heritage Speakers
- French Level 1, 2, and 3
- AP French Language & Culture*
- German Level 1, 2, and 3
- AP German Language and Culture*
- Public Speaking & Comunications
- Internship: World Language





Related Courses for Postsecondary Readiness

- 4th Year Math
- 2-4 Years of World Language



Related Clubs / Activities

- International Club
- American Sign Language Club
- Association of Latin American Students (ALAS)



Future Careers / College Majors

- Translater / Interpreter
- International Business Professional
- Diplomat
- Travel & Tourism Specialist
- Media Correspondent (International Focus)
- International Business Professional



Courses marked with an asterisk (*) may offer Early College Credit.
Courses marked with a hashmark (#) are open to incoming freshmen.

www.fenton100.org

Course Descriptions for Communications & World Language

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630-238-4718

Spanish Level 1
In Spanish 1 students begin to develop their competence in Spanish across three modes of communication: interpersonal, presentational, and interpretive. Students present information on familiar, everyday topics using a variety of practiced or memorized words, phrases, and simple sentences through spoken and written language. Additionally, students explore the cultures of the Spanish-speaking world, making comparisons and connections with their own experiences.
Prerequisites: None
Semesters: 2 Credits: 2
Course Code: 1st Semester -5221, 2nd Semester -5222
Grade Level: 9-12

Spanish Level 2
Students continue to develop their competence in Spanish across the three modes of communication: interpersonal, presentational, and interpretive. Students communicate information, make presentations, and express their thoughts about familiar topics, using sentences and series of connected sentences through spoken and written language. Additionally, students explore the cultures of the Spanish-speaking world, making comparisons and connections with their own experiences. Communication in class (teacher-student and student-student) is primarily in Spanish.
Prerequisites: Spanish 1
Semesters: 2 Credits: 2
Course Code: 1st Semester -5251, 2nd Semester-5252
Grade Level: 10-12 (9 with approval)

Spanish Level 3
Students continue to develop their competence in Spanish across the three modes of communication: interpersonal, presentational, and interpretive. Students communicate information, make presentations, and express their thoughts about increasingly complex topics using series of connected sentences through spoken and written language. Additionally, students explore the cultures of the Spanish-speaking world, making comparisons and connections with their own experiences. Communication in class (teacher-student and student- student) is entirely in Spanish.
Prerequisites: Spanish 2
Semesters: 2 Credits: 2
Course Code:1st Semester -5281, 2nd Semester -5282
Grade Level: 11, 12 (10 with approval)
AP Spanish Language & Culture

AP Spanish Language and Culture
Students cultivate their understanding of Spanish language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and communities, personal and public identities, beauty and aesthetics, science and technology, contemporary life, and global challenges. Students study authentic, current publications, historical texts, infographics, and original works of literature, and these texts are used as points of departure for classroom discussion. Communication in class (teacher-student and student-student) is entirely in Spanish. Note: It is recommended that only students who achieved a grade of C or higher in language level 3 continue to language level 4.
Prerequisites: Spanish 3 or Spanish 3 for Heritage Speakers
Semesters: 2 Credits: 2
Course Code: 1st Semester -2051, 2nd Semester -2052
Grade Level: 11, 12

Spanish 1 for Heritage Speakers
This Level 1 course is designed for students who live in a home where their primary language is Spanish. This course offers the opportunity for students to expand and advance their knowledge of the Spanish language and culture. The units of study expose them to Latino culture and foster a sense of pride and identity in their heritage. Conversational ability is required to enter this course and students must demonstrate some basic reading and writing knowledge through placement tests. Literacy skills in reading, writing, and vocabulary will be developed so students become proficient enough to continue to Spanish 2 for Heritage Speakers. Interpretive listening and reading is focused on the recognition of key details and making inferences about the content of authentic sources. The course will also address specific needs of the group as grammatical and vocabulary gaps are noted. The class is conducted entirely in Spanish, using authentic resources.
Semesters: 2 Credits: 2
Course Code: 1st Semester -5313, 2nd Semester -5314
Grade Level: 9-12

Spanish 2 for Heritage Speakers
This is the second course for students who live in a home where their primary language is Spanish. The course builds on skills learned in Spanish 1 for Heritage Speakers and continues the study of their rich Latino culture and history. Literacy skills in reading, writing and vocabulary continue to be developed so students become proficient enough to continue to Spanish 3 for Heritage Speakers. Interpretive listening and reading tasks are focused on both literal comprehension and inferential interpretation. The class is conducted entirely in Spanish using various forms of authentic resources. *Note It is recommended that only students who achieved a grade of C or higher in language level 1 continue to language level 2.*
Prerequisite: Spanish 1 for Heritage Speakers
Semesters: 2 Credits: 2
Course Code: 1st Semester -5315, 2nd Semester -5316
Grade Level: 9-12

Spanish 3 for Heritage Speakers
This is the third course for Heritage Spanish speakers. Students in level 3 will have the opportunity to refine previously introduced skills with emphasis on the three modes of communication: interpersonal, interpretive, and presentational. In addition, students are exposed to topics that focus on Latino culture and history. Class is conducted entirely in Spanish using various forms of authentic resources. Students who successfully complete this course may take AP Spanish Language if they meet the course recommendations or Spanish 4. *Note: It is recommended that only students who achieved a grade of C or higher in language level 2 continue to language level 3.*
Prerequisite: Spanish 2 or Spanish 2 for Heritage Speakers
Semesters: 2 Credits: 2
Course Code: 1st Semester -5317, 2nd Semester -5318
Grade Level: 9-12

French Level 1
Students begin to develop their competence in French across three modes of communication: interpersonal, presentational, and interpretive. Students present information on familiar, everyday topics using a variety of practiced or memorized words, phrases, and simple sentences through spoken and written language. Additionally, students explore the cultures of the French-speaking world, making comparisons and connections with their own experiences.
Prerequisites: None
Semesters: 2 Credits: 2
Course Code: 1st Semester -5201, 2nd Semester -5202
Grade Level: 9-12

French Level 2
Students continue to develop their competence in French across the three modes of communication: interpersonal, presentational, and interpretive. Students communicate information, make presentations, and express their thoughts about familiar topics, using sentences and series of connected sentences through spoken and written language. Additionally, students explore the cultures of the French-speaking world, making comparisons and connections with their own experiences. Communication in class (teacher-student and student-student) is primarily in French.
Prerequisites: French 1
Semesters: 2 Credits: 2
Course Code: 1st Semester -5231, 2nd Semester -5232
Grade Level: 10-12 (9 with approval)

French Level 3
Students continue to develop their competence in French across the three modes of communication: interpersonal, presentational, and interpretive. Students communicate information, make presentations, and express their thoughts about increasingly complex topics using series of connected sentences through spoken and written language. Additionally, students explore the cultures of the French-speaking world, making comparisons and connections with their own experiences. Communication in class (teacher-student and student-student) is entirely in French.
Prerequisites: French 2
Semesters: 2 Credits: 2
Course Code:1st Semester -5261 2nd Semester -5262
Grade Level: 11, 12 (10 with approval)

AP French Language and Culture
AP French Language and Culture is equivalent to an intermediate level college course in French. Students cultivate their understanding of French language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and communities, personal and public identities, beauty and aesthetics, science and technology, contemporary life, and global challenges. Students study authentic, current publications, historical texts, info graphics, and original works of literature, and these texts are used as points of departure for classroom discussion. Communication in class (teacher-student and student-student) is entirely in French.
Prerequisite: French 3
Semesters: 2 Credits: 2
Course Code: 1st Semester -2031, 2nd Semester- 2032
Grade Level: 11, 12

German Level 1
Students begin to develop their competence in German across three modes of communication: interpersonal, presentational, and interpretive. Students present information on familiar, everyday topics using a variety of practiced or memorized words, phrases, and simple sentences through spoken and written language. Additionally, students explore the cultures of the German-speaking world, making comparisons and connections with their own experiences.
Prerequisites: None
Semesters: 2 Credits: 2
Course Code: 1st Semester - 5211, 2nd Semester – 5212
Grade Level: 9-12

German Level 2
Students continue to develop their competence in German across the three modes of communication: interpersonal, presentational, and interpretive. Students communicate information, make presentations, and express their thoughts about familiar topics, using sentences and series of connected sentences through spoken and written language. Additionally, students explore the cultures of the German-speaking world, making comparisons and courses, the four communication skills of listening, speaking, reading, and writing continue to be expanded through personal development, career, and community themes. During each unit, students create narrative and argumentative essays, presentations, and speeches that use evidence from the informational texts read in class. Research skills and technology presentational skills are integrated throughout the course. This course meets the English 2 requirement for graduation.
Semesters: 2 Credits: 2
Course Code: 1st Semester -4527, 2nd Semester -4528
Grade Level: 9-12

German Level 3
Students continue to develop their competence in German across the three modes of communication: interpersonal, presentational, and interpretive. Students communicate information, make presentations, and express their thoughts about increasingly complex topics using series of connected sentences through spoken and written language. Additionally, students explore the cultures of the German-speaking world, making comparisons and connections with their own experiences. Communication in class (teacher-student and student-student) is entirely in German.
Prerequisites: German 2
Semesters: 2 Credits: 2
Course Code:1st Semester -5271, 2nd Semester -5272
Grade Level: 11,12 (10 with approval)

AP German Language and Culture
AP German Language and Culture is equivalent to an intermediate level college course in German. Students cultivate their understanding of German language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and communities, personal and public identities, beauty and aesthetics, science and technology, contemporary life, and global challenges. Students study authentic, current publications, historical texts, infographics, and original works of literature, and these texts are used as points of departure for classroom discussion. Communication in class (teacher-student and student-student) is entirely in German.
Prerequisite: German 3
Semesters: 2 Credits: 2
Course Code: 1st Semester -2041, 2nd Semester -2042
Grade Level: 11,12

Public Speaking & Communications
Oral Communications/Public Speaking is a foundational semester-long elective that introduces students to the principles and practice of effective verbal and nonverbal communication. This course equips students with the confidence and skill to speak clearly, listen actively, and present ideas persuasively in academic, professional, and civic settings. Students will study audience analysis, speech organization, and delivery technique while composing and delivering informative, persuasive, and demonstrative speeches. Through low-stakes practice, peer feedback, and reflective self-review — including recorded practice sessions — students build the vocal control, body language awareness, and composure needed to manage speech anxiety and communicate with impact. This course establishes the presentation and delivery skills necessary for success in advanced coursework.
Prerequisites: None
Semester: 1 Credits: 1
Course Code: 005146
Grade Level: 9-12

Internship: World Language
This internship provides students with 60+ hours of immersive experience in language and culture–focused environments such as bilingual education programs, translation services, community organizations, or international business settings. Students will apply their language skills in real-world contexts, observe professional communication, and develop cultural competencies valuable for global careers. The program includes in-class instruction to strengthen professional skills, build a résumé, and explore language-related career pathways. Placements include sites that support TBD. *Note: Internship enrollment is open to seniors only and may be taken up to two semesters. Students must have good attendance, strong academic and disciplinary records, and be enrolled in related coursework. Reliable attendance is essential for success. Limited school transportation may be available. See Page 116 of the guide for further information.*
Prerequisite/Corequisite: AP Spanish Language & Culture, AP German Language & Culture, AP French LAnguage & Culture
Semesters: 1 Credits: 2 (May be taken up to two semesters)
Course Code: WE0016
Grade Level: 12

INTERNSHIP

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The Internship program at Fenton High School gives students hands-on experience in a career area of their choice. Students spend 60+ hours per semester at a local business or organization, participating four days per week (1:30–3:15 p.m., or longer if needed). They will observe daily operations, contribute to workplace activities, and participate in weekly in-class instruction to build professional skills, develop a resume, and potentially earn career certifications.

Transportation: Students are responsible for getting to and from their internship, though school-provided transportation may be available. Students with their own transportation may choose a two- or three-period internship. Those needing school transportation typically enroll in a three-period internship, though a two-period option is possible if hours are extended past 5:00 p.m. Students involved in after school activities are encouraged to choose the three-period option.

Eligibility: Internships are primarily for seniors. Juniors may enroll with 26 credits, good attendance, and approval from the Division Leader. Students should have taken or be concurrently enrolled in related coursework that prepares them for their chosen area. Admission is based on review of attendance, academic performance, and disciplinary records.

Internship: Business & Finance

Prerequisite/Corequisite: Business Incubator, Accounting, Marketing or Investment Management
Available Internship Professions: Real Estate, Business Administration, Marketing, Accounting, Investment Banking

Internship: Fine & Performing Arts

Prerequisite/Corequisite: Band, Choir, Music Production, Acting, 2D Art 2, 3D Art 2, Photo 2 or Digital Art
Available Internship Professions: Graphic Design, TV Production

Internship: Health Sciences

Prerequisite/Corequisite: Health Care Occupations, Fitness & Nutrition, Biology 2, AP Biology or AP Psychology
Available Internship Professions: Dentist, Personal Trainer, Nursing, Physical Therapist, Paramedic, Pharmacist

Internship: Human Services

Prerequisite/Corequisite: Teaching Internship, Criminal Justice, or AP Psychology, Latino Studies, or Culinary 2
Available Internship Professions: Law, Fire Science, Aesthetician, Mortician, Special Recreation, Chef, Teacher

Internship: Skilled Trades & Multimedia Production

Prerequisite/Corequisite: Advanced Graphic Communication & Production, Woods 2, Construction Trades, or Automotive Technology 1
Available Internship Professions: Automotive Mechanic, Graphic Design, Welding, Fashion Design, CNC Machining, Construction Trades

Internship: STEM

Prerequisite/Corequisite: Advanced Robotics & Engineering, AP Environmental Science, AP Physics or Fundamentals of Coding
Available Internship Professions: Information Technology Support, Biomedical Lab

Internship: Communications & World Language

Prerequisite/Corequisite: French 2, German 2, Spanish 2, Spanish for Heritage Speakers 2, Public Speaking Communications
Available Internship Professions: TBD

TECHNOLOGY CENTER OF DUPAGE

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The Technology Center of DuPage (TCD) is a joint effort of Fenton High School, District #100 and thirteen other neighboring high school districts. The center is designed to offer elective career education programs not available at Fenton High School. The primary purpose of the TCD is to offer training which can provide students certified employability in a broad range of careers. Enrollment at the TCD is available to students during their junior and senior years, depending on the program.

Success at the TCD is directly related to regular attendance. As a result, Juniors wishing to enroll at the TCD must have 26 credits at the time of registration and a good attendance record. ***A student's attendance, academic performance and disciplinary records will be carefully reviewed in order to determine admittance into any TCD program.*** In addition to the credit requirement, the student who desires to enroll in a particular course at the TCD should have taken certain prerequisites (as outlined below) at Fenton High School in preparation for the chosen TCD course. If they have not taken these courses, administrative approval must be obtained. Listed below are the courses offered at TCD, the prerequisites and the grade level for which the courses are available. Some prerequisites may be taken concurrently with Division Leader approval. Some TCD courses may have associated fees.

Auto Body Repair and Refinishing
Grade 12
Prerequisite: Automotive Technology 1

Automotive Technology
Grade 12
Prerequisite: Automotive Technology 2

Computer Information Systems/Game Design
Grade 12
Prerequisite: Fundamentals of Coding

Construction Trades
Grade 12
Prerequisite: Construction Trades

Cosmetology
Grade 11 & 12
Prerequisite: 2 Credits of Fine Arts
(Can be taken concurrently)

Criminal Justice
Grade 12
Prerequisite: Criminal Justice

Emergency Medical Technician
Grade 12
Prerequisite: Health Care Occupations

Fire Science
Grade 12
Prerequisite: N/A

HVAC / Residential Wiring
Grade 12
Prerequisite: Construction Trades

Manufacturing, CNC & Machining Technology
Grade 12
Prerequisite: Woods 1

Medical Assisting
Grade 12
Prerequisite: Health Care Occupations

Introduction to Medical Professions
Grade 12
Prerequisite: AP Biology or Biology 2
(Can be taken concurrently)

Multimedia and Television Production
Grade 12
Prerequisite: Graphics Communication & Production

Nursing Assistant Training Program
Grade 12
Prerequisite: Health Care Occupations

Professional Cooking, Baking & Service (ProCBS)
Grade 12
Prerequisite: Culinary 1

Robotics, Automation & Engineering
Grade 12
Prerequisite: Introduction to Robotics & Engineering

Welding Technology
Grade 12
Prerequisite: Woods 1 or Construction Trades

ELECTIVE PROGRAM COURSE INDEX - PAGE 1

Description	Grade Level	Page #	# of SEM
2D Art 1	9-12	67,68	1
2D Art 2	9-12	67,68	1
3D Art 1	9-12	67,68	1
3D Art 2	9-12	67,69	1
Accelerated Concert Choir	10-12	61,64	2
Acc Symph Wind Ens./Conc Band	10-12	61,65	2
Accounting 1	10-12	54,55	1
Accounting 2*	10-12	54,55	1
Acting	16	58,59	1
Advanced Graphic Comm & Prod	10-12	96,97	2
Advanced Placement Music Theory*	10-12	61,66	2
Advanced Robotics & Engineering	10-12	106,107	1
AP 2D Art*	10-12	67,68	2
AP 2D Art Photo*	1-12	67,70	2
AP 3D Art*	10-12	67,69	2
AP Biology*	11-12	74,75	2
AP Calculus AB/BC	11-12	52,104,106	2
AP Chemistry*	11-12	74,76,106, 108	2
AP Computer Science A*	10-12	102,104	2
AP Computer Science Principles*	9-12	102,103	2
AP Environmental Science*	11-12	106,108	2
AP French Language & Culture*	11-12	110,113	2
AP German Language & Culture*	11-12	110,114	2
AP Macroeconomics*	11-12	54,56,86,88	1
AP Microeconomics*	11-12	54,56,86	1
AP Physics*	11-12	106,108	2
AP Physics 2*	11-12	106,108	2
AP Phsychology*	11-12	74,75,86,88	2
AP Spanish Language & Culture*	11-12	110,111	2
AP Statistics*	11-12	21,53,54,577 2,74,102,106	1
AP US Government & Politics*	11-12	86,88	2
Automotive Technology 1*	10-12	90,91	2
Automotive Technology 2	11-12	90,91	2
Automotives - Lab Aide	11-12	90,91	1

Description	Grade Level	Page #	# of SEM
Beginning Mariachi	9-12	61,64	1 or 2
Business Orientation	9-12	51,52,54,55	1
Biology 2	12	74,76	2
Business Accelerator	11-12	51,52	2
Business Incubator*	10-12	51,52	2
Child Development & Parenting	9-12	83,84	1
Chorale	9-12	61,63	1 or 2
Contstruction Trades	10-12	93,94	2
Construction Trades - Lab Aide	11-12	93,94	1
Concert Band	9-12	61,65	1 or 2
Concert Choir	10-12	61,64	1 or 2
Creative Writing	11-12	16	1
Criminal Justice	11-12	86,87	1
Computer Science Discoveries	9-12	102,103	1
Culinary 1	9-12	80,81	1
Culinary 2	10-12	80,81	2
Culinary Lab Aide	11-12	80,81	1
Digital Arts 1	9-12	67,70	1
Early Childhood & Elem. Education*	10-12	83,84	1
Engineering and Technology - Lab Aide	11-12	106,107	1
Environmental Technology & Design	10-12	106,107	1
Fine & Performing Arts - Lab Aide	11-12	61,66,67,70	1
Fitness & Nutrition	11-12	71,72	1 or 2
Food Prep & Health Management	11-12	80,81	1
Foundations of Coding*	9-12	102,103	2
French 1	9-12	110,112	2
French 2	10-12	110,113	2
French 3	11-12	110,113	2
Geoscience	10-12	106,108	2
German 1	9-12	110,113	2
German 2	9-12	110,114	2
German 3	11-12	110,114	2
Graphic Comm and Production	9-12	96,97	1
Graphics - Lab Aide	11-12	96,97	1
Guitar 1	9-12	61,62	1

COURSES MARKED WITH AN * MAY MAY RESULT IN EARLY COLLEGE CREDIT

ELECTIVE PROGRAM COURSE INDEX - PAGE 2

Description	Grade Level	Page #	# of SEM
Guitar Ensemble	10-12	61,62	1
Health care Occupations*	9-12	74,75	1
High Five Choir	9-12	61,63	1 or 2
Internship: Business & Finance	12	51,53,54,57	1
Internship: Fine & Performing Arts	12	58,59,61,66,67, 70	1
Internship: Health Sciences	12	71,73,7476	1
Internship: Human Services	12	80,82,83,85,86, 89	1
Internship: Skilled Trades Multimedia	12	90,92,93,94,99, 100,96,98	1
Internship: STEM	12	102,104,106,10 9	1
Internship: World Language	12	110,114	1
Intro to Robotics & Engineering	9-12	106,107	1
Investment Management*	11-12	54,56	1
Latino Studies	11-12	86,87	1
Latino Studies for Spanish Speakers	11-12	86,87	1
Leadership for Life	10-12	86,88	1
Marketing 1*	10-12	51,52	1
Marketing 2*	10-12	51, 52	1
Military History	11-12	86,87	1
Music Appreciation	9-12	61,62	1
Music Production	9-12	61,62	1
Piano 1	9-12	61,63	1
Piano 2	10-12	61,63	1
Photo 1	9-12	67,69	1
Photo 2	9-12	67,69	1
Public Speaking & Communication	9-12	53, 59, 85,88, 115	1
Small Engines*	9-12	90,91	1
Spanish Level 1	9-12	110,111	2
Spanish Level 2	10-12	110,111	2
Spanish Level 3	11-12	110,111	2
Spanish 1 for Heritage Speakers	9-12	110,112	2
Spanish 2 for Heritage Speakers	9-12	110,112	2
Spanish 3 for Heritage Speakers	9-12	110,112	2
Strength & Conditioning	11-12	71,72	1 or 2
Student Leader (PE)	11-12	71,72	1 or 2

Description	Grade Level	Page #	# of SEM
Symphonic Winds Ensemble	9-12	63	1 or 2
TCD - Automotive Technology*	12	90,92	2
TCD - Auto Body Repair & Refinishing	12	90,92	2
TCD - Certified Nursing Assistant *	12	74,77	2
TCD - Computer Info & Game Design*	12	102,104	2
TCD - Construction Trades*	12	93,94	2
TCD - Cosmetology Phase 1*	11	78,79	2
TCD - Cosmetology Phase 2*	12	78,79	2
TCD - Criminal Justice*	12	86,89	2
TCD - Emergency Med Tech (EMT)*	12	74,77,86,89	2
TCD - Fire Science*	12	86,89	2
TCD - HVAC & Residential Wiring*	12	93,95	2
TCD - Medical Assisting	12	74,77	2
TCD - Med Term & Health Careers*	12	74,77	2
TCD - Multimedia & TV Production*	12	58,59,96,98	2
TCD - Manuf, CNC, Machining	12	99,101,106, 109	2
TCD - Prof Cook, Baking & Service*	12	80,82	2
TCD - Robotics & Automation Tech*	12	102,105,106 ,109	2
TCD - Welding*	12	93,95,99,10 1	2
Teaching Internship*	10-12	83,84	1
Team Sports	11-12	71,72	1 or 2
Theatre	9-12		1
Treble Choir	9-12	61,63	1
Woods 1	9-12	99,100	1
Woods 2	10-12	99,100	2
Woods & Manufacturing Lab Aide	11-12	99,100	1

COURSES MARKED WITH AN * MAY MAY RESULT IN EARLY COLLEGE CREDIT


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FENTON HIGH SCHOOL